

**TWENTY-EIGHTH REPORT**

(Seven Annual, Twenty-one Biennial)

OF THE

**Board of Trustees**

OF THE

**University of Illinois**

---

**URBANA, ILLINOIS**

---

**For the Two Years Ending June 30, 1916**

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SPRINGFIELD, ILL.  
ILLINOIS STATE JOURNAL CO., STATE PRINTERS.  
1916

## LETTER OF TRANSMITTAL.

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URBANA, ILL., *July 1, 1916.*

*Honorable Edward F. Dunne, Governor of Illinois.*

SIR: I have the honor to submit to you herewith, in compliance with the law, the twenty-eighth report of the Trustees of the University of Illinois, for the two years ending June 30, 1916.

I am, very respectfully, your obedient servant,

HARRISON E. CUNNINGHAM, *Secretary.*



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\* Detail expired January 22, 1916.

† Detail began January 22, 1916.

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\* Resigned, November 30, 1915.



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 Arthur Francis Comstock, B.S., C.E., Associate in Railway Civil Engineering.
- William Truman Crandall, B.S., M.S., Associate in Milk Production.  
 Florence Rising Curtis, A.B., B.L.S., Associate in Library Economy.  
 John Adlum Dent, M.E., Associate in Mechanical Engineering.  
 Ira Wilmer Dickerson, B.S., Associate in Farm Mechanics.  
 Charles Elmer Durst, M.S., Associate in Olericulture.  
 Karl John Theodore Ekblaw, M.S., Associate in Farm Mechanics.  
 Ira William Fisk, M.S., Associate in Electrical Engineering.  
 Neal Bryant Garver, C.E., Associate in Civil Engineering.  
 Cora Emeline Gray, M.S., Associate in Household Science.  
 Leonard Vaughan James, M.S., E.E., Associate in Electrical Engineering.  
 Walter Edward Joseph, Ph.D., Associate in Animal Husbandry.  
 LeRoy Lang, M.S., Associate in Dairy Manufactures.  
 Francis Marion Porter, M.S., Associate in General Engineering Drawing.  
 Robert Kent Steward, C.E., Associate in General Engineering Drawing.  
 Oscar S. Watkins, B.S., Associate in Horticultural Chemistry.  
 Albert Lemuel Whiting, Ph.D., Associate in Soil Biology.  
 Carroll Carson Wiley, C.E., Associate in Civil Engineering.  
 Charles Henry Woolbert, A.M., Associate in Public Speaking and English.  
 George Denton Beal, Ph.D., Associate in Chemistry.  
 Clarence Valentine Boyer, Ph.D., Associate in English.  
 Herbert LeSourd Creek, Ph.D., Associate in English.  
 B. Smith Hopkins, Ph.D., Associate in Chemistry.  
 Paul VanBrunt Jones, Ph.D., Associate in History.  
 Duncan Arthur MacInnes, Ph.D., Associate in Chemistry.  
 Theodore Calvin Pease, Ph.D., Associate in History.  
 Gertrude Schoepperle, Ph.D., Associate in English.  
 Charles Manfred Thompson, Ph.D., Associate in Economics.  
 Ira Dent Allison, B.S., Associate in Horticulture.  
 John Joseph Gardner, M.S., Associate in Pomology.  
 Howard Bishop Lewis, Ph.D., Associate in Physiological Chemistry.  
 Gilbert Gusler, B.S., Associate in Animal Husbandry.  
 George Paul Boomsliter, B.S., Associate in Theoretical and Applied Mechanics.
- Arthur Charles Cole, Ph.D., Associate in History.  
 Newton Edward Ensign, A.B., B.S., Associate in Theoretical and Applied Mechanics.
- Frederick Nobel Evans, A.B., M.L.A., Associate in Landscape Gardening.  
 Walter Byron Gernert, Ph.D., Associate in Plant Breeding.  
 Harry Lovering Gill, Associate in Track Athletics.  
 Joseph Eugene Gillet, Ph.D., Associate in Comparative Literature.  
 Florence Harrison, B.S., Associate in Household Science.  
 William Mathews Hekking, B.P., Associate in Freehand Drawing.  
 Ray Stillman Hulce, M.S., Associate in Milk Production.  
 Ralph Kent Hursh, B.S., Associate in Ceramic Engineering.  
 Ralph R. Jones, Associate in Basketball.  
 Robert Taylor Jones, B.S., Associate in Architecture.  
 Harvey Herbert Jordan, B.S., Associate in General Engineering Drawing.  
 Aubrey John Kempner, Ph.D., Associate in Mathematics.  
 Abner Richard Knight, M.E., Associate in Electrical Engineering.  
 Edward Frederick Kohmann, Ph.D., Associate in Dairy Chemistry.  
 Harold Hanson Mitchell, A.B., Associate in Animal Nutrition.  
 Charles Ruby Moore, B.S., E.E., Associate in Electrical Engineering.  
 Olin Harris Moore, Ph.D., Associate in Romance Languages.  
 Maud Edna Parsons, A.B., Associate in Household Science and Director of the Lunch Room.  
 Ernest James Reece, Ph B., Associate in Library Economy.

Christian Alban Ruckmich, Ph.D., Associate in Psychology.  
 Harrison August Ruehe, B.S., Associate in Dairy Manufacturers.  
 Fred B. Seely, B.S., Associate in Theoretical and Applied Mechanics.  
 Frank A. Cushing Smith, B.S., M.L.A., Associate in Landscape Design.  
 William Herschel Smith, M.S., Associate in Animal Husbandry.  
 Robert Carl Zuppke, Ph.B., Associate in Football.  
 Harry Franklin Harrington, A.M., Associate in Journalism.

## LECTURERS.

Edna Lyman Scott, Special Lecturer on Library Work for Children.  
 George Benjamin Rice, Lecturer on the Installation and Operation of Mechanical Equipment for Buildings and Assistant Mechanical Engineer in the Office of the Supervising Architect.  
 William Arthur Chase, LL.B., C.P.A., Lecturer on Accountancy and Commercial Law.  
 Robert Enoch Hieronymus, A.M., LL.D., Community Adviser.  
 Joseph Clifton Brown, A.M., Principal of the Training School.

## INSTRUCTORS.

Daisy Luana Blaisdell, A.M., Instructor in German.  
 Henri Jacobus van den Berg, Instructor in Piano.  
 Edgar Thomas Lanham, Instructor in Forge Shop.  
 Albert Austin Harding, Instructor in Wind Instruments and Director of the University Military Band.  
 Mary Minerva Wetmore, Instructor in Art and Design.  
 Harry Frederick Godeke, B.S., Instructor in Mechanical Engineering.  
 George Wellington Pickels, Jr., B.C.E., C.E., Instructor in Civil Engineering.  
 John Giffin Thompson, Ph.D., Instructor in Economics.  
 Frank Walker Reed, Ph.D., Instructor in Astronomy.  
 Clarence Eugene Noerenberg, B.S., A.E., Instructor in Theoretical and Applied Mechanics.  
 Charles Allyn Williams, Ph.D., Instructor in German.  
 Robert Edwin Kennedy, Instructor in Foundry.  
 William Horace Rayner, B.S., Instructor in Civil Engineering.  
 John Lyon Rich, Ph.D., Instructor in Geology.  
 Raymond Earl Davis, B.S., Instructor in Civil Engineering.  
 Armin Hajman Koller, Ph.D., Instructor in German.  
 Joseph Howard Beard, A.M., M.D., Instructor in Physiology.  
 Edward Wilson Chittenden, Ph.D., Instructor in Mathematics.  
 William Wells Denton, Ph.D., Instructor in Mathematics.  
 Marvin Edward Jahr, A.B., Instructor in Farm Mechanics.  
 Joseph Mitchell Kellogg, M.Arch., Instructor in Architectural Design.  
 Edson Wilfred Morphy, Instructor in Violin.  
 Chester Otis Reed, B.S., Instructor in Farm Mechanics.  
 Edna Almeda Treat, B.Mus., Instructor in Piano.  
 Ethel Bond, A.B., B.L.S., Instructor in Library Economy and Assistant in charge of the collections in Library Economy.  
 Edwin John Manley, Instructor in Swimming.  
 Heber Dignam Nasmyth, Instructor in Voice.  
 Clarissa Rinaker, Ph.D., Instructor in English.  
 Harley Jones VanCleave, Ph.D., Instructor in Zoology.  
 Henry John Broderson, Ph.D., Instructor in Chemistry.  
 Mervin James Curl, A.M., Instructor in English.  
 Easley Stephen Jones, A.M., Instructor in English.  
 Walter Byron McDougall, Ph.D., Instructor in Botany.  
 Queen Lois Shepherd, Ph.D., Instructor in Philosophy.  
 Rufus Crane, A.B., B.S., Instructor in General Engineering Drawing.  
 Verna Brooks, A.B., Instructor in Physical Training for Women.  
 Elmer Tyron Ebersol, A.B., B.S., Instructor in Crop Production.  
 Roy Newton Fargo, B.S., Instructor in Physical Training for Men and Director of the Men's Gymnasium.  
 Forest Addison Fisher, B.S., Instructor in Soil Physics.  
 Georgia Elizabeth Fleming, B.S., Instructor in Textiles.

- Stella Mary Hague, Ph.D., Instructor in Botany.  
 Barney S. Radcliffe, M.S., Instructor in Ceramic Engineering.  
 Gustav H. Radebaugh, Instructor in Machine Work.  
 Hiram Thompson Scovill, A.B., Instructor in Accountancy.  
 Grace Esther Stevens, A.B., Instructor in Household Science.  
 Harry William Waterfall, B.S., Instructor in Machine Design.  
 Harold Eaton Babbitt, B.S., Instructor in Municipal and Sanitary Engineering.
- Harry Gardner, M.S., Instructor in Theoretical and Applied Mechanics.  
 Alexander Vallance, M.E., Instructor in Theoretical and Applied Mechanics.
- Charles Earl Bradbury, B.P., Instructor in Art and Design.  
 Roger Sherman Loomis, B.Lit., A.M., Tutor in English.  
 Charles Henry Hecker, Ph.D., Instructor in Chemistry.  
 Arthur Grenville Eldredge, Instructor in Photography and Director of the Photographic Laboratories.
- Gustave Adolph Gross, Instructor in Pattern Making.  
 Robert Douglas Glasgow, Ph.D., Instructor in Entomology.  
 Alexander Green, Ph.D., Instructor in German.  
 Earle Stanley Alden, A.M., Instructor in English.
- Mamie Bunch, A.B., Instructor in Household Science, in charge of Extension Work.
- Alfred Copeland Callen, M.S., E.M., Instructor in Mining Engineering.  
 Lynn Harold Harris, Ph.D., Instructor in English.  
 Harold Newcomb Hillebrand, Ph.D., Instructor in English.  
 Horatio Sprague McDewell, B.S., M.E., Instructor in Mechanical Engineering.
- Harrison McJohnston, A.M., Instructor in Business English and Salesmanship.
- Clyde Ross Newell, Ph.B., M.S., Instructor in Farm Mechanics.  
 Hubert Leonard Olin, Ph.D., Instructor in Chemistry.  
 Edith Griffith Osmond, A.B., B.S., Instructor in Physical Training for Women.
- George Wallace Sears, Ph.D., Instructor in Chemistry.  
 Joel Andrew Sperry, Ph.D., Instructor in Bacteriology.  
 Russel McCulloch Story, A.M., Instructor in Political Science.  
 Ralph Earle Tiejie, A.M., Instructor in English.
- Frederick Calkins Torrance, M.E., Instructor in Mechanical Engineering.  
 Robert Calvin Whitford, A.M., Instructor in English.  
 Anna Waller Williams, A.M., Instructor in Household Science.  
 Arthur Edward Williams, B.S., Instructor in Ceramic Engineering.  
 John Williams Davis, M.E., Instructor in Electrical Engineering.  
 Ralph Stanley Fanning, B.Arch., Instructor in Architectural Design.  
 Jessie Yereance Cann, Ph. D., Instructor in Chemistry.  
 William Sidney Wolfe, M.S., Instructor in Architectural Engineering.  
 Edwin Frank, B.S., Instructor in Mechanical Engineering.  
 James Burton Andrews, B.S., Instructor in Animal Husbandry.  
 Carl Sawyer Downes, Ph.D., Instructor in English.  
 Greta Gray, A.M., Instructor in Household Science.  
 Margaret Beaumont Stanton, B.S., A.M., Instructor in Household Science.  
 William James Putnam, B.S., Instructor in Theoretical and Applied Mechanics.
- Elmer Roberts, B.S., Instructor in Genetics.  
 James Harvey Hogue, Instructor in Foundry Practise.  
 Carl Rahn, Ph. D., Instructor in Psychology.
- William B. Castenholz, A.M., C.P.A., Instructor in Accountancy and Comptroller.
- Robert Eugene Cushman, A.B., Instructor in Political Science.  
 Frank L. Venning, Instructor in Landscape Design.  
 Orr Milton Allyn, B.S., Instructor in Crop Production.  
 Clarence Allen Atwell, B.S., Instructor in General Engineering Drawing.  
 William Sanford Brock, B.S., Instructor in Pomology.  
 Mamie Bunch, B.S., State Leader in Home Economics Extension.  
 Wilbur Jerome Carmichael, B.S., Instructor in Animal Husbandry.

Harvey Peach Corson, Ph.D., Instructor in Sanitary Chemistry and Chemist and Bacteriologist in the State Water Survey.\*

Bertha Adeline Davis, Instructor in Voice.

Jeremiah Amos DeTurk, B.S., Instructor in Machine Shop Practice.

Lemuel Cross Dillenback, A.M., Instructor in Architectural Design.

Gideon Robert Forbes, B.S., M.L.A., Instructor in Art and Design.

James Henry Greene, M.S., State Leader in Junior Extension.

Allene Gregory, Ph.D., Instructor in English.

Alfred Joseph Gunderson, B.S., Instructor in Pomology.

Anna Lue Hughitt, Instructor in Physical Training for Women.

Sigurd Bernhard Hustvedt, Ph.D., Instructor in English.

Oliver Kamm, Ph. D., Instructor in Chemistry.

Earl Kilburn Kline, A. M., Instructor in German.

Charles Ivan Newlin, M.S., Instructor in Animal Husbandry.

Heinrich Waldemar Nordmeyer, Ph.D., Instructor in German.

William King Palmer, B.S., Instructor in Floriculture.

Hugh Wiley Puckett, Ph.D., Instructor in German.

Clarence Stanley Sale, B.S., Instructor in Civil Engineering.

William Eben Schultz, Ph.D., Instructor in English.

Roscoe Raymond Snapp, B.S., Instructor in Animal Husbandry.

William Macy Stanton, M.S., Instructor in Architecture.

James Garfield Stevens, Ph.D., Instructor in Sociology.

Charles Leslie Stewart, Ph.D., Instructor in Economics.

Francis Maurice VanTuyt, Ph.D., Instructor in Geology.

Levi Thomas Wilson, Ph.D., Instructor in Mathematics.

William Wodin Yapp, B.S., Instructor in Dairy Husbandry.

Edna Mosher, Ph.D., Instructor in Entomology.

Leona Hope, Instructor in Household Science.

Carl Victor Burger, B.Arch., Instructor in Drawing.

Ananias Charles Littleton, A.B., C.P.A., Instructor in Accountancy.

Frank Tatham Johnson, Instructor in Voice.

Mabelle Genevieve Wright, B.Mus., Instructor in Music.

Walter Rooke Evans, Instructor in Boxing and Wrestling.

Gerard van Rossen Hoogendijk, Ph.D., Instructor in Chemistry.

Arthur C. Harper, M.E., Instructor in Mechanical Engineering.

#### ASSISTANTS.

James Merion Duncan, Assistant in Pattern Making.

Sada Annis Harberger, A.M., Assistant in English.

Ruth Kelso, A.M., Assistant in English.

Elizabeth Parnham Brush, A.M., Assistant in History.

Bessie Rose Green, A.M., Assistant in Zoology.

Rosalie Mary Parr, A.M., Assistant in Botany.

Peter Joseph Rebman, Assistant in Forge Shop.

Wilford Stanton Miller, A.M., Assistant in Education and Secretary of the School of Education.

Oscar Alan Randolph, M.S., Assistant in Physics.

John Alexander Frisk, Assistant in Mechanical Engineering and Mechanician in the Mechanical Engineering Laboratory.

Rosa Lee Gaut, B.Mus., Assistant in Physical Training for Women.

Earle Horace Warner, A.M., Assistant in Physics.

Emerson Grant Sutcliffe, A.B., Assistant in English.

Lew R. Sarett, A.B., Assistant in Public Speaking.

Sebastian Karrer, A.M., Assistant in Physics.

Jonas Bernard Nathanson, A.M., Assistant in Physics.

Benjamin Lester Bowling, Assistant in the Cement Laboratory.

Charles Serophon Carry, Assistant in Romance Languages.

Joseph Harvey Checkley, B.S., Assistant in Agricultural Extension.

Arthur Samuel Colby, B.S., Assistant in Pomology.

Harrison Fred Theodore Fahrnkopf, B.S., Assistant in Soil Fertility.

Harry Charles Gilkerson, B.S., Assistant in Soil Fertility.

Harry Viri Heimbürger, A.B., Assistant in Zoology.

\* Resigned, December 1, 1915.

Raymond Washington Hess, A.M., Assistant in Chemistry.  
 Alma Jessie Neill, A.B., Assistant in Physiology.  
 Clarence Samuel Ross, A.B., Assistant in Geology.  
 Guy Watson Smith, M.S., Assistant in Mathematics.  
 Howard John Snider, B.S., Assistant in Soil Fertility.  
 Thomas Blaine Stanley, A.B., Assistant in English.  
 Scott Champlin Taylor, B.S., Assistant in Chemistry.  
 Harry Dwight Waggoner, A.B., Assistant in Botany.  
 Edward Harvey Walworth, B.S., Assistant in Crop Production.  
 Warren Rippey Schoonover, B.S., Assistant in Soil Fertility.  
 George Washington Spindler, A.M., Teaching Fellow in German.  
 Louis Allen, A.M., Assistant in Romance Languages.  
 Raymond Ephraim Dixon, A.M., Assistant in English.  
 Harry Montgomery Weeter, A.B., Assistant in Dairy Husbandry.  
 Paul Anders, Assistant in Glass Blowing.  
 Ralph Edward Muehlman, Assistant in Architecture.  
 Paul Levern Bayley, A.M., Assistant in Physics.  
 Clyde Byron Beck, A.B., Assistant in English.  
 Ernest Edward Charlton, A.B., Assistant in Chemistry.  
 Nora Elizabeth Dalbey, A.M., Assistant in Botany.  
 Ralph Raymond Danielson, B.S., Assistant in Ceramic Engineering.  
 William Henry Dreesen, A.B., Assistant in Economics and Commerce.  
 Henry Mathusalem DuBois, A.M., Assistant in Geology.  
 Carl Herman Haessler, A.B., Assistant in Philosophy.  
 William Henry Hyslop, A.M., Assistant in Physics.  
 Forrest Ellwood Kempton, M.S., Assistant in Botany.  
 Harry Cleveland Kremers, A.B., Assistant in Chemistry.  
 Robert Haskell Marshall, A.B., Assistant in Mathematics.  
 Henry Gustav May, B.S., Research Assistant in Zoology.  
 Jay Earll Miller, LL.B., A.M., Assistant in History.  
 Bert Edwin Quick, A.B., Assistant in Botany.  
 Mason Kent Read, B.S., Assistant in Geology.  
 Edwin Arthur Rees, A.M., Assistant in Chemistry.  
 William Harold Wilson, A.M., Assistant in Mathematics.  
 Edward Laurence McKenna, A.M., Assistant in Economics.  
 Charles Francis Hill, A.B., Assistant in Physics.  
 William Barber Nevins, B.S., Assistant in Dairy Husbandry.  
 James Kessler, A.B., Assistant in Romance Languages.  
 Margaret Vara Cobb, A.M., Assistant in Education.  
 Howard Dexter Brown, B.S., Assistant in Floriculture.  
 Duane Taylor Englis, A.M., Assistant in Floricultural Chemistry.  
 Claude Harper, B.S., Assistant in Animal Husbandry.  
 August George Hecht, B.S., Assistant in Floriculture.  
 Lee Ellis Miles, A.B., Assistant in Floriculture.  
 James Wilbur Whisenand, B.S., Assistant in Animal Husbandry.  
 James Manley Phelps, A.B., Assistant in Public Speaking.  
 Ross Earlby Gilmore, A.M., Assistant in Chemistry.  
 Rafael Arcangel Soto, B.S., Assistant in Romance Languages.  
 Henry Joseph Weiland, B.S., Research Assistant in Chemistry.  
 Charles West Redwood, Scientific Artist in Zoology.  
 Paul William Allen, M.S., Assistant in Dairy Bacteriology.  
 Earl Kirkwood Augustus, B.S., Assistant in Animal Husbandry.  
 Francis Marsh Baldwin, A.M., Assistant in Zoology.  
 Walter Spurgeon Beach, M.S., Assistant in Botany.  
 Harriett Josephine Berninger, A.B., Assistant in Education.  
 Don Warren Bissell, B.S., Assistant in Chemistry.  
 Frederick Jackson Blackburn, B. S., Assistant in Home Economics Extension.  
 Raymond Franklin Borden, A.M., Assistant in Mathematics.  
 Joseph Marvin Braham, M.S., Assistant in Chemistry.  
 Silas Alonzo Braley, M.S., Assistant in Chemistry.  
 Fannie Maria Brooks, A.B., Assistant in Home Economics Demonstration.  
 Harold Clayton Case, B.S., Assistant in Farm Management.

Harold Dudley Clayberg, M.B., Assistant in Botany.  
 Jesse Leroy Conel, A.M., Assistant in Zoology.  
 Beatrice Virginia Copley, A.B., Assistant in English.  
 Myrtle Amy Cruzan, A.B., Assistant in English.  
 Carl Nathan Davidson, A.B., Assistant in Chemistry.  
 Robert Lesley Davis, B.S., Assistant in Botany.  
 Eric Allen Dawson, B.S., A.M., Assistant in Romance Languages.  
 Charles Stever Fazel, A.M., Assistant in Physics.  
 Frank Farnsworth Footitt, A.B., Assistant in Chemistry.  
 Jay Thomas Ford, A.B., Assistant in Chemistry.  
 Hobart Dickinson Frary, M.E., M.S., Assistant in Mathematics.  
 Charles Francis Geiger, B.S., Assistant in Ceramic Engineering.  
 Olaf H. Glimstedt, G.D., Assistant in Athletic Training.  
 Harold Gosser, B.S., Assistant in Dairy Husbandry.  
 John Frederick Gross Hicks, B.S., Assistant in Chemistry.  
 Fanny Wilder Hill, A.B., B.L.S., Reviser in Library Science.  
 Sidney Marion Hull, B.S., Assistant in Chemistry.\*  
 Lawrence Crane Johnson, Ph.D., Research Assistant in Chemistry.  
 William Garfield Kammlade, B.S.A., Assistant in Animal Husbandry.  
 Walter Gerald Karr, B.S., Assistant in Chemistry.  
 Luther Eugene Kennedy, A.M., Assistant in Geology.  
 Cincinnati Giovanni Battiste Laguardia, A.B., Assistant in Romance

#### Languages.

Grace Linder, A.B., Assistant in Household Science.  
 George Burr McMillen, A.B., Assistant in Economics.  
 Alfred Thorpe Morison, B.S., Assistant in Crop Production.  
 William Algernon Kingsvill Morkel, B.S., Assistant in Animal Hus-

#### bandry.

Caroline Ruth Morris, A.B., Assistant in Physical Training for Women.  
 Robert Emmet Murphy, Assistant in General Engineering Drawing.  
 Edward Frederick Nickoley, A.M., Assistant in Accountancy.  
 Albert Waffle Owens, B.S., Assistant in Chemistry.  
 Olive Belle Percival, B.S., Assistant in Home Economics Extension.  
 William Eugene Pickler, A.B., Assistant in Botany.  
 Edwin Booth Powers, A.B., M.S., Assistant in Zoology.  
 John Benjamin Rice, B.S., Assistant in Animal Husbandry.  
 Friedel Chapin Richey, B.S., Assistant in Soil Physics.  
 Rodney Potter Robinson, A.M., Assistant in the Classics.  
 William Kean Robinson, M.S., Assistant in Bacteriology.  
 Alvin Romeiser, N.A.G.O., Assistant in Physical Training, in Charge of

#### Fencing.

William Edward Roth, B.S., Assistant in Mathematics.  
 Floyd Elba Rowland, B.S., A.M., Assistant in Chemistry.  
 John Raymond Shulters, A.M., Assistant in Romance Languages.  
 Glenn Seymour Skinner, A. M., Assistant in Chemistry.  
 Maynard Elmer Slater, B.S., Assistant in Animal Nutrition.  
 Fred Wilbur Tanner, M.S., Assistant in Bacteriology.  
 Laurence Emerson Thorne, B.S., Assistant in Agricultural Statistics

#### and Genetics.

Carryl Nelson Thurber, A.B., Assistant in English.  
 Leon Deming Tilton, B.S., Assistant in Landscape Extension.  
 Ralph Waldo Tippet, A.M., Assistant in Chemistry.  
 Leighton J. True, B.S., Assistant in Dairy Manufactures.  
 Ernest Henry Vollweiler, A.B., Assistant in Chemistry.  
 William Alexander Van Winkle, B.S., Assistant in Chemistry.  
 Quinton Forrest Walker, A.M., Research Assistant in the Graduate

#### School.

Gordon Watkins, A.M., Assistant in Sociology.  
 Jane Coulson Watson, A.B., Assistant in Romance Languages.†  
 Robert Bruce Weirick, A.M., Assistant in English.  
 Lars Alvin Welo, M.S., Research Assistant in Astronomy.

\* Resigned, October 15, 1915.

† First Semester.

Terrence Onas Westhaefer, A.B., Assistant in Chemistry.  
 Gerold Carl Wichman, A.B., Assistant in Psychology.  
 Roy Harold Wilcox, B.S., Assistant in Animal Husbandry.  
 Frank Archibald Wyatt, Ph.D., Assistant in Soil Fertility.  
 Esther Young, A.M., Assistant in Botany.  
 Joseph Rossiter Ziesenheim, B.S., in Animal Nutrition.  
 Scott Champlin Taylor, B.S., Assistant in Chemistry.  
 Merton Ford Banks, B.S., Assistant in General Engineering Drawing.

#### GRADUATE ASSISTANTS.

George Marsh Higgins, B.S., Graduate Assistant in Zoology.  
 Henry Rhodes Lee, A.B., Graduate Assistant in Chemistry.  
 Thomas Byrd Magath, M.S., Graduate Assistant in Zoology.  
 Anna Sophie Rogers, A.M., Graduate Assistant in Psychology.  
 Albert Durand Shepard, B.S., Graduate Assistant in Chemistry.  
 Rachel Ann Baumgartner, A.B., Graduate Assistant in Zoology.  
 John Sherman Beekley, A.B., Graduate Assistant in Mathematics.  
 Harry James Beattie, A.M., Graduate Assistant in Chemistry.  
 John Bernis Brown, B.S., Graduate Assistant in Chemistry.  
 William Robert Bruce, A.B., Graduate Assistant in Chemistry.  
 Charles Francis Green, A.M., Graduate Assistant in Mathematics.  
 Cecil Robert Gross, B.S., Graduate Assistant in Bacteriology.  
 Clyde Carney Hamilton, B.S., Graduate Assistant in Entomology.  
 Alfred Martin Heinzelman, B.S., Graduate Assistant in Chemistry.\*  
 Ralph William Hufford, A.B., Graduate Assistant in Chemistry.  
 Louis Jordan, A.B., Graduate Assistant in Chemistry.  
 James Ernest Kindred, A.B., Graduate Assistant in Zoology.  
 Robert Hills Kingman, A.B., Graduate Assistant in Zoology.  
 Ruth Elizabeth Okey, B.S., Graduate Assistant in Chemistry.  
 James Harris Olewine, B.S., Graduate Assistant in Chemistry.  
 Margaret Campbell Perry, A.B., Graduate Assistant in Chemistry.  
 Harry Glenn Portz, B.S., Graduate Assistant in Chemistry.  
 Loran Ogden Potterf, A.M., Graduate Assistant in Chemistry.  
 Albert Richard Powell, A.M., Graduate Assistant in Chemistry.  
 James Keel Reed, A.B., Graduate Assistant in Chemistry.  
 Lloyd Hilton Reyerson, A.B., Graduate Assistant in Chemistry.  
 Helen Updegraff, A.B., Graduate Assistant in Chemistry.  
 Lansing Sadler Wells, A.B., Graduate Assistant in Chemistry.  
 Herbert August Winkelmann, M.S., Graduate Assistant in Chemistry.  
 Leonard Francis Yntema, A.B., Graduate Assistant in Chemistry.

#### STUDENT ASSISTANTS.

Leon Adler, Student Assistant in Chemistry.  
 Fred Charles Hahn, Student Assistant in Chemistry.  
 Margaret Hemenway, Student Assistant in Chemistry.  
 Joseph Thomas Holton, Student Assistant in Chemistry.†  
 Adolph Walter Landstrom, Student Assistant in Chemistry.  
 Russell Ward Millar, Student Assistant in Chemistry.†  
 Ralph Waldo Morgan, Student Assistant in Chemistry.  
 George Alfred Wrisley, Student Assistant in Chemistry.  
 Carl Alfred Zelle, Student Assistant in Chemistry.

#### ASSISTANTS IN MILITARY SCIENCE.

Edwin Shelby, Jr., Assistant in Military Science.  
 Francis Marion Van Natter, Assistant in Military Science.  
 Lloyd Lamkins, Assistant in Military Science.  
 Ralph Raymond Thomas, Assistant in Military Science.  
 Ross Seguire Mason, Assistant in Military Science.  
 George Curtiss, Assistant in Military Science.  
 Reinhardt Steinmayer, Assistant in Military Science.  
 Daniel Edwin Miller, Assistant in Military Science.  
 Charles William McCumber, Assistant in Military Science.

\* Resigned, October 15, 1915.

† Resigned, December 31, 1915.

**THE UNIVERSITY LIBRARY.****STAFF.**

Phineas Lawrence Windsor, Ph.B., Director of the Library and the Library School.

Jessie Beatrice Weston, Ph.B., General Assistant.

Emma Boyd, A.B., General Assistant.

Wilma Loy Shelton, A.B., General Assistant.

**ORDER DEPARTMENT.**

Francis Keese Wynkoop Drury, A.M., B.L.S., Assistant Librarian.

Charles Edward Graves, A.B., Exchange Assistant.

Aurella Knapp, A.B., B.L.S., Order Assistant (Periodicals).

Myrtle Anna Renz, B.L.S., Order Assistant.

Clara Agnes Ricketts, A.B., B.L.S., Order Assistant.

Katherine Doyle, Order Assistant.

Elizabeth Hester, Order Assistant.

**LOAN DEPARTMENT.**

Emma Reed Jutton, B.L.S., Loan Librarian.

Stella Belle Galpin, A.B., B.L.S., Loan Assistant.

Sarah Elizabeth Bryan, A.B., B.L.S., Loan Assistant.

Susan True Benson, A.B., Loan Assistant.

Elsie Baechtold, A.B., Loan Assistant.

Miles Oscar Price, B.S., Shelf Assistant.

**BINDING DEPARTMENT.**

Josie Batcheller Houchens, A.M., B.L.S., Binding Librarian.

Della Cordell, Binding Assistant.

**CATALOG DEPARTMENT.**

Philip Sanford Goulding, A.B., Catalog Librarian.

Adah Patton, B.L.S., Classifier.

Jennie Adah Craig, A.B., B.L.S., Reviser.

Minnie Joanna Bollman, A.B., Catalog Assistant.

Nellie Mabel Robertson, A.B., B.L.S., Catalog Assistant.

Bertha Lee Sharp, A.B., Catalog Assistant.

Amanda M. Flattery, A.M., Catalog Assistant.

Margaret Williams, A.B., Catalog Assistant.

Nellie Signor, A.B., Catalog Assistant.

Katherine Leslie McGraw, A.B., Catalog Assistant.

Mildred McElroy, A.B., Catalog Assistant.

Katherine Stites, Catalog Assistant.

Ida Bertram French, Catalog Assistant.

Cleo Lichtenberger, B.S., Catalog Assistant.

**REFERENCE DEPARTMENT.**

Alice Sarah Johnson, A.B., B.L.S., Reference Assistant.

Emma Felsenthal, Ph.B., B.L.S., Reference Assistant.

Margaret Hutchins, A.B., B.L.S., Reference Assistant.

**DEPARTMENTAL LIBRARIES.**

Mary Torrance, A.B., B.L.S., Assistant in Classics.

Hazel Yearsley Shaw, A.M., Assistant in Economics and Sociology.

Ola M. Wyeth, A.B., B.L.S., Assistant in Germanic and Romance Languages.

Marion Leatherman, A.B., Assistant in History and Political Science.

Nellie Read Roberts, A.B., B.L.S., Assistant in English.

Margaret Herdman, A.B., B.L.S., Assistant in Philosophy, Psychology, and Education.

Ethel Bond, A.B., B.L.S., Assistant in Library Economy.

Charles Edwin Janvrin, Ph.B., B.L.S., Assistant in Natural History.

Mary Elizabeth Love, Assistant in Mathematics and Natural History.

Winifred Fehrenkamp, B.L.S., Assistant in Architecture.

George Adams Deveneau, Ph.B., Assistant in Agriculture.

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† Retired September 1, 1915. Deceased September 6, 1915

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† Resigned, November 30, 1915.

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 Ulysses Sherman Grant, Ph.D., Consulting Geologist in Lead and Zinc Studies, Northwestern University, Evanston.  
 Samuel Wilson Parr, M.S., Consulting Chemist in Coal Investigations, University of Illinois, Urbana.  
 Charles Wesley Rolfe, M.S., Consulting Geologist in Clay Investigations, University of Illinois, Urbana.  
 Albert Victor Bleininger, B.S., Consulting Ceramist, University of Illinois, Urbana.  
 Rollin D. Salisbury, A.M., LL.D., Consulting Geologist in Preparation of Educational Series, University of Chicago, Chicago.  
 Fred Hall Kay, B.S., Assistant State Geologist, Urbana.  
 Thomas Edmund Savage, Ph.D., Geologist, University of Illinois, Urbana.  
 Stuart Weller, Ph.D., Geologist, University of Chicago, Chicago.  
 Gilbert H. Cady, A.M., Geologist, Urbana.  
 Helen Jeanne Skewes, A.B., Assistant Geologist, Urbana.  
 E. Wesley Shaw, B.S., Assistant Geologist in Cooperative Surveys, Urbana, Ill., and Washington, D. C.  
 Wallace Lee, Assistant Geologist in Cooperative Surveys, Urbana, Ill., and Washington, D. C.  
 Walter Stephen Nelson, Engineering Draftsman, Urbana.  
 Justa M. Lindgren, A.M., Chemist, Urbana.  
 William Henry Herron, B.S., Geographer in charge of Topographical Surveys in Illinois, Urbana, Ill., and Washington, D. C.

## **THE BOARD OF EXAMINERS IN ACCOUNTANCY.**

Edmund Janes James, Ph.D., LL.D., President.

### **BOARD OF EXAMINERS.**

James Hall, C.P.A., Chairman, Chicago.  
 Clarence Martin DeLany, A.B., C.P.A., Secretary, Chicago.  
 Nathan William MacChesney, A.B., LL.B., Chicago.

### **UNIVERSITY COMMITTEE.**

David Kinley, Ph.D., LL.D., Chairman.  
 Charles Maxwell McConnell, A.M., Secretary.  
 Edward Harris Decker, A.B., LL.B.

## **COOPERATIVE INVESTIGATION OF ILLINOIS COAL PROBLEMS.**

Edmund Janes James, Ph.D., LL.D., President.

### **STAFF.**

#### **ENGINEERING EXPERIMENT STATION.**

William Freeman Myrick Goss, M.S., D.Eng., Director.  
 Harry Harkness Stoek, B.S., E.M., Professor of Mining Engineering.

Stephen Osgood Andros, A.B., B.S., E.M., Assistant Professor of Mining Research.\*

Special Mining Engineers and Field Samplers.

STATE GEOLOGICAL SURVEY.

Frank Walbridge DeWolf, B.S., Director.

Fred Hall Kay, B.S., Assistant State Geologist.

Gilbert Haven Cady, A.B., M.S., Geologist.

Thomas Edmund Savage, M.S., Ph.D., Geologist.

Walter Stephen Nelson, Engineer.

UNITED STATES BUREAU OF MINES.

Van H. Manning, A.B., Director.

George S. Rice, E.M., Chief Mining Engineer, Pittsburgh, Pa.

Howard I. Smith, B.S., (Min.) District Mining Engineer.

James Russell Fleming, E.M., Assistant Mining Engineer, studying the use of explosives.

Robert Jasper Hamon, B. S., Junior Chemist.

Horace Chamberlain Porter, M.S., Ph.D., Chemist, Pittsburgh, Pa.

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\* Resigned, November 30, 1915

# SUMMARY OF STUDENTS—1914-15.

36

UNIVERSITY OF ILLINOIS.

Colleges and course.	Seniors.			Juniors.			Sophomores.			Freshmen.			Specials.			Totals.		
	Men.	Wo- men.	Total.	Men.	Wo- men.	Total.	Men.	Wo- men.	Total.	Men.	Wo- men.	Total.	Men.	Wo- men.	Total.	Men.	Wo- men.	Total.
Liberal Arts and Sciences—																		
General Literature and Arts.....	54	94	148	78	83	161	61	73	134	227	180	407	11	12	23	431	442	873
Business.....	36	2	38	71	.....	71	88	5	93	212	9	221	7	.....	7	414	16	430
Medical.....	3	.....	3	13	.....	13	26	1	27	68	1	69	.....	.....	.....	110	2	112
Household Science.....	.....	37	37	.....	40	40	.....	46	46	.....	96	96	.....	1	1	.....	220	220
Ceramics.....	7	.....	7	11	.....	11	13	.....	13	10	.....	10	.....	.....	.....	41	.....	41
Ceramic Engineering.....	7	.....	7	5	.....	5	4	.....	4	14	.....	14	.....	.....	.....	30	.....	30
Chemistry.....	6	.....	6	13	1	14	5	1	6	25	1	26	.....	.....	.....	49	3	52
Chemical Engineering.....	18	.....	18	12	.....	12	30	.....	30	39	.....	39	1	.....	1	100	.....	100
Total Liberal Arts and Sciences.....	131	133	264	203	124	327	227	126	353	595	287	882	19	13	32	1,175	683	1,858
Engineering—																		
Architecture.....	33	.....	33	35	1	36	39	.....	39	59	2	61	2	1	3	168	4	172
Architectural Engineering.....	24	.....	24	42	.....	42	47	.....	47	64	.....	64	.....	.....	.....	177	.....	177
Civil Engineering.....	35	.....	35	46	.....	46	42	.....	42	79	.....	79	3	.....	3	205	.....	205
Electrical Engineering.....	41	.....	41	56	.....	56	59	.....	59	111	.....	111	1	.....	1	268	.....	268
Mechanical Engineering.....	41	.....	41	59	.....	59	69	.....	69	91	.....	91	2	.....	2	262	.....	262
Mining Engineering.....	4	.....	4	3	.....	3	11	.....	11	20	.....	20	.....	.....	.....	38	.....	38
Municipal and Sanitary Engineering.....	10	.....	10	66	.....	6	11	.....	11	8	.....	8	.....	.....	.....	35	.....	35
Railway Civil Engineering.....	.....	.....	.....	5	.....	5	2	.....	2	7	.....	7	.....	.....	.....	14	.....	14
Railway Electrical Engineering.....	1	.....	1	4	.....	4	3	.....	3	5	.....	5	1	.....	1	14	.....	14
Railway Mechanical Engineering.....	.....	.....	.....	2	.....	2	3	.....	3	1	.....	1	.....	.....	.....	6	.....	6
Total Engineering.....	189	.....	189	258	1	259	286	.....	286	445	2	447	9	1	10	1,187	4	1,191
Agriculture—																		
General Agriculture.....	141	3	144	164	2	166	201	3	204	444	12	456	78	9	87	1,028	29	1,057
Household Science.....	.....	10	10	.....	20	20	.....	40	40	.....	54	54	.....	5	5	.....	129	129
Total Agriculture.....	141	13	154	164	22	186	201	43	244	444	66	510	78	14	92	1,028	158	1,186
Music.....	1	8	9	.....	9	9	.....	9	9	4	40	44	3	19	22	8	85	93
Total, undergraduates at Urbana.....	460	156	616	623	158	781	714	178	892	1,479	404	1,883	109	47	156	3,398	930	4,328

				Third year.			Second year.			First year.								
Law .....				16		16	26		26	54		54	10		10	106		106
Library School.....							1	17	18	2	25	27		3	3	3	45	48
Total, undergraduates and professional schools at Urbana.....																3,507	975	4,482
Graduate School.....																390	80	470
Total at Urbana .....																3,897	1,055	4,952
Summer Session (1914), total registration.....																598	337	935
Deduct students returned .....																364	124	488
Net total, Summer Session.....																234	213	447
Totals at Urbana.	Seniors.			Juniors.			Sophomores.			Freshmen.			Specials.			Totals.		
Medicine (Chicago) .....	96	8	104	104	7	111	55	6	61	10	2	12	1	1	2	266	24	290
Dentistry (Chicago) .....				21		21	37	1	38	23		23	2		2	83	1	84
Pharmacy (Chicago)—																		
Ph.G. course.....							72	1	73	70	5	75	45		45	187	6	193
Ph.C. course.....							4	1	5	2		2				6	1	7
Total Pharmacy.....							76	2	78	72	5	77	45		45	193	7	200
Total in Chicago.....																542	32	574
Total in University.....																4,673	1,300	5,973
Deduct duplicates.....																14	3	17
Net total.....																4,659	1,297	5,956

## SUMMARY OF STUDENTS—1915-16.

Colleges and course.	Seniors.			Juniors.			Sophomores.			Freshmen.			Specials.			Totals.		
	Men.	Women.	Total.	Men.	Women.	Total.	Men.	Women.	Total.	Men.	Women.	Total.	Men.	Women.	Total.	Men.	Women.	Total.
Liberal Arts and Sciences—																		
General .....	70	82	152	67	86	153	107	103	210	267	239	506	9	6	15	520	516	1,036
Medical Preparatory .....	2	.....	2	11	1	12	29	2	31	60	4	64	.....	.....	.....	102	7	109
Household Science.....	9	40	49	9	49	58	.....	54	54	.....	111	111	.....	.....	.....	.....	254	254
Chemistry.....	9	.....	9	9	1	10	12	1	13	23	.....	23	.....	.....	.....	53	2	55
Chemical Engineering.....	10	.....	10	19	.....	19	25	.....	25	44	.....	44	.....	.....	.....	98	.....	98
Total.....	91	122	213	106	137	243	173	160	333	393	354	748	9	6	15	773	779	1,452
Commerce and Business Administration .....	62	1	63	86	3	89	133	6	139	275	11	286	3	1	4	559	22	581
Engineering—																		
Architecture.....	28	1	29	35	1	36	26	.....	26	65	1	66	.....	1	1	154	4	158
Architectural Engineering .....	37	.....	37	44	.....	44	42	.....	42	54	.....	54	.....	.....	.....	177	.....	177
Ceramic Engineering .....	8	.....	8	23	.....	23	19	.....	19	19	.....	19	.....	.....	.....	69	.....	69
Civil Engineering.....	33	.....	33	46	.....	46	47	.....	47	66	.....	66	1	.....	1	193	.....	193
Electrical Engineering .....	37	.....	37	62	.....	62	62	.....	62	106	.....	106	.....	.....	.....	267	.....	267
Mechanical Engineering.....	39	.....	39	52	.....	52	50	.....	50	108	.....	108	.....	.....	.....	249	.....	249
Mining Engineering.....	2	.....	2	10	.....	10	6	.....	6	12	.....	12	.....	.....	.....	30	.....	30
Municipal and Sanitary Engineering .....	5	.....	5	9	.....	9	4	.....	4	7	.....	7	.....	.....	.....	25	.....	25
Railway Civil Engineering.....	4	.....	4	4	.....	4	4	.....	4	7	.....	7	.....	.....	.....	19	.....	19
Railway Electrical Engineering .....	3	.....	3	7	.....	7	2	.....	2	5	.....	5	.....	.....	.....	17	.....	17
Railway Mechanical Engineering.....	2	.....	2	2	.....	2	2	.....	2	5	.....	5	.....	.....	.....	11	.....	11
Total.....	198	1	199	294	1	295	264	.....	264	454	1	455	1	1	2	1,211	4	1,215
Agriculture—																		
General .....	162	8	170	223	2	225	223	6	229	442	17	459	22	4	26	1,072	37	1,099
Household Science.....	.....	19	19	.....	41	.....	19	.....	19	.....	39	39	.....	3	.....	.....	121	121
Total.....	162	27	189	223	43	266	223	25	248	442	56	498	22	7	29	1,072	158	1,231
Music.....	2	7	9	.....	6	6	1	11	12	1	37	38	6	18	24	11	78	89
Total, undergraduates at Urbana.....	514	158	672	709	189	898	794	202	996	1,567	458	2,025	37	31	68	3,625	1,041	4,667

Law.....				18		18	31	13	31	38	26	38	1		1	88		88
Library School .....							1		14	3		29				4	39	43
Total, undergraduates and professional schools. at Urbana.....																3,717	1,080	4,798
Graduate School.....																407	77	484
Total at Urbana, Winter Session.....																4,124	1,157	5,282
Summer Session (1915)— Undergraduates .....																560	358	918
Graduate Students .....																87	23	110
Total, Summer Session.....																647	381	1,028
Total at Urbana, to February 23, 1916.....																4,771	1,538	6,310
	Fourth year.			Third year.			Second year.			First year.			Specials.					
Medicine (Chicago).....	103	7	110	45	3	48	18	2	20	43	4	47	1		1	210	16	226
Dentistry (Chicago).....				33	1	34	26		26	64	4	68				123	5	128
Pharmacy (Chicago)— Ph.G. Curriculum .....							52	3	55	85	5	90	38		38	175	8	183
Ph.C. Curriculum .....							5		5	4	2	6	1		1	10	2	12
Total Pharmacy.....							57	3	60	89	7	96	39		39	185	10	195
Total in Chicago.....																518	31	549
Total in University to February 23, 1916.....																5,290	1,569	6,859
Duplicates to be deducted— Summer Session undergraduates returned for Winter Session.....																244	100	344
Summer Session graduate students returned for Winter Session.....																46	7	53
Other duplicate registrations .....																20	5	25
Total duplicates .....																310	112	422
Net total to June 30, 1916.....																4,979	1,457	6,437

# PROCEEDINGS OF THE BOARD OF TRUSTEES OF THE UNIVERSITY OF ILLINOIS FOR THE YEAR ENDING JUNE 30, 1915.

## MEETING OF JULY 11, 1914.

A special meeting of the Board of Trustees of the University of Illinois was held at the Blackstone Hotel, in the city of Chicago, at 10.00 a. m., on Saturday, July 11, 1914, pursuant to the following notice which was sent out by the Secretary on July 3, 1914:

Upon the call of the President, Mr. W. L. Abbott, there will be a special meeting of the Board of Trustees of the University of Illinois at the Blackstone Hotel, in Chicago, on Saturday, July 11, 1914, at 10.00 a. m., to consider such matters as the committees of the board and the President of the University may submit, and such other matters as may be duly presented.

When the board convened, the following members were present: President Abbott, Mrs. Busey, Mrs. Evans, Mrs. Henrotin, Mr. Hoit, Mr. Montgomery, Mr. Trevett, Miss Watson. President James was present, and, also, during the morning session, Prof. J. M. White, Supervising Architect, and Mr. James B. Dibeika, State Architect.

### MINUTES APPROVED.

The Secretary presented the minutes of the quarterly meeting of June 9, 1914, and of the adjourned sessions of June 15 and 16, 1914. On motion of Mrs. Henrotin, the minutes were approved as printed above on pages 753 to 786, inclusive. (Report, 1914.)

### MATTERS PRESENTED BY THE PRESIDENT OF THE UNIVERSITY.

The board proceeded to the consideration of the following matters presented by President James:

#### LABORATORY FEES.

(1) A letter from Dr. Kendrick C. Babcock, Secretary of the Council of Administration, concerning laboratory fees:  
*Dr. Edmund J. James, President.*

DEAR MR. PRESIDENT: At a special Council meeting held on June 19, 1914, it was voted to recommend to the Board of Trustees the approval of the following new laboratory fees and changes in laboratory fees:

<i>Architecture.</i>			
Architecture 16.....	\$1 00	Architecture 45.....	\$1 50
Architecture 32.....	1 00	Architecture 46.....	1 50
<i>Architectural Engineering.</i>			
Architecture 31.....	\$1 00	Architecture 46.....	\$1 50
Architecture 43.....	1 00	Architecture 47.....	1 50
Architecture 44.....	1 00	Architecture 48.....	1 50
Architecture 45.....	1 50	Architecture 68.....	1 50
<i>Bacteriology.</i>			
Bacteriology (Botany) 6.....		Bacteriology (Botany) 103.....	
.....(instead of \$1.50)	\$4 00	.....(instead of \$6)	\$3 00
Bacteriology (Botany) 19.....	7 50	Bacteriology (Botany) 105.....	3 00
Bacteriology (Botany) 26.....	5 00		
<i>Botany.</i>			
Botany 1.....(instead of \$3)	\$2 00	Botany 9 (instead of \$3) per hour	\$0 50
Botany 2a.....	1 50	Botany 10.....	1 00
Botany 2b.....	1 00	Botany 15.....per hour	50
Botany 3a.....	3 00	Botany 16.....	1 00
Botany 3b.....	2 00	Botany 17.....	1 00
Botany 4.....(instead of \$1.50)	1 00	Botany 20.....	1 00
Botany 4a.....	1 00	Botany 104.....	3 00
Botany 4b.....	1 00	Botany 106.....(instead of \$3)	4 00

<i>Chemistry.</i>			
Chemistry 69 ....(instead of \$3)	\$5 00	Chemistry 104 .....	\$5 00
Chemistry 78 .....	3 00	Chemistry 104a .....	5 00
<i>Theoretical and Applied Mechanics.</i>			
T. & A. M. 15.....	\$2 00	T. & A. M. 25.....	\$2 00
T. & A. M. 29.....	2 00	T. & A. M. 26.....	1 00
<i>Zoology.</i>			
Zoology 11....(instead of \$1.50)	\$3 00	Zoology 22.....	\$2 00

All of these proposed changes have been carefully gone over by the head of each department concerned and the deans of the respective colleges, and seem to be fully warranted in each case. The amounts proposed are those necessary to cover the actual cost of materials furnished to and used up by the individual student in his laboratory work.

Sincerely yours,

KENDRIC C. BABCOCK,  
*Secretary, Council of Administration.*

On the recommendation of President James and on motion of Mrs. Busey, the new laboratory fees and changes in fees were approved as recommended.

#### APPOINTMENT TO THE ADVISORY BOARD OF THE SCHOOL OF PHARMACY.

(2) A letter from Mr. W. B. Day, as Secretary of the Illinois Pharmaceutical Association, stating that at the annual meeting of the association the list of the following persons was chosen from which one is to be appointed as a member of the Advisory Board of the School of Pharmacy to fill the vacancy caused by the expiration of the term of Mr. E. H. Ladish, of Chicago, whose term expires June 30, 1914, viz:

George F. Shreve, Jacksonville.  
J. C. Wheatcroft, Grayville.  
B. A. C. Hoelzer, Chicago.

As the southern portion of the State is not represented on the Advisory Board at the present time, and as Mr. Wheatcroft is highly recommended, I nominate J. C. Wheatcroft, of Grayville, Ill., as a member of the Advisory Board of the School of Pharmacy of the University of Illinois, for the term of five years, to fill the vacancy caused by the expiration of the term of Mr. E. H. Ladish.

On motion of Mrs. Evans, Mr. J. C. Wheatcroft, of Grayville, was appointed as recommended.

#### OFFERS OF LAND.

(3) Three communications offering to sell to the University land in Urbana and Champaign in the vicinity of the University:

##### PROPERTY NEAR ATHLETIC ASSOCIATION LOTS.

I. A communication from Walter B. Riley, of Champaign, Ill., relative to the possible sale of a tract of land in Champaign, formerly owned by James R. Scott, and bounded by Daniel, First, and Davidson Streets, and the Illinois Central right of way. Mr. Riley states that the tract of land contains twenty-one acres plus. In computing this acreage, all of Daniel and First Streets have been excluded, but the streets and alleys south of Daniel and west of First have been included, except that portion of Davidson Street formerly a portion of the tract of land purchased by the Athletic Association.

There are fifty-one lots within this area which can be purchased for \$47,350 more or less. About twenty lots within this acreage are owned by other people.

##### PROPERTY OPPOSITE NATURAL HISTORY BUILDING.

II. A proposition, dated June 9, from Mary A. Brown to convey to the University the property on the northeast corner of Mathews Avenue and Illinois Street in Urbana, including the vacant corner lot, the house adjacent to the lot, owned by her son, and the two houses between the said corner and the University Club property, being 120 feet on Mathews Avenue and 198 feet on Illinois Street, for the sum of \$25,000. There are mortgages on the properties aggregating \$12,000, which may remain or be renewed if desired.

##### PROPERTY AT GREEN AND WRIGHT STREETS.

III. A communication from Otis M. Green, Esq., Urbana, Ill., offering for sale property at the southwest corner of Wright and Green Streets in the city of Champaign, having approximately a frontage of 125 feet on Wright Street and 174½ feet on Green Street, with a suggestion that this property may be obtained for the sum of \$15,000.

All these offers were referred to the Finance Committee for consideration and report.

#### DESIGN FOR EDUCATION BUILDING APPROVED.

(4) The design for the building for the School of Education.

At this point, the Supervising Architect introduced Mr. James B. Dibelka, State Architect, who presented the merits of the design submitted by him. The style of this design is an adaptation of the English collegiate gothic.



On motion of Mrs. Henrctin, the general design of the building submitted by the State Architect was approved.

#### RELATIONS OF THE UNIVERSITY WITH THE STATE ARCHITECT.

At the request of President James, the Supervising Architect made a statement concerning the relations existing between the University and the State Architect, to the effect that under the present system it is impossible to prepare plans for buildings in advance of appropriations. The Auditor of Public accounts has ruled that the State Architect may collect fees only on the basis of contracts actually awarded. If a branch of the State Architect's office could be installed at the University, the preliminary plans for proposed buildings could be prepared here at less expense than at present, and the cost could be deducted from the State Architect's commissions. All such plans would be submitted to the State Architect for approval and would bear his name.

Mr. Dibelka said that he desired to cooperate with the University in every possible way, and that he was in favor of some arrangement similar to the one outlined by Prof. White.

On motion of Dr. Montgomery, President Abbott was requested to appoint a committete\* to act with the Supervising Architect and the State Architect in formulating the terms of a plan for cooperation with the State Architect, and to report the plan to the board.

#### BUDGET AND BUILDING POLICY.

President James made the following statement concerning the policy of the University with respect to the budget and the letting of contracts for new buildings:

The process of budget making for the present biennium has been an extremely difficult one, owing to a number of peculiar circumstances. Aside from the usual, somewhat insistent, demands from the various departments for increase in their allowances, which is always with us, a change in the method of keeping the funds of the University compels a continual readjustment of budget proposals. Under the interpretation of the Supreme Court in this State, money in the State treasury on the 30th day of September, following the close of the biennium, reverts to the treasury and must be reappropriated if the various institutions are to have the benefit of it. This compels us to adjust our budget so that the appropriations granted by the Legislature can be used up within the biennium. The board can no longer appropriate the sum of \$100,000 for a building and hold that sum in the treasury until the building is completed and paid for, as any balance in the hands of the State Treasurer would revert on the 30th day of September, no matter what contracts the board might have entered into. This may necessitate, as a consequence, for example, the starting of two or three buildings which the University needs, instead of the completion of one, with the money which may be set aside for this purpose, owing to the impossibility of finishing a building within the time.

The ever increasing regulation of University affairs by the State Civil Service Commission makes it difficult to adopt and maintain an efficient system of business and clerical administration. The dependence of the University upon the office of the State Architect for preparing plans has introduced another embarrassing and retarding element in the making and execution of building plans.

Our present appropriation bill is quite different in form from any preceding one and the uncertainty as to the interpretation which the State Auditor and State Treasurer might put upon its provisions proved a still further source of embarrassment. The unexpectedly large appropriations for the purchase of land during the biennium has been another serious difficulty in the way of providing for pressing necessities for equipment and increase of force in the various departments.

I am at the present time therefore able to present only a part, of the budget for the coming year—that relating to the appointment of members of the instructional staff. As soon as the Registrar has completed the classification of positions under the Civil Service Law, I shall be able to submit the clerical and administrative budget. The expense budget must, to a certain extent, wait upon the determination of these two.

The Trustees have adopted a general building program as follows:	
Addition to the Chemistry Building.....	\$250,000
Administration Building.....	125,000
School of Education Building.....	120,000
Engineering and Ceramics Building.....	120,000
Woman's Residence Hall.....	100,000

Total .....	\$715,000
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\* President Abbott later announced the following committee: The Finance Committee and the Supervising Architect.

This is a total of \$715,000 besides the appropriations for the Armory, the Botanical Laboratory, the Vivarium, Insectary, and Pond for the Department of Zoology, the extension to the Heating, Lighting, and Power Plant, the small Observatory and the Storehouse, all in addition to the various building projects for the Agricultural College and Experiment Station.

It is quite evident that no one of the larger buildings can be completed during the coming year, owing to the physical impossibility of preparing the plans, calling for bids, awarding contracts, and constructing the building.

I would suggest therefore that the board authorize the preparation of plans for the above buildings based on the sums indicated and that the board then appropriate for the year 1914-15 such sums for one or more of these buildings as can probably be properly spent up to July 1, 1915; these sums would be determined by the amount available for building after the salary budget and expense budget have been approved. I would further suggest that contracts be let for the entire buildings as far as practicable.

The adoption of the mill tax by the Legislature was undoubtedly intended to enable the Trustees to carry out a well-considered building program, over a series of years, and this is the only way in which such a program can be pursued.

The board discussed this matter at some length, but took no action.

At 12.20 p. m., the board took a recess, for luncheon, until 1.30 p. m.

### Afternoon Session.

When the board reconvened after luncheon, the same members were present as during the morning session.

#### MATTERS PRESENTED BY THE PRESIDENT OF THE UNIVERSITY.

President James continued the presentation of matters for the consideration of the board.

##### PAYMENT ON MORTGAGE, COLLEGE OF MEDICINE.

(5) A letter from Prof. G. E. Frazer, Comptroller, requesting the board's approval of his act in making a payment of \$10,000 on the principal of notes issued by the College of Physicians and Surgeons and held by the Chicago Board of Education, secured by a mortgage on the medical property, occupied and owned by the University of Illinois in the city of Chicago, together with semi-annual interest at the rate of 5 per cent on \$66,000, amounting to \$1,650—a total payment of \$11,650 due July 1, 1914.

On the recommendation of President James and on motion of Dr. Montgomery, the action of the Comptroller was approved.

##### LEASE OF PHARMACY BUILDING.

(6) A recommendation from Mr. W. B. Day, Actuary of the School of Pharmacy, that the Board of Trustees take a two-year lease on the quarters occupied by the University of Illinois School of Pharmacy, at the present rental, from April 30, 1915. The present lease runs until that time. The owners decline to give a lease for another year from May 1, 1915, at the same annual rental, but will give a two-year lease on the same terms, from the same date, running to April 30, 1917. They demand an increase of \$1,000 a year in the rental if it is to be only for one year from April 30, 1915.

On motion of Mrs. Busey, the Comptroller was authorized to take a lease of the building occupied by the School of Pharmacy for two years from April 30, 1915, at the present rental of \$6,000 a year, with the condition that the University may give up the property at the end of one year from April 30, 1915, upon payment of \$1,000 to make the annual rental \$7,000 for the year ending April 30, 1916.

##### PRICE OF LOT FOR SCHOOL OF PHARMACY.

In this connection, President Abbott reported concerning the lot for the School of Pharmacy, the purchase of which was authorized by the board at the meeting of April 22, 1914, (see page 670) that the owner of the lot had died and that as the administrators of the estate had set the price at \$60,000, it was impossible to proceed with the purchase.

##### TYPHOID FEVER SITUATION.

(7) A report of an investigation of certain cases of typhoid fever in Urbana and Champaign during the past spring, prepared by H. P. Corson of the Illinois Water Survey and Dr. J. Howard Beard, Instructor in the Department of Physiology, and submitted by Dean Thomas A. Clark.

On motion of Mrs. Henrotin, this report was received for record, to be printed separately for distribution.

**ADDITIONAL COMPANIES IN CADET CORPS.**

(8) A recommendation from Major F. D. Webster, Professor of Military Science, that the four additional companies in the military cadet regiment, authorized by the action of the board on June 9, 1914, be constituted into an extra battalion.

This will make a brigade for the University of Illinois. It will necessitate seven new military scholarships, in addition to the twelve scholarships created on June 9, 1914, (see page 760, Report, 1914).

On motion of Mrs. Evans, the President of the University was authorized to arrange for the organization of the Cadet Corps as a brigade, to appoint the additional officers required, and to assign military scholarships to the appointees.

**ENDOWED SCHOLARSHIPS IN THE COLLEGE OF MEDICINE.**

(9) A letter from Mrs. William G. Willard of the Woman's Board of Missions of the Interior (Congregational), 19 South LaSalle Street, Chicago, offering the sum of \$1,000 to the Trustees of the University of Illinois, if they will establish a scholarship in the College of Medicine of the University of Illinois which shall provide for the tuition of a student under training for the foreign missionary service in connection with the Woman's Foreign Board of Missions of the Interior.

On the recommendation of President James and on motion of Dr. Montgomery, the President of the University was requested to express the appreciation of the board for the interest shown by the Women's Board of Missions of the Interior, and to state that the Board of Trustees regrets that the acceptance of this endowment, not adequate for the support of a scholarship, involves a precedent that the University can not now establish.

**ENLISTMENT OF INSTRUCTORS IN THE NATIONAL GUARD.**

(10) A letter from Mr. W. J. Carmichael, Assistant in Animal Husbandry, concerning the propriety of enlisting in the Illinois National Guard.

On motion of Mrs. Henrotin, it was voted that the board deems such enlistments by the members of the instructional and administrative force of the University both proper and desirable, and that the President of the University has authority to extend the vacation time of any member of the staff by the amount of time such member may be called upon to be absent for duty in the National Guard.

**DEPOSIT FEE FOR KEYS.**

(11) A recommendation from James M. White, Supervising Architect, concerning an amendment to the regulation established by the Board of Trustees March 5, 1913, requiring that 50 cents be deposited for each key issued for every building, room, or desk. (See page 182, Report, 1914.) The matter of issuing keys to the University buildings is a difficult and sometimes annoying item of University administration. We have tried various plans and I have finally vested the authority to issue keys to the University buildings, to call them in, and keep track of where they are, in the office of the Supervising Architect. He requests that the regulation of the board on the subject be amended to read: "A deposit of 50 cents shall be charged for each outside door key issued by the University, except to employees in the Operating Department."

On the recommendation of President James and on motion of Mr. Hoit, it was voted that a deposit of 50 cents should be required for every outside door key, except in the case of employees in the Operating Department.

**USE OF SWIMMING POOL BY WOMEN EMPLOYEES.**

(12) A request from Miss Marjorie H. Gage, transmitted by Miss Verna C. Brooks, Acting Director of Physical Training for Women, that the women employees of the University shall be permitted to use the swimming pool in the Woman's Gymnasium.

On motion of Mrs. Evans, it was voted that such permission be extended so far as is consistent with the interests of the students, under such regulations as may be adopted by the Director of Physical Training for Women, approved by the President of the University.

**STREET CAR LINE EAST OF FORESTRY.**

(13) A communication from Hon. W. B. McKinley, transmitted by the Supervising Architect, withdrawing the request of the Urbana Railway, Gas, and Electric Company for permission to construct a street car track on Lincoln Avenue along the parking east of the Forestry. (See page 761, Report, 1914.)

No action was taken concerning this matter.

**OPENING OF STREET THROUGH PHARMACY LOT.**

(14) A statement calling the attention of the Board of Trustees to the report of President Abbott concerning the opening of the alley through the lot belonging

to the School of Pharmacy, and Mr. Abbott's recommendation that the lot be offered for sale. (See page 758, Report, 1914.)

No action was taken concerning this matter.

#### UNIVERSITY COMMITTEE ON ACCOUNTANCY.

(15) A letter from the University Committee on Accountancy:

URBANA, ILL., May 30, 1914.

*President Edmund J. James, University of Illinois.*

DEAR MR. PRESIDENT: At a meeting of the University Committee on Accountancy held May 23, 1914, the following resolutions were adopted for the consideration of the President and the Board of Trustees:

I. The Committee on Accountancy recommends that the following paragraph be added to the University regulations on examinations in accountancy, with the understanding that it shall be numbered "Paragraph 2" and that the other paragraphs shall be renumbered accordingly:

"Paragraph 2.—For admission to the accountancy examinations, the University will accept as evidence of the completion of a four-years' high school course or its equivalent:

(a) A certificate of graduation from a four-year high school in Illinois or in any state with similar standards of high school education.

(b) Credentials from principals or superintendents of four-year public high schools or accredited private secondary schools showing the completion of fifteen units of high school work.

(c) A certificate of admission to any college requiring a four-year high school course and listed by the United States Commissioner of Education in his annual report as a college.

(d) A certificate of graduation from any state normal school in the United States.

(e) A certificate showing that the applicant has passed examinations on the subject matter of a four-year high school course under the supervision and direction of educational bodies or individuals whose certificate would be accepted for admission to the University of Illinois.

(f) The passing of examinations set for admission to the accountancy examination by the University itself.

II. The Committee on Accountancy recommends that Paragraph I of the University Regulations be amended so that the last two lines shall read: "Consisting of the Registrar and two other members of the University staff, to be appointed by the President."

III. The committee recommends that the regulations on the subject of the examinations be amended by the insertion of a new paragraph, to be designated as Paragraph 3, to read as follows: "That the Registrar of the University be authorized to admit applicants for the C. P. A. examinations without fee to the entrance examinations conducted by the Registrar at the College of Medicine of the University in the fall of each year; and be authorized further to conduct within the three weeks preceding each C. P. A. examination a set of examinations in high school subjects to which applicants for the C. P. A. examination may be admitted without fee."

Very sincerely yours,

MAURICE H. ROBINSON,  
*Secretary, C. P. A. Committee.*

It seems to me that the above recommendations are good, except the last. I do not see why the University should be holding examinations free of charge for people who are not students, and have no intention of becoming students of the University. The conduct of examinations is an expensive matter. I would suggest that the recommendation of the University committee be approved, except that the last one be amended to read: "That the Registrar of the University be authorized to admit applicants for the C. P. A. examinations to the entrance examinations conducted by the Registrar at the College of Medicine of the University in the fall of each year, upon the payment of a fee of \$5; and be authorized further to conduct within three weeks preceding each examination, a set of examinations in high school subjects to which applicants for the C. P. A. examination may be admitted upon the payment of a fee of \$5."

On the recommendation of President James and on motion of Dr. Montgomery, the recommendations of the committee were approved, with the provision that a fee of five dollars (\$5) should be charged each candidate for examinations under Paragraph III.

#### CONSOLIDATION OF FUNDS.

(16) Letters from Prof. George E. Frazer, Comptroller, concerning the consolidation of the funds as treated in the reports of the Comptroller:

May 12, 1914.

*President Edmund J. James, University of Illinois.*

DEAR SIR: In connection with my letter of April 24, 1914, concerning the amendment of present board regulations as to University funds, I desire to recommend that, if the Board of Trustees approves the proposed plan of discontinuing the Medicine and Pharmacy Funds, the Comptroller be authorized to transfer to the General Fund balances existing in the Medicine and Pharmacy Funds, providing that a sufficient balance be left in the Medicine Fund and in the Pharmacy Fund to cover all outstanding warrants against the funds.

I recommend further that all cash held on account of Trust Funds be transferred from the General Fund into a Trusts Fund on July 1, 1914.

Very truly yours,

GEORGE E. FRAZER, *Comptroller.*

*President Edmund J. James, University of Illinois.*

DEAR SIR: It will be a great convenience to me if the Board of Trustees, at their meeting of June 9, will take action on the following matters:

(1) Sub-paragraph 2 of Paragraph M of section 34 of the statutes of the University is hereby amended so as to read as follows:

"The University Treasurer and Comptroller shall account for all moneys in the hands of the University Treasurer under three funds, which shall be known as the "General University Fund," the "Agricultural Experiment Station Fund," and the "Trusts Fund."

(2) The University Treasurer and Comptroller are authorized, on June 15, 1914, to transfer to the "General Funds" any balances existing in the College of Medicine Fund, and the School of Pharmacy Fund, providing that a sufficient cash balance be left in the College of Medicine Fund and the School of Pharmacy Fund, to cover all warrants outstanding against those funds as at June 15, 1914.

Very truly yours,

GEORGE E. FRAZER, *Comptroller.*

On the recommendation of President James and on motion of Mrs. Evans, the consolidation of funds was authorized as requested by the Comptroller.

#### LABORATORY IN OLD STOCK JUDGING ROOM.

(17) A request from the Department of Animal Husbandry, approved by the Dean of the College of Agriculture and the Supervising Architect, for an appropriation of \$5,000, or so much thereof as may be necessary, for the construction and finishing of a new laboratory for students in the Animal Husbandry Chemical Courses. This laboratory is to be constructed in the old stock judging room in the Agricultural Building. The cost of construction is to be charged to the Agricultural Funds, and divided between the Animal Husbandry and Dairy Departments, in accordance with the plan to be submitted later.

On the recommendation of President James and on motion of Mr. Hoit, the sum of five thousand dollars, or so much thereof as may be required, was appropriated for the construction of laboratories for students in Animal Husbandry and Dairy Husbandry in the old stock judging room in the Agricultural Building. The vote was as follows: Ayes, Mr. Abbott, Mrs. Busey, Mrs. Evans, Mrs. Henrotin, Mr. Hoit, Mr. Montgomery, Mr. Trevett, Miss Watson; noes, none; absent, Mr. Blair, Mr. Dunne, Mr. Meeker, Mr. Moore.

#### REQUEST FOR LAND FOR THE DEPARTMENT OF HORTICULTURE.

(18) A request from Prof. J. C. Blair, head of the Department of Horticulture and acting for Dean Davenport in the latter's absence, that the Board of Trustees should take definite action assigning the 320 acre block of land recently purchased by the University, and lying east of Lincoln Avenue, to the use of the Department of Horticulture, with the understanding that the permanent field laboratories of this department be condensed upon this block of land, and as rapidly as possible its plantings be removed from the present site west of Wright Street.

This request was received for record, and the President of the University was requested to bring the matter up at the next meeting of the board.

#### BILL FOR TRANSPORTATION OF VISITORS.

(19) A statement concerning the entertainment of visitors to the University: The question of entertainment of visitors at the University of Illinois has been a difficult and annoying one. It will be remembered that the Board of Trustees directed the appointment of a committee (see page 402, Report, 1914) to consider this question, but the committee has not yet made any report.

I appointed a committee consisting of Dean Kinley, Dean Davenport, Dean Richards, and the Comptroller during the past year to see if they could make a satisfactory formulation of a reasonable policy in this respect. They have not yet made their report.

Some of the men responsible for University administration seem to think that when a man shows interest enough in the University of Illinois to visit the institution, he should receive free transportation and free entertainment in the hotel. It is evident that the general adoption of such a principle would lead to such a large expenditure under this head as would not meet the approval of the People of the State. On the other hand, it is certainly reasonable and proper that the University should undertake to provide for certain expenses of this sort.

I have received a letter from Prof. J. C. Blair, acting in place of Dean E. Davenport, who is on his vacation, enclosing and endorsing a communication from Mr. Fred H. Rankin, head of the Department of Agricultural Extension. This communication calls attention to the fact that he found it necessary to provide transportation for certain alumni of the institution who wished to visit the agricultural plots. That he had used his own private car for this purpose as far as it would go, and there being other demand for such opportunities he had hired an auto and herewith presented the bill. The whole question is a difficult one and calls for some definite formulation of policy on the part of the Board of Trustees in order that individual officials shall know exactly what they are authorized to do.

On the recommendation of President James and on motion of Mrs. Busey, it was voted that, pending further action by the Board of Trustees, the Comptroller should in the future pay bills for the transportation and entertainment of visitors and guests at the University only when such

visitors and guests shall have rendered a definite service to the University, which fact shall appear in the voucher.

#### PURCHASE OF AUTOMOBILE TRUCK.

(20) A request from Prof. J. C. Blair, head of the Department of Horticulture, for the purchase of an automobile truck, for field work, at a cost of \$1,313.

This matter was discussed at some length, but action was deferred until later.

#### ADDITIONAL APPROPRIATION FOR PIPE ORGAN.

(21) A recommendation from the Supervising Architect that an additional appropriation of \$700 be made for the purpose of placing in the new organ, ordered for the Auditorium, a 32-foot pedal stop. This stop consists of a 32-foot acoustic base made up of 32 metal pipes and wind chest. It should be made a part of the completed organ and, unless put in at this time, it will cost considerably more to put it in place, owing to the necessity of removing the grill and probably of removing other pipes.

This recommendation was approved and the appropriation was made by the following vote: Ayes, Mr. Abbott, Mrs. Busey, Mrs. Evans, Mrs. Henrotin, Mr. Hoit, Mr. Montgomery, Mr. Trevett, Miss Watson; noes, none; absent, Mr. Blair, Mr. Dunne, Mr. Meeker, Mr. Moore.

#### SALARY BUDGET.

(22) The salary budget of the instructional staff of the University for the academic year 1914-15, as follows:

(NOTE.—All appointments date from September 1, 1914, unless otherwise explicitly noted: "Indef."—on indefinite tenure; "C. S."—Civil Service appointment.)

#### COLLEGE OF LIBERAL ARTS AND SCIENCES.

##### Art and Design.

Edward J. Lake, Assistant Professor (Indef.)	\$2,250 00
Charles F. Kelley, Associate (2 years from Sept. 1, 1913)	1,800 00
Mary W. Wetmore, Instructor (10 months)	1,500 00
Charles E. Bradbury, Instructor (10 months)	1,400 00
Total	\$6,950 00

##### Astronomy.

Joel Stebbins, Professor (Indef.)	\$3,500 00
Frank W. Reed, Instructor (10 months)	1,400 00
A. I. Samuels, Research Assistant (10 months)	350 00
Total	\$5,250 00

##### Bacteriology.

Otto Rahn, Assistant Professor (3 years, from Sept. 1, 1913)	2,700 00
J. A. Sperry, Instructor (10 months)	1,500 00
Lawrence Burton, Assistant (10 months)	600 00
_____, Laboratory Helper	300 00
Total	\$5,100 00

##### Botany.

William Trelease, Professor (Indef.)	5,000 00
Charles F. Hottes, Professor of Plant Physiology (Indef.)	3,000 00
Frank L. Stevens, Professor of Plant Pathology (Indef.)	4,000 00
Stella M. Hague, Instructor (10 months)	1,000 00
Walter B. McDougall, Instructor (10 months)	1,200 00
Rosalie M. Parr, Assistant (10 months)	800 00
B. E. Quick, Assistant (10 months)	600 00
Ernest M. R. Lamkey, Assistant (10 months)	600 00
F. E. Kempton, Assistant (10 months)	600 00
Nora E. Dalbey, Assistant (10 months)	600 00
Henry D. Waggoner, Assistant (10 months)	600 00
_____, Assistant (10 months)	600 00
W. E. Pickler, Graduate Assistant (10 months)	300 00
R. L. Davis, Graduate Assistant (10 months)	300 00
Robert Fleg, Laboratory Helper (C. S.)	600 00
Total	\$19,800 00

##### Ceramics.

Ray T. Stull, Acting Director of the Courses in Ceramics (1 year)	3,000 00
Ralph K. Hursh, Instructor (10 months)	1,600 00
Barney S. Radcliffe, Instructor (10 months)	1,200 00
A. E. Williams, Instructor (10 months)	1,300 00
R. R. Danielson, Assistant (10 months)	750 00
Total	\$7,850 00

##### Chemistry.

William A. Noyes, Professor and Director of the Chemical Laboratory (Indef.)	5,000 00
Samuel W. Parr, Professor of Applied Chemistry (Indef.)	4,000 00

Edward Bartow, Professor of Sanitary Chemistry (Indef.) and Director of the State Water Survey (1 year)—salary under State Water Survey.	
Clarence W. Balke, Professor of Inorganic Chemistry (Indef.)	\$3,000 00
Edward W. Washburn, Professor of Physical Chemistry (Indef.)	3,500 00
David F. McFarland, Assistant Professor of Applied Chemistry in the College of Liberal Arts and Sciences and in the Engineering Experiment Station (1 year)—salary \$2,200, paid from the Engineering and State Geological Survey Funds—see under Engineering Experiment Station.	
George M. Smith, Assistant Professor (2 years from Sept. 1, 1913)	2,000 00
Clarence G. Derick, Assistant Professor (2 years from Sept. 1, 1913)	2,000 00
Henry C. P. Weber, Assistant Professor (2 years, from Sept. 1, 1913)	2,000 00
George D. Beal, Associate (2 years from Sept. 1, 1914)	2,000 00
B. Smith Hopkins, Associate (2 years from Sept. 1, 1914)	1,500 00
Duncan A. MacInnes, Associate (2 years from Sept. 1, 1914)	1,500 00
Lambert Thorpe, Instructor (10 months)	1,200 00
Charles G. MacArthur, Instructor (10 months)	1,500 00
Henry J. Broderson, Instructor (10 months)	1,300 00
Jessie Y. Cann, Instructor (10 months)	1,200 00
C. H. Hecker, Instructor (10 months)	1,200 00
H. L. Olin, Instructor (10 months)	1,200 00
E. O. Heuse, Instructor (10 months)	1,200 00
George W. Sears, Instructor (10 months)	1,200 00
Bronislav R. Honovski, Research Assistant (10 months)	900 00
Oliver Kamm, Assistant (10 months)	600 00
Harry P. Corson, Assistant in Sanitary Chemistry (10 months) and Chemist and Bacteriologist in the State Water Survey—salary under State Water Survey.	
H. D. Valentine, Assistant (10 months)	600 00
T. E. Ball, Assistant (10 months)	600 00
Scott C. Taylor, Assistant (10 months)	600 00
Ernest A. Wildman, Assistant (10 months)	600 00
John W. Read, Assistant (10 months)	600 00
Bert S. Davisson, Assistant (10 months)	600 00
H. C. Kremers, Assistant (10 months)	500 00
Raymond W. Hess, Assistant (10 months)	600 00
Edward W. Engle, Assistant (10 months)	600 00
E. Wichers, Assistant (10 months)	500 00
Paul Anders, Assistant in Glass Blowing (10 months)	1,170 00
E. A. Rees, Assistant (10 months)	500 00
Henry J. Weiland, Assistant (10 months)	500 00
Juanita E. Darrah, Assistant (10 months)	500 00
Ernest F. Charlton, Assistant (10 months)	500 00
William A. Manuel, Assistant (10 months)	500 00
E. H. Taylor, Graduate Assistant (10 months)	350 00
R. W. Tippet, Graduate Assistant (10 months)	350 00
H. L. Gerry, Graduate Assistant (10 months)	300 00
Glenn S. Skinner, Graduate Assistant (10 months)	300 00
S. A. Braley, Graduate Assistant (10 months)	350 00
C. N. Davidson, Graduate Assistant (10 months)	300 00
D. W. Bissel, Graduate Assistant (10 months)	300 00
Steward D. Marquis, Graduate Assistant (10 months)	350 00
J. T. Ford, Graduate Assistant (10 months)	300 00
A. M. Hjort, Graduate Assistant (10 months)	300 00
T. O. Westhafer, Graduate Assistant (10 months)	300 00
A. D. Shepard, Graduate Assistant (10 months)	300 00
R. W. Allen, Graduate Assistant (10 months)	300 00
Paul C. Rich, Graduate Assistant (10 months)	300 00
Paul M. Dean, Graduate Assistant (10 months)	300 00
C. Barbre, Graduate Assistant (10 months)	300 00
J. B. Lucas, Graduate Assistant (10 months)	300 00
E. W. Fielding, Graduate Assistant (10 months)	300 00
W. G. Karr, Graduate Assistant (10 months)	300 00
E. M. A. Chandler, Student Assistant (10 months)	100 00
F. H. Eldred, Student Assistant (10 months)	100 00
J. M. Janson, Student Assistant (10 months)	100 00
W. D. Hatfield, Student Assistant (10 months)	100 00
C. W. Burkhardt, Student Assistant (10 months)	100 00
E. H. Vollweiler, Student Assistant (10 months)	100 00
H. E. Lee, Student Assistant (10 months)	100 00
Frank Footitt, Student Assistant (10 months)	100 00
A. F. Hakanson, Student Assistant (10 months)	100 00
H. C. Eckstein, Student Assistant (10 months)	100 00
Thomas Peel, Laboratory Helper (C. S.)	720 00
<b>Total</b>	<b>\$54,590 00</b>
<b>Classics.</b>	
Herbert J. Barton, Professor of the Latin Language and Literature (Indef.) and Chairman of the Department (1 year)	3,500 00
Charles M. Moss, Professor of the Greek Language and Literature (Indef.)	3,000 00
William A. Oldfather, Associate Professor (Indef.)	3,000 00

Arthur S. Pease, Associate Professor (Indef.) and Curator of the Museum of Classical Art and Archaeology (1 year).....	\$3,000 00
Howard V. Canter, Assistant Professor (3 years from Sept. 1, 1913).....	2,500 00

Total ..... \$15,000 00

**Economics and Accountancy.**

See Courses in Commerce, page 51.

**Education.**

William C. Bagley, Professor (Indef.) and Director of the School of Education (1 year).....	5,000 00
Lotus D. Coffman, Professor (Indef.).....	3,500 00
Charles H. Johnston, Professor of Secondary Education (Indef.)...	3,500 00
Horace A. Hollister, Professor (Indef.) and High School Visitor (1 year)—salary under office of High School Visitor.....	
G. M. Whipple, Assistant Professor (2 years from Sept. 1, 1914)...	2,750 00
Wilford S. Miller, Assistant and Secretary of the School of Education (12 months).....	1,800 00
Charles L. Harlan, Assistant, on half time (10 months).....	500 00
A. L. Hall-Quest, Assistant, on half time (10 months).....	500 00

Total ..... \$17,550 00

**English.**

Stuart P. Sherman, Professor (Indef.) and Chairman of the department (1 year).....	3,700 00
Daniel K. Dodge, Professor (Indef.).....	3,250 00
Thomas A. Clark, Professor of Rhetoric (Indef.) and Dean of Men (1 year). (Total salary, \$6,000).....	1,000 00
Edward Fulton, Associate Professor (Indef.).....	2,100 00
Edward C. Baldwin, Assistant Professor (Indef.).....	2,100 00
Harry G. Paul, Assistant Professor (Indef.).....	2,500 00
Franklin W. Scott, Assistant Professor (3 years from Sept. 1, 1912), and Secretary of the Department (1 year).....	2,400 00
Harrie S. V. Jones, Assistant Professor (3 years from Sept. 1, 1912).....	2,200 00
Thatcher H. Guild,* Associate (2 years from Sept. 1, 1914).....	1,600 00
Jacob Zeitlin, Associate, (2 years from Sept. 1, 1914).....	1,700 00
Clarence V. Boyer, Associate (2 years from Sept. 1, 1914).....	1,700 00
Herbert L. Creek, Associate (2 years from Sept. 1, 1914).....	1,500 00
Charles H. Woolbert, Associate in Public Speaking and English (2 years from Sept. 1, 1913).....	2,000 00
Gertrude Schoepperle, Associate (2 years from Sept. 1, 1914).....	1,400 00
Martha J. Kyle, Instructor (10 months).....	1,300 00
George F. Whicher, Instructor (10 months).....	1,200 00
E. S. Alden, Instructor (10 months).....	1,200 00
Clarissa Rinaker, Instructor (10 months).....	1,200 00
R. C. Whitford, Instructor (10 months).....	1,000 00
Walter A. Buchen, Assistant (10 months).....	1,500 00
H. M. Hillebrand, Instructor (10 months).....	1,300 00
L. H. Harris, Instructor (10 months).....	1,200 00
R. E. Tjeje, Instructor (10 months).....	1,200 00
Easley S. Jones, Instructor (10 months).....	1,200 00
Merwin J. Curl, Instructor (10 months).....	1,400 00
R. S. Loomis, Tutor in Literature (10 months).....	1,200 00
R. O. Stidson, Assistant (10 months).....	1,000 00
Sada A. Harbarger, Assistant (10 months).....	1,000 00
Ruth Kelso, Assistant (10 months).....	1,000 00
Emerson G. Sutcliffe, Assistant (10 months).....	1,000 00
Thomas B. Stanley, Assistant (10 months).....	1,000 00
Lew R. Sarett, Assistant (10 months).....	1,000 00
R. E. Dixon, Assistant (10 months).....	1,100 00
Clyde Beck, Assistant on half time (10 months).....	500 00
_____, Instructor (10 months).....	1,000 00
_____, Instructor (10 months).....	1,000 00

Total ..... \$53,650 00

**Entomology.**

Stephen A. Forbes, Professor (Indef.).....	1,000 00
Alexander D. MacGillivray, Associate Professor of Systematic Entomology (Indef.).....	3,000 00
Justus W. Folsom, Assistant Professor (Indef.).....	2,500 00
Hugh Glasgow, Instructor (10 months).....	1,300 00
Alvah Peterson, Assistant (10 months).....	600 00

Total ..... \$8,400 00

**Geology.**

Charles W. Rolfe, Professor (Indef.).....	3,000 00
William S. Bayley, Professor (Indef.).....	3,000 00
Thomas E. Savage, Assistant Professor (3 years from Sept. 1, 1913).....	2,500 00
John L. Rich, Instructor (10 months).....	1,600 00
H. M. DuBois, Assistant (10 months).....	500 00

\* Deceased, July 21, 1914.



Mason K. Read, Assistant (10 months).....	\$400 00
Arthur Q. Larson, Assistant (10 months).....	600 00
Clarence S. Ross, Assistant (10 months).....	500 00
<b>Total</b> .....	<b>\$12,100 00</b>
<b>German.</b>	
Julius Goebel, Professor (1 year).....	3,750 00
Otto E. Lessing, Professor (Indef.).....	3,500 00
George T. Flom, Associate Professor of Scandinavian (Indef.).....	2,800 00
George H. Meyer, Assistant Professor (Indef.) and Assistant Dean of the College of Liberal Arts and Sciences (1 year).....	*2,500 00
Neil C. Brooks, Assistant Professor (Indef.) and Curator of the Museum of European Culture (1 year).....	2,500 00
Leonard Bloomfield, Assistant Professor of Comparative Philology and German (3 years from Sept. 1, 1913).....	2,000 00
Daisy L. Blaisdell, Instructor (10 months).....	1,000 00
Charles M. Poor, Instructor (10 months).....	1,500 00
Charles A. Williams, Instructor (10 months).....	1,500 00
Armin H. Koller, Instructor (10 months).....	1,400 00
Phillip S. Barto, Instructor (10 months).....	1,200 00
Alexander Green, Instructor (10 months).....	1,350 00
Adolph E. Zucker, Assistant, on half time (10 months).....	500 00
<b>Total</b> .....	<b>\$25,500 00</b>
<b>History.</b>	
Evarts B. Greene, Professor (Indef.).....	5,000 00
Laurence M. Larson, Professor (Indef.).....	3,000 00
Clarence W. Alvord, Professor, on half time (Indef.).....	1,750 00
Albert H. Lybyer, Associate Professor (Indef.).....	2,800 00
William S. Robertson, Assistant Professor (Indef.).....	2,500 00
P. V. B. Jones, Associate (2 years from Sept. 1, 1914).....	1,800 00
T. C. Pease, Associate (3 years from Sept. 1, 1914).....	1,500 00
Arthur C. Cole, Instructor (10 months).....	1,600 00
Elizabeth P. Brush, Assistant (10 months).....	1,000 00
J. Earll Miller, Assistant, on two-thirds time (10 months).....	600 00
_____, Secretary, on half time (10 months).....	400 00
<b>Total</b> .....	<b>\$21,950 00</b>
<b>Mathematics.</b>	
Edgar J. Townsend, Professor (Indef.).....	4,000 00
George A. Miller, Professor (Indef.).....	3,500 00
Henry L. Rietz, Professor of Mathematical Statistics (Indef.) and Statistician in the Agricultural Experiment Station (1 year).....	†1,900 00
James B. Shaw, Assistant Professor (3 years from Sept. 1, 1912)...	2,750 00
Arnold Erich, Assistant Professor (3 years from Sept. 1, 1913)...	2,250 00
Charles H. Sisam, Assistant Professor (3 years from Sept. 1, 1914)...	2,200 00
Arthur R. Crathorne, Associate (2 years from Sept. 1, 1914).....	2,000 00
Ernest B. Lytle, Associate (2 years from Sept. 1, 1914).....	1,800 00
Robert L. Borger, Associate (2 years from Sept. 1, 1913).....	1,500 00
Gustav E. Wahlen, Associate (2 years from Sept. 1, 1913).....	1,400 00
Aubrey J. Kempner, Instructor (10 months).....	1,500 00
William W. Denton, Instructor (10 months).....	1,400 00
Ellis B. Stouffer, Instructor (10 months).....	1,400 00
Edward W. Chittenden, Instructor (10 months).....	1,400 00
Josephine E. Burns, Instructor (10 months).....	1,000 00
Henry C. Zeis, Assistant (10 months).....	600 00
William H. Wilson, Assistant (10 months).....	600 00
Clarence M. Hebbert, Assistant (10 months).....	600 00
Guy W. Smith, Assistant (10 months).....	600 00
Robert H. Marshall, Assistant (10 months).....	600 00
<b>Total</b> .....	<b>\$33,000 00</b>
<b>Philosophy.</b>	
Arthur H. Daniels, Professor (Indef.).....	4,000 00
Boyd H. Bode, Professor (Indef.).....	3,500 00
Queen L. Shepherd, Instructor (10 months).....	1,200 00
Carl Hessler, Assistant (10 months).....	1,000 00
<b>Total</b> .....	<b>\$9,700 00</b>
<b>Photographic Laboratories.</b>	
A. G. Eldredge, Director and Instructor (1 year).....	3,000 00
<b>Physiology.</b>	
William E. Burge, Assistant Professor (1 year).....	2,300 00
J. Howard Beard, Instructor (10 months).....	1,400 00
Alma J. Neill, Assistant (10 months).....	600 00
<b>Total</b> .....	<b>\$4,300 00</b>

\* Salary as Assistant Dean, \$250 additional.

† For remainder of salary see under Administration, College of Agriculture and Agricultural Experiment Station.

**Political Science.**

James W. Garner, Professor (Indef.).....	\$4,000 00
John A. Fairlie, Professor (on leave without salary first half year 1914-15) (Indef.).....	*1,750 00
Walter F. Dodd, Associate Professor (Indef.) (on leave without salary, second half-year 1914-15).....	†1,500 00
John M. Mathews, Associate (2 years from Sept. 1, 1913).....	1,800 00
Russell M. Story, Instructor (10 months).....	1,800 00
A. C. Hanford, Assistant, on half time (10 months).....	500 00

Total ..... \$11,350 00

**Psychology.**

Madison Bentley, Professor (Indef.).....	3,250 00
C. A. Ruckmich, Instructor (10 months).....	1,500 00
James E. De Camp, Assistant (10 months).....	700 00
Sophie Rogers, Graduate Assistant (10 months).....	300 00
_____, Instructor (10 months).....	1,500 00

Total ..... \$7,250 00

**Romance Languages.**

Thomas E. Oliver, Professor (Indef.).....	3,000 00
David H. Carnahan, Associate Professor (Indef.).....	2,700 00
John D. Fitz-Gerald, Assistant Professor (Indef.).....	2,700 00
David S. Blondheim, Assistant Professor (3 years from Sept. 1, 1913).....	2,000 00
Arthur R. Seymour, Associate (2 years from Sept. 1, 1913) and Advisor to Foreign Students (1 year). (Salary as Advisor, \$300).....	2,000 00
Olin H. Moore, Instructor (10 months).....	1,600 00
Charles S. Carry, Assistant (10 months).....	1,100 00
Joseph Eppels, Assistant (10 months).....	1,000 00
Thor G. Wesenberg, Assistant (10 months).....	1,000 00
Lewis Allen, Assistant (10 months).....	900 00
_____, Assistant (10 months).....	900 00

Total ..... \$18,900 00

**Sociology.**

Edward C. Hayes, Professor (Indef.).....	3,300 00
H. H. Hibbs, Jr., Assistant (10 months).....	1,200 00

Total ..... \$4,500 00

**Zoology.**

Henry B. Ward, Professor (Indef.).....	5,000 00
Frank Smith, Professor of Systematic Zoology (Indef.) and Curator of the Museum of Natural History (1 year).....	3,000 00
J. Sterling Kingsley, Professor (Indef.).....	3,500 00
Charles Zeleny, Associate Professor (Indef.).....	3,000 00
Victor E. Shelford, Assistant Professor (3 years from Sept. 1, 1914).....	2,000 00
Harley J. Van Cleve, Instructor (10 months).....	1,300 00
Henry G. May, Research Assistant (10 months).....	600 00
Bessie R. Green, Assistant (10 months).....	600 00
Ralph H. Limkins, Assistant (10 months).....	600 00
Harry V. Heimbürger, Assistant (10 months).....	600 00
Homer E. Chenoweth, Graduate Assistant (10 months).....	400 00
Harriet V. Merrill, Graduate Assistant (10 months).....	400 00
Jesse L. Conel, Graduate Assistant (10 months).....	300 00
T. B. Magath, Graduate Assistant (10 months).....	300 00
_____, Graduate Assistant (10 months).....	400 00
_____, Graduate Assistant (10 months).....	300 00

Total ..... \$22,300 00

**Courses in Commerce.**

David Kinley, Vice President, Dean of the Graduate School, Director of the Courses in Business Administration (1 year), and Professor of Economics (Indef.)—salary under the Graduate School and office of the Vice President.	
Nathan A. Weston, Assistant Director of Courses in Business Administration (1 year) and Assistant Professor of Economics (Indef.).....	3,000 00
Maurice H. Robinson, Professor of Industry and Transportation (Indef.) on leave on half salary, 1914-15.....	1,500 00
Ernest R. Dewsnup, Professor of Railway Administration (Indef.).....	3,000 00
Ernest L. Bogart, Professor of Economics (Indef.).....	3,500 00
George E. Frazer, Professor of Public Accounting and Comptroller (Jan. 13, 1913-Jan. 12, 1916) salary under office of the Comptroller.	
Simon Litman, Assistant Professor of Economics (Indef.).....	2,500 00
R. E. Hellman, Assistant Professor of Economics, 3 years from Sept. 1, 1914).....	2,600 00
W. A. Chase, Lecturer on Accountancy (10 months).....	2,400 00
C. M. Thompson, Associate, (2 years from Sept. 1, 1914).....	2,300 00
John G. Thompson, Instructor in Economics (10 months).....	2,000 00
H. T. Scoville, Instructor in Accountancy (10 months).....	2,000 00

\* Full salary, \$3,500.

† Full salary, \$3,000.

H. McJohnston, Instructor in Business English and Salesmanship (10 months) .....	\$1,800 00
E. Petersen, Assistant on half time (10 months) .....	600 00
W. H. Dreesen, Assistant on half time (10 months) .....	600 00
C. K. Knight, Assistant, on half time (10 months) .....	500 00
E. L. McKenna, Assistant, on half time (10 months) .....	500 00
H. D. Leslie, Graduate Assistant (10 months) .....	300 00
_____, Assistant in Elementary Law (10 months) .....	300 00
_____, Other Student Assistance .....	200 00
_____, Instructor (10 months) .....	900 00
<b>Total</b> .....	<b>\$30,500 00</b>

**COLLEGE OF ENGINEERING.****Architecture.**

Loring H. Provine, Professor of Architectural Engineering (Indef.) and Acting Head (1 year) .....	3,500 00
Nathan C. Ricker, Professor of Architecture (Indef.) .....	3,500 00
Newton A. Wells, Professor of Architectural Decoration (Indef.) ..	2,500 00
James M. White, Professor of Architectural Engineering (Indef.) and Supervising Architect (1 year)—salary under office of the Supervising Architect .....	
William C. Titcomb, Assistant Professor of Architecture (3 years from Sept. 1, 1913) .....	2,100 00
Percy Ash, Assistant Professor of Architectural Design (1 year) ..	2,500 00
Charles R. Clark, Associate in Architectural Construction (2 years from Sept. 1, 1913) .....	2,000 00
Robert T. Jones, Instructor in Architecture (10 months) .....	1,600 00
Joseph M. Kellogg, Instructor in Architectural Design (10 months)	1,500 00
Samuel C. Burton, Instructor (10 months) .....	1,500 00
Frederick K. Cowley, Instructor (10 months) .....	1,200 00
Angelo B. M. Corrubia, Instructor (10 months) .....	1,600 00
Ralph E. Muehlmann, Assistant in Architectural Design (10 months)	1,400 00
_____, Instructor in Architectural Design, vice Kimball, (10 months) .....	1,400 00
_____, Instructor, vice Forsythe (10 months) .....	1,400 00
_____, Instructor in Architectural Construction (10 months) ..	1,400 00
Winifred Fehrenkamp, Lecturer on Departmental Library Problems in the Library School and Architectural Librarian (12 months) ..	1,000 00
<b>Total</b> .....	<b>\$30,100 00</b>

**Civil Engineering.**

Ira O. Baker, Professor (Indef.) and head of the department (1 year) .....	4,000 00
John I. Parcel, Assistant Professor of Structural Engineering (3 years from Sept. 1, 1913) .....	2,500 00
Allen B. McDaniel, Assistant Professor (3 years from Sept. 1, 1914)	2,750 00
Wilbur M. Wilson, Assistant Professor of Structural Engineering (1 year) .....	2,200 00
James E. Smith, Assistant Professor (3 years from Sept. 1, 1913) ..	1,800 00
Carroll C. Wiley, Associate (2 years from Sept. 1, 1913) .....	1,700 00
Neal B. Garver, Associate (2 years from Sept. 1, 1913) .....	1,700 00
George W. Pickels, Instructor (10 months) .....	1,500 00
William H. Rayner, Instructor (10 months) .....	1,300 00
Raymond E. Davis, Instructor (10 months) .....	1,200 00
_____, Instructor (10 months) .....	1,000 00
Benjamin L. Bowling, Assistant in Cement Laboratory (12 months)	1,000 00
<b>Total</b> .....	<b>\$22,650 00</b>

**Electrical Engineering.**

Ellery B. Paine, Associate Professor (Indef.) and Acting Head (1 year) .....	3,000 00
Morgan Brooks, Professor (Indef.) .....	3,000 00
Edward H. Waldo, Assistant Professor (Indef.) .....	2,000 00
P. S. Biegler, Associate (2 years from Sept. 1, 1914) .....	2,000 00
Leonard V. James, Associate (2 years from September 1, 1913) ..	1,600 00
Ira W. Fisk, Associate (2 years from Sept. 1, 1913) .....	1,600 00
Charles R. Moore, Instructor (10 months) .....	1,500 00
Abner R. Knight, Instructor (10 months) .....	1,500 00
_____, Instructor, vice Bryant (10 months) .....	1,500 00
Walter S. Goodspeed, Mechanician (C. S.) .....	1,080 00
<b>Total</b> .....	<b>\$18,780 00</b>

**General Engineering Drawing.**

Harry W. Miller, Assistant Professor (3 years from Sept. 1, 1913) and Assistant Dean of the College of Engineering (1 year) .....	2,200 00
Robert K. Steward, Associate (2 years from Sept. 1, 1913) .....	1,700 00
Francis M. Porter, Associate (2 years from Sept. 1, 1913) .....	1,500 00
Harold O. Rugg, Instructor (10 months) .....	1,500 00
Harvey H. Jordan, Instructor (10 months) .....	1,400 00
Rufus Crane, Instructor (10 months) .....	1,000 00
Robin Beach, Instructor (10 months) .....	1,000 00
Robert M. Husband, Assistant, on half time (10 months) .....	300 00
<b>Total</b> .....	<b>\$10,600 00</b>

**Mechanical Engineering.**

Charles R. Richards, Acting Dean of the College of Engineering, Acting Director of the Engineering Experiment Station, (until succeeded) and Professor, in charge of department (Indef.).....	*\$5,000 00
George A. Goodenough, Professor of Thermodynamics (Indef.).....	3,500 00
Louis A. Harding, Professor of Experimental Mechanical Engineering (Indef.) .....	3,500 00
Bruce W. Benedict, Director of Shop Laboratories (Indef.).....	3,500 00
Oscar A. Leutwiler, Assistant Professor of Machine Design (Indef.)	2,900 00
Arthur C. Willard, Assistant Professor of Heating and Ventilation (3 years from Sept. 1, 1913).....	2,400 00
John A. Dent, Associate in Mechanical Engineering (2 years from Sept. 1, 1913).....	1,800 00
....., Instructor in Machine Work, vice Scroggin (10 months).....	1,200 00
Edgar T. Lanham, Instructor in Forge Work (10 months).....	1,200 00
Harry F. Godeke, Instructor in Mechanical Engineering (10 months)	1,400 00
Robert E. Kennedy, Instructor in Foundry Work (10 months).....	1,500 00
Herbert S. Eames, Instructor in Mechanical Engineering (10 months)	1,400 00
Arthur B. Domooske, Instructor in Machine Design (10 months)...	1,400 00
Harry W. Waterfall, Instructor in Machine Design (10 months)...	1,400 00
Frederick C. Torrance, Instructor in Mechanical Engineering (10 months).....	1,200 00
Gustav H. Radebaugh, Instructor in Machine Work (10 months)...	1,200 00
Joseph C. Pendleton, Instructor in Pattern Making (10 months).....	1,200 00
Horatio S. McDewell, Instructor in Mechanical Engineering (10 months).....	1,200 00
Gustave A. Gross, Instructor in Pattern Making (10 months).....	1,500 00
James M. Duncan, Assistant in Pattern Making (10 months).....	900 00
Peter J. Rehman, Assistant in Forge Work (10 months).....	900 00
John A. Frisk, Assistant in Mechanical Engineering and Mechanician in Mechanical Engineering Laboratory (12 months).....	1,100 00
William E. Alley, Mechanician in Mechanical Engineering Laboratory (C. S.).....	1,200 00
<b>Total</b> .....	<b>\$42,500 00</b>

**Mining Engineering.**

Harry H. Stoek, Professor (Indef.).....	5,000 00
Elmer A. Holbrook, Assistant Professor (3 years from Sept. 1, 1913)	2,500 00
Stephen O. Andros, Associate, on part time (3 years from Sept. 1, 1913) (see also below).....	300 00
Alfred C. Callan, Instructor (10 months).....	1,500 00
<b>Total</b> .....	<b>\$9,300 00</b>

**Cooperative Investigations of Mining Conditions in Illinois.**

Harry H. Stoek, in charge (see above).	
Stephen O. Andros, Field Assistant, on part time (12 months) (see also above) .....	1,800 00

**Miners' and Mechanics' Institutes.**

Robert Y. Williams, Director (1 year from July 1, 1914).....	4,000 00
William L. Morgan, Instructor (1 year from July 1, 1914).....	1,800 00
Edward C. Lee, Instructor (1 year from July 1, 1914).....	1,800 00
Harvey E. Smith, Instructor (1 year from July 1, 1914).....	1,800 00
Harry D. Easton, Instructor (1 year from July 1, 1914).....	2,100 00
<b>Total</b> .....	<b>\$11,500 00</b>

**Municipal and Sanitary Engineering and Theoretical and Applied Mechanics.**

Arthur N. Talbot, Professor of M. and S. E., in charge of T. and A. M. (Indef.).....	5,000 00
Melvin L. Enger, Assistant Professor, T. and A. M. (3 years from Sept. 1, 1914).....	2,250 00
Virgil R. Fleming, Associate, T. and A. M. (2 years from Sept. 1, 1913).....	1,800 00
Paul Hansen, Associate, Sanitary Engineering, and Engineer in the Water Survey (1 year)—salary under Water Survey.	
Fred B. Seeley, Instructor, T. and A. M. (10 months).....	1,700 00
George P. Boomsliiter, Instructor T. and A. M. (10 months).....	1,700 00
Clarence E. Noerenberg, Instructor, T. and A. M. (10 months).....	1,700 00
Harrison F. Gonnerman, Instructor, T. and A. M. (10 months)....	1,500 00
Newton E. Ensign, Instructor, T. and A. M. (10 months).....	1,500 00
Harold E. Babbitt, Instructor, T. and A. M. (10 months).....	1,500 00
Harry Gardner, Instructor, T. and A. M. (10 months).....	1,500 00
Alexander Vallance, Instructor, T. and A. M. (10 months).....	1,400 00
Robert Pergande, Mechanician, Laboratory of Applied Mechanics (C. S.).....	1,140 00
<b>Total</b> .....	<b>\$22,690 00</b>

**Physics.**

Albert P. Carman, Professor (Indef.).....	5,000 00
Charles T. Knipp, Assistant Professor (Indef.).....	2,800 00
Floyd R. Watson, Assistant Professor (Indef.).....	2,750 00

\* Salary as Acting Dean at the rate of \$750 a year.

William F. Schulz, Associate Professor (Indef.).....	\$2,200 00
Jakob Kunz, Assistant Professor of Mathematical Physics (3 years from Sept. 1, 1914).....	2,500 00
Elmer H. Williams, Associate (2 years from Sept. 1, 1914).....	1,700 00
Lloyd T. Jones, Instructor (10 months).....	1,150 00
Oscar A. Randolph, Assistant (10 months).....	1,000 00
William H. Hyslop, Assistant (10 months).....	950 00
Earle H. Warner, Assistant (10 months).....	900 00
Sebastian Karrer, Assistant (10 months).....	750 00
Jones B. Nathanson, Assistant (10 months).....	750 00
Charles F. Hill, Assistant on part time (10 months).....	500 00
Paul L. Bayley, Assistant on part time (10 months).....	500 00
James B. Hays, Mechanician and Instrument maker (12 months)...	1,140 00
Harold C. Buchanan, Assistant Mechanician (C. S. temporary) at the rate of \$70 a month.....	840 00
<b>Total</b> .....	<b>\$25,430 00</b>
<b>Railway Engineering.</b>	
Edward C. Schmidt, Professor (Indef.).....	4,000 00
Alonzo M. Buck, Assistant Professor of Railway Electrical Engineering (1 year).....	1,800 00
John M. Snodgrass, Assistant Professor of Railway Mechanical Engineering (3 years from Sept. 1, 1914).....	2,200 00
Arthur F. Comstock, Associate in Railway Civil Engineering (2 years from Sept. 1, 1913).....	2,000 00
<b>Total</b> .....	<b>\$10,000 00</b>
<b>ENGINEERING EXPERIMENT STATION.</b>	
William F. M. Goss, Dean of the College of Engineering, Director of the School of Railway Engineering and Administration, and Director of the Engineering Experiment Station (1 year) and Professor of Railway Engineering (Indef.)—on leave, without salary, first semester 1914-15.....	\$3,000 00
Charles R. Richards, Acting Dean of the College of Engineering, Acting Director of the Engineering Experiment Station, and Professor of Mechanical Engineering—salary under Department of Mechanical Engineering.....	1,500 00
Herbert F. Moore, Professor of Engineering Materials (Indef.).....	3,000 00
David F. McFarland, Assistant Professor in Department of Chemistry and Assistant Professor of Chemistry in the College of Liberal Arts and Sciences (12 months).....	2,000 00
Duff A. Abrams, Associate in Department of T. and A. M. (2 years from Sept. 1, 1914).....	1,800 00
Robert B. Keller, First Assistant in Department of Railway Engineering (12 months).....	2,000 00
Willis A. Slater, First Assistant in Department of T. and A. M. (12 months).....	1,800 00
Trygve D. Yensen, First Assistant in Department of Electrical Engineering (12 months).....	1,600 00
Alonzo F. Kratz, First Assistant in Department of Mechanical Engineering (12 months).....	1,600 00
Leroy A. Wilson, Assistant in Department of Mechanical Engineering (12 months).....	1,400 00
Harold H. Dunn, Assistant in Department of Railway Engineering (12 months).....	1,400 00
<b>Total</b> .....	<b>\$21,100 00</b>
<b>COLLEGE OF AGRICULTURE AND AGRICULTURAL EXPERIMENT STATION.</b>	
<b>Administration.</b>	
Eugene Davenport, Dean, College, Director, Station, and Director, Agricultural Extension Service (1 year) and Professor of Thremmatology (Indef.) .....	\$6,000 00
Burt E. Powell, Editor of Press Bulletin, Station (C. S.).....	2,300 00
Henry L. Rietz, Statistician, Station (1 year).....	*1,200 00
Roy Hansen, Assistant, Nitrogen Fixation Research, Station (12 months) .....	1,020 00
<b>Total</b> .....	<b>\$10,520 00</b>
<b>Agricultural Extension.</b>	
Fred H. Rankin, Superintendent of Agricultural Extension (Indef.) and Assistant to the Dean, College (1 year).....	3,500 00
Arteas W. Nolan, Assistant Professor, College (Indef.).....	2,400 00
Albert W. Jamison, Associate, College (2 years from Sept. 1, 1913).....	2,000 00
Joseph H. Checkley, Assistant, College (12 months).....	1,200 00
William P. Miller, Assistant, College, on half time (12 months)....	600 00
Alice V. Hamilton, Student Record Keeper (C. S.).....	1,200 00
<b>Total</b> .....	<b>\$10,900 00</b>

\* For remainder of salary see under department of mathematics.

**Agronomy.**

Cyril G. Hopkins, Professor of Agronomy, College, and Chief in Agronomy and Chemistry, Station (Indef.) and Vice Director, Station (1 year) salary at the rate of \$5,000 a year; on leave of absence from Nov. 1, 1913, to Oct. 31, 1914).....	\$4,166 66
Louie H. Smith, Professor of Plant Breeding, College, and Chief in Plant Breeding, Station (Indef.) Acting Head (Nov. 1, 1913, to Oct. 31, 1914).....	3,500 00
Leonard Hegnauer, Professor of Crop Production, College, and Chief in Crop Production, Station (Indef.).....	3,000 00
Jeremiah G. Mosier, Professor of Soil Physics, College, and Chief in Soil Physics, Station (Indef.).....	3,500 00
James H. Petit, Professor of Soil Fertility, College, and Chief in Soil Fertility, Station (Indef.).....	3,000 00
Ora S. Fisher, Assistant Professor of Soil Fertility, College, and Assistant Chief in Soil Fertility, Station (3 years from Sept. 1, 1913).....	2,500 00
Joseph P. Aumer, Associate in Chemistry, Station (2 years from Sept. 1, 1913).....	1,800 00
William L. Burlison, Associate in Crop Production, on part time, College and Station (2 years from Sept. 1, 1913).....	1,400 00
Ira W. Dickerson, Associate in Farm Mechanics, College (1 year from Sept. 1, 1914).....	1,800 00
Karl J. T. Ekblaw, Associate in Farm Mechanics, College (1 year from Sept. 1, 1914).....	1,800 00
Axel F. Gustafson, Associate in Soil Physics, College and Station (2 years from Sept. 1, 1913).....	2,100 00
Sidney V. Holt, Associate in Soil Physics, Station (2 years from Sept. 1, 1913).....	1,800 00
Ezekiel E. Hoskins, Associate in Soil Fertility, Station (2 years from Sept. 1, 1913).....	1,800 00
Clarence C. Logan, Associate in Soil Extension, Station (2 years from Sept. 1, 1913).....	1,800 00
Ward H. Sachs, Associate in Chemistry, Station (1 year from Sept. 1, 1914).....	1,800 00
Harold W. Stewart, Associate in Soil Physics, College and Station (2 years from Sept. 1, 1914).....	1,800 00
Ernest Van Alstine, Associate in Chemistry, Station (2 years from Sept. 1, 1913).....	2,100 00
Henry C. Wheeler, Associate in Soil Physics, Station (2 years from Sept. 1, 1913).....	1,800 00
John E. Whitchurch, Associate in Soil Fertility, Station (2 years from Sept. 1, 1913).....	1,800 00
Frederick C. Bauer, Associate in Soil Fertility, College and Station (1 year from Sept. 1, 1914).....	1,800 00
Walter B. Gernert, Associate in Plant Breeding, Station (2 years from Sept. 1, 1913).....	1,800 00
Albert L. Whiting, Associate in Soil Biology, College and Station (2 years from Sept. 1, 1913).....	1,800 00
Earl M. White, Associate in Farm Mechanics, College (2 years from Sept. 1, 1913) on leave without salary, 1914-15.....	
Forest A. Fisher, Instructor in Soil Physics, College, and First Assistant in Soil Physics, Station (12 months).....	1,400 00
Frank W. Garrett, First Assistant in Soil Fertility, Station (12 months).....	1,400 00
Marvin E. Jahr, Instructor in Farm Mechanics, College (12 months).....	1,600 00
Wilbur R. Leighty, First Assistant in Chemistry, Station (12 months).....	1,400 00
Chester O. Reed, Instructor in Farm Mechanics, College (12 months).....	1,400 00
Gertrude Niederman, Assistant in Chemistry, Station (12 months).....	1,200 00
Elmer T. Ebersol, Instructor in Crop Production, on part time, College (12 months).....	600 00
Clyde R. Newell, Instructor in Farm Mechanics, College (12 months).....	1,200 00
Frederick M. W. Wascher, First Assistant in Soil Physics, Station (12 months).....	1,400 00
Clinton B. Clevenger, Assistant in Chemistry of Soils, Station (12 months).....	1,000 00
Robert W. Dickenson, Assistant in Soil Physics, Station (12 months).....	1,200 00
Orr M. Allvyn, Assistant in Crop Production, College and Station (12 months).....	1,200 00
Leo R. Binding, Assistant in Chemistry, Station (12 months).....	1,200 00
Orland I. Ellis, Assistant in Soil Physics, Station (12 months).....	1,000 00
Harrison F. T. Fahrnkopf, Assistant in Soil Fertility, College and Station (12 months).....	1,000 00
George E. Gentle, Assistant in Soil Physics, Station (12 months).....	1,000 00
Harry C. Gilkerson, Assistant in Soil Fertility, College and Station (12 months).....	1,000 00
Edward H. Walworth, Assistant in Crop Production, College and Station (12 months).....	1,000 00
Floyd Heck, Assistant in Soil Fertility, College and Station (12 months).....	1,000 00
Howard J. Snider, Assistant in Soil Fertility, College and Station (12 months).....	1,000 00

Arthur B. Brunson, Assistant in Plant Breeding, Station (12 months) .....	\$1,000 00
W. R. Schoonover, Assistant in Soil Fertility, College, and Assistant in Soil Biology, Station (12 months) .....	1,000 00
Total .....	\$73,866 66
<b>Animal Husbandry.</b>	
Herbert W. Mumford, Professor of Animal Husbandry, College, and Chief in Animal Husbandry, Station (Indef.) .....	5,000 00
Harry S. Grindley, Professor of Animal Nutrition, College, and Chief in Animal Nutrition, Station (Indef.) .....	3,500 00
Walter C. Coffey, Professor of Sheep Husbandry, College, and Chief in Sheep Husbandry, Station (Indef.) .....	3,200 00
John A. Detlefsen, Assistant Professor of Genetics, College, and Assistant Chief in Genetics, Station (3 years from Sept. 1, 1912) .....	2,400 00
James L. Edmonds, Assistant Professor of Horse Husbandry, College, and Assistant Chief in Horse Husbandry, Station (3 years from Sept. 1, 1913) .....	2,500 00
Arthur D. Emmett, Assistant Chief in Animal Nutrition, Station (12 months) .....	2,000 00
Henry P. Rusk, Assistant Professor of Cattle Husbandry, College, and Assistant Chief in Cattle Husbandry, Station (3 years from Sept. 1, 1913) .....	2,500 00
Daniel O. Barto, Associate in Poultry Husbandry, College (2 years from Sept. 1, 1913) .....	2,400 00
Walter F. Handschin, Associate in Animal Husbandry, College and Station (2 years from Sept. 1, 1913) .....	2,400 00
Walter E. Joseph, Associate in Animal Husbandry, College and Station (2 years from Sept. 1, 1913) .....	1,800 00
Harold H. Mitchell, Associate in Chemistry, Station (1 year from Sept. 1, 1914) .....	1,700 00
Sleeter Bull, Associate in Animal Nutrition, College and Station (1 year from Sept. 1, 1914) .....	1,800 00
William H. Smith, Instructor in Animal Husbandry, College, and First Assistant in Animal Husbandry, Station (12 months) .....	1,700 00
Elmer Roberts, Instructor in Genetics, College (12 months) .....	1,200 00
Wilbur H. Carmichael, Assistant in Animal Husbandry, College and Station (12 months) .....	1,400 00
Leonora Perry, Editorial Assistant, Station (12 months) .....	1,300 00
John R. Wells, Assistant in Animal Husbandry, College and Station (12 months) .....	1,200 00
John J. Yoke, Assistant in Animal Husbandry, College and Station (12 months) .....	1,200 00
Charles I. Newlin, Assistant in Animal Husbandry, College and Station (12 months) .....	1,300 00
Total .....	\$40,500 00
<b>Dairy Husbandry.</b>	
Harry A. Harding, Professor of Dairy Bacteriology, College, and Chief in Dairy Bacteriology, Station (Indef.) .....	5,000 00
Wilbur J. Fraser, Professor of Dairy Farming, College, and Chief in Dairy Farming, Station (Indef.) .....	3,500 00
Martin J. Prucha, Assistant Professor of Dairy Bacteriology, College, and Assistant Chief in Dairy Bacteriology, Station (3 years from Sept. 1, 1913) .....	2,500 00
Nelson W. Hepburn, Assistant Professor of Dairy Manufactures, College, and Assistant Chief in Dairy Manufactures, Station (3 years from Sept. 1, 1913) .....	2,500 00
Royden E. Brand, Associate in Dairy Husbandry, College and Station (2 years from Sept. 1, 1914) .....	2,100 00
LeRoy Lang, Associate in Dairy Manufactures, College and Station (2 years from Sept. 1, 1913) .....	2,100 00
William T. Crandall, Associate in Milk Production, College and Station (2 years from Sept. 1, 1913) .....	1,800 00
Jesse M. Barnhart, First Assistant in Chemistry, Station (12 months) .....	1,800 00
Ray S. Hulce, Instructor in Milk Production, College, and First Assistant in Milk Production, Station (12 months) .....	1,600 00
Frank A. Pearson, Instructor in Dairy Husbandry, College and First Assistant in Dairy Husbandry, Station (12 months) .....	1,400 00
Harrison A. Ruehe, Instructor in Dairy Manufactures, College, and First Assistant in Dairy Manufactures, Station (12 months) .....	1,700 00
Oliver A. Keller, Assistant in Dairy Manufactures, College and Station (12 months) .....	1,200 00
William W. Yapp, Assistant in Dairy Husbandry, College and Station (12 months) .....	1,200 00
H. M. Weeter, Assistant in Dairy Husbandry, College and Station (12 months) .....	1,000 00
Total .....	\$29,400 00
<b>Horticulture.</b>	
Joseph C. Blair, Professor of Horticulture, College, and Chief in Horticulture, Station (Indef.) .....	5,000 00
Charles S. Crandall, Professor of Pomology, College, and Chief in Plant Breeding, Station (Indef.) .....	3,500 00

John W. Lloyd, Professor of Olericulture, College, and Chief in Olericulture, Station (Indef.).....	\$3,500 00
Charles M. Robinson, Professor of Civic Design, on part time, College (1 year).....	1,200 00
Herman B. Dörner, Assistant Professor of Floriculture, College, and Assistant Chief in Floriculture, Station (1 year from Sept. 1, 1914).....	3,000 00
Wilhelm Miller, Assistant Professor of Landscape Horticulture, College (3 years from Sept. 1, 1912).....	3,000 00
Bethel S. Pickett, Assistant Professor of Pomology, College, and Assistant Chief in Pomology, Station (3 years from Sept. 1, 1912).....	3,000 00
Ralph R. Root, Assistant Professor of Landscape Gardening, College (2 years from Sept. 1, 1913).....	2,500 00
Ernest W. Bailey, Associate in Pomology, College and Station (2 years from Sept. 1, 1913).....	2,100 00
Simeon J. Boile, Associate in Pomology, College and Station (2 years from Sept. 1, 1913).....	1,800 00
Charles E. Durst, Associate in Olericulture, College and Station, (2 years from Sept. 1, 1913).....	1,800 00
Lawrence E. Foglesong, Instructor in Landscape Gardening, College (12 months).....	1,600 00
Warren A. Ruth, Associate in Horticultural Chemistry, Station (2 years from Sept. 1, 1913).....	1,800 00
Oscar S. Watkins, Associate in Horticultural Chemistry, College and Station (2 years from Sept. 1, 1913).....	2,100 00
Thomas Bregger, First Assistant in Plant Breeding, Station (12 months).....	1,400 00
John J. Gardner, Instructor in Pomology, College, and Assistant in Pomology, Station (12 months).....	2,000 00
Alfred J. Gunderson, First Assistant in Pomology, Station (12 months).....	1,400 00
Fred W. Muncie, First Assistant in Floriculture, Station (12 months).....	1,200 00
James Hutchinson, Assistant in Floriculture, Station (12 months).....	1,200 00
George L. Peltier, Assistant in Pathological Floriculture, Station (12 months).....	1,200 00
Robert W. Hoffman, Instructor in Landscape Design, College (12 months).....	1,000 00
Frank A. C. Smith, Instructor in Landscape Design, College (12 months).....	1,500 00
Charles B. Sayre, Instructor in Olericulture, College, and First Assistant in Olericulture, Station (12 months).....	1,000 00
Franz A. Aust, Assistant in Landscape Design, College (12 months).....	1,400 00
Arthur S. Colby, Assistant in Pomology, on two-thirds time, College (12 months).....	720 00
C. C. Rees, Assistant in Horticultural Pathology, on half time, Station (12 months).....	600 00
Ira D. Allison, Assistant in Horticulture, Station (12 months).....	1,800 00
Julia Harper, Editorial Assistant, Station (C. S.).....	780 00
<b>Total</b> .....	<b>\$53,100 00</b>
<b>Household Science.</b>	
Isabel Bevier, Professor (Indef.) and Director of the Courses in Household Science (1 year).....	3,000 00
Nellie E. Goldthwaite, Assistant Professor (3 years from Sept. 1, 1914).....	2,500 00
Cora E. Gray, Associate (2 years from Sept. 1, 1913).....	1,400 00
Nina B. Criger, Associate (2 years from Sept. 1, 1913).....	1,400 00
Lurene Seymour, Associate (1 year).....	1,800 00
Ruth Wheeler, Associate (2 years from Sept. 1, 1913).....	1,700 00
Maud Parsons, Instructor and Director of the Lunch Room (12 months).....	1,500 00
Georgia E. Fleming, Instructor in Textiles (12 months).....	1,200 00
Grace E. Stevens, Instructor (12 months).....	1,300 00
Greta Gray, Instructor (12 months).....	1,300 00
Florence Harrison, Instructor (12 months).....	1,400 00
Mamie Bunch, Instructor, in charge of Extension (12 months).....	2,000 00
Anna Williams, Instructor (12 months).....	1,200 00
Bessie Packard, Office Assistant (C. S.).....	900 00
<b>Total</b> .....	<b>\$22,600 00</b>
<b>Veterinary Science.</b>	
Donald McIntosh, Professor (Indef.).....	2,500 00
<b>SCHOOL OF MUSIC.</b>	
....., Director and Professor (1 year).....	\$3,000 00
George F. Schwartz, Assistant Professor of Music (3 years from Sept. 1, 1914).....	2,200 00
Constance Barlow-Smith, Assistant Professor of Music (3 years from Sept. 1, 1913).....	2,000 00
H. J. Vanden Berg, Instructor (10 months).....	1,800 00
A. A. Harding, Instructor (10 months).....	1,800 00
H. D. Nasmith, Instructor (10 months).....	1,700 00
E. W. Morphy, Instructor (10 months).....	1,700 00



L. L. Townsend, Instructor (10 months).....	\$1,200 00
Florence M. Kirkup, Instructor (10 months).....	1,000 00
Edna L. Treat, Instructor (10 months).....	1,000 00
Anna V. Simon, Instructor (10 months).....	1,000 00
<b>Total</b> .....	<b>\$18,400 00</b>

**GRADUATE SCHOOL.**

David Kinley, Vice President, Dean of the Graduate School, and Director of the Courses in Commerce (1 year) and Professor of Economics (Indef.) (salary as Vice President, \$1,000 additional)	\$6,000 00
R. M. Frechet, Professor of Mathematics (10 months).....	3,000 00
F. E. E. Germann, Research Assistant for Professor Washburn...	1,000 00
F. A. Russell, Research Assistant (12 months).....	600 00
Lida E. Voight, Clerk and Stenographer (C. S.).....	1,200 00
<b>Total, salaries</b> .....	<b>\$11,800 00</b>

**Stipendia.**

Scholarships and Fellowships, already appropriated.....	22,400 00
C. L. Stewart, Traveling Fellow.....	1,000 00
<b>Total, stipendia</b> .....	<b>\$23,400 00</b>

**Research Grants.**

Professor Washburn .....	320 00
Professor Balke .....	150 00
Professor Savage .....	200 00
Professor Stebbins .....	50 00
<b>Total, research grants</b> .....	<b>\$ 720 00</b>

**Expenses.**

Printing, postage, and office supplies.....	1,000 00
University Studies: Miscellaneous, Social Science, Biological, and Language and Literature Series.....	4,000 00
Traveling expenses .....	200 00
Journal of English and Germanic Philology.....	500 00
Emergency research .....	5,000 00
Library equipment .....	3,500 00
Illinois survey .....	3,000 00
Clerical help .....	300 00
Crockerland expedition .....	2,500 00
<b>Total, expenses</b> .....	<b>\$20,000 00</b>
<b>Total, Graduate School</b> .....	<b>55,920 00</b>

**COLLEGE OF LAW.**

Oliver A. Harker, Dean (1 year) and Professor (Indef.) Legal Counsel (1 year).....	\$5,000 00
Frederick Green, Professor (Indef.).....	3,500 00
William G. Hale, Professor (Indef.) and Secretary of the Faculty (1 year).....	3,500 00
Chester G. Vernier, Professor (Indef.).....	3,500 00
Edward H. Decker, Professor (Indef.) and Acting Librarian (1 year).....	3,500 00
John N. Pomeroy, Professor (1 year).....	3,100 00
_____, Professor .....	3,500 00
<b>Total</b> .....	<b>\$25,600 00</b>

**LIBRARY SCHOOL.**

Phineas L. Windsor, Director and Librarian (1 year)—salary un- der Library.	
Frances Simpson, Assistant Director (1 year) and Assistant Pro- fessor of Library Economy (Indef.).....	\$2,000 00
Florence R. Curtis, Associate in Library Economy (2 years from Sept. 1, 1913).....	1,600 00
Ernest J. Reece, Instructor in Library Economy (1 year).....	1,600 00
Ethel Bond, Instructor in Library Economy and Assistant in charge of the collections in Library Economy (1 year).....	1,000 00
Edna L. Scott, Lecturer (5 weeks).....	250 00
Alma M. Penrose, Reviser (3 months).....	225 00
Salaries of Summer Session, 1915.....	600 00
<b>Total</b> .....	<b>\$7,275 00</b>

**LIBRARY.****Administration.**

Phineas L. Windsor, Librarian and Director of the Library School (1 year) .....	\$3,500 00
F. K. W. Drury, Lecturer on Order Work in the Library School and Assistant Librarian (1 year).....	2,400 00
Sabra Stevens, General Assistant (C. S.).....	900 00
Mabel L. Conat, General Assistant (10 months).....	650 00
Grace A. England, General Assistant (10 months).....	650 00

Eleanor G. Karsten, Lecturer in the Library School and Secretary to the Librarian (12 months).....	\$1,200 00
Nora Kirwan, Stenographer (C. S.).....	660 00
Cornelia M. Luther, Stenographer (C. S.).....	540 00

Total ..... \$10,500 00

**Order Department.**

Charles E. Graves, Lecturer on Exchanges in the Library School and Exchange Assistant (12 months).....	1,200 00
Myrtle Renz, Order Assistant (C. S.).....	900 00
Clara Ricketts, Order Assistant (C. S.).....	780 00
Aurella Knapp, Order Assistant, Periodicals (C. S.).....	900 00
Erna Seiler, Order Assistant, one-third time (10 months).....	240 00
Floyd E. Britton, Clerk, two-thirds time (12 months).....	480 00
Persis Putnam, Stenographer and Bookkeeper (C. S.).....	900 00
Harry T. Wood, Clerk, one-half time (12 months).....	360 00
Elizabeth Erwin, Clerk, one-half time (12 months).....	360 00

Total ..... \$6,120 00

**Reference Department.**

Margaret Hutchins, Lecturer on General Reference in the Library School and Reference Assistant (12 months).....	1,000 00
Alice Johnson, Lecturer on General Reference in the Library School and Reference Assistant (12 months).....	1,000 00
Emma Felsenthal, Lecturer on General Reference in the Library School and Reference Assistant (12 months).....	1,000 00

Total ..... \$3,000 00

**Loan Department.**

Emma R. Jutton, Lecturer on the Loan Department and Loan Librarian (12 months).....	1,300 00
_____, Loan Assistant, vice Fiend (C. S.).....	840 00
Sarah E. Bryan, Loan Assistant (C. S.).....	900 00
Viola Fraser, Loan Assistant (C. S.).....	840 00
Ina M. Brown, Loan Assistant (C. S.).....	780 00
_____, Shelf Assistant, vice Ayer (C. S.).....	840 00
J. G. Eppinger, Shelf Assistant, two-thirds time (12 months).....	432 00
John Breedis, Shelf Assistant, one-third time (12 months).....	216 00
E. O. Fontaine, Shelf Assistant, two-thirds time (12 months).....	432 00
Glenn Christy, Shelf Assistant, one-third time (12 months).....	216 00
_____, Sunday Assistant (9 months).....	72 00
Margaret Hayes, Clerk (C. S.).....	480 00

Total ..... \$7,348 00

**Catalog Department.**

Philip S. Goulding, Lecturer on Cataloging in the Library School and catalog Librarian (12 months).....	2,000 00
Adah Patton, Lecturer on Classification and Subject-Headings in the Library School and Classifier (12 months).....	1,100 00
Nellie Robertson, Cataloger (C. S.).....	840 00
Antoinette Goetz, Cataloger (C. S.).....	840 00
Edith Emigh, Cataloger (C. S.).....	840 00
Lilla Alexander, Cataloger (C. S.).....	780 00
Fannie Dunlap, Cataloger (12 months).....	780 00
Bertha L. Sharp, Cataloger (C. S.).....	720 00
_____, Cataloger, vice Cass (C. S.).....	780 00
Amanda M. Flattery, Cataloger (C. S.).....	780 00
Mary Z. Troy, Cataloger (12 months).....	780 00
Hazel Y. Shaw, Cataloger (C. S.).....	780 00
Nellie U. Branch, Cataloger, one-half time (12 months).....	390 00
Minnie J. Bollman, Cataloger, one-half time (12 months).....	390 00
Margaret Williams, Cataloger, three-fourths time (10 months).....	480 00
Elsie Baechtold, Cataloger, three-fourths time (10 months).....	480 00
Mary Blackwell, Typist (C. S.).....	720 00
_____, Typist, (C. S.; 12 months).....	540 00
Marie E. Hubbard, Clerk, one-half time (12 months).....	330 00
Mabel H. Gibson, Clerk, one-half time (12 months).....	330 00

Total ..... \$14,680 00

**Binding Department.**

Josie B. Houchens, Binding Librarian (C. S.).....	1,000 00
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**Departmental Libraries.**

Mary Torrance, Lecturer on Departmental Library Problems in the Library School and Departmental Library Assistant in Classics (12 months).....	900 00
_____, Lecturer on Departmental Library Problems in the Library and Departmental Library Assistant in Economics and Sociology, vice Kaiser (12 months).....	1,300 00
Ola M. Wyeth, Lecturer on Departmental Library Problems in the Library School and Departmental Library Assistant in Modern Languages (12 months).....	960 00
Jennie A. Craig, Lecturer on Departmental Library Problems in the Library School and Departmental Library Assistant in English (12 months).....	960 00

Marian Leatherman, Lecturer on Departmental Library Problems in the Library School and Departmental Library Assistant in History and Political Science (12 months).....	\$900 00
Margaret Herdman, Lecturer on Departmental Library Problems in the Library School and Departmental Library Assistant in Philosophy, Psychology, and Education (12 months).....	900 00
Charles E. Janvrin, Lecturer on Departmental Library Problems in the Library School and Departmental Library Assistant in Natural History, one-half time (12 months).....	500 00
Mary E. Love, Departmental Library Assistant in Natural History and Mathematics (C. S.).....	780 00
Ethel Bond, Instructor in the Library School and Assistant in charge of the collections in Library Economy (12 months)—see under Library School.	
Jessie J. Kile, General Assistant, Lincoln Hall Seminars, two-thirds time (10 months).....	450 00
Total .....	\$ 7,650 00
Total, Library .....	50,298 00

**DEPARTMENT OF PHYSICAL TRAINING FOR MEN.**

George A. Huff, Director (1 year).....	\$5,000 00
Roy N. Fargo, Director of Gymnasium (1 year).....	2,000 00
Harry L. Gill, Instructor in Track Athletics (10 months).....	2,200 00
Edward G. Manley, Instructor in Swimming (10 months).....	1,000 00
Ralph R. Jones, Assistant (10 months).....	1,200 00
_____, Assistant (10 months).....	600 00
_____, Assistant (10 months).....	100 00
Total .....	\$12,100 00

**DEPARTMENT OF PHYSICAL TRAINING FOR WOMEN.**

Gertrude E. Moulton, Director (1 year).....	\$1,600 00
Verna Brooks, Instructor (10 months).....	1,000 00
Edith G. Osmond, Instructor (10 months).....	900 00
Anna L. Hughitt, Assistant (10 months).....	1,100 00
Dorothy R. Shoemaker, Assistant (10 months).....	800 00
Rosa L. Gaut, Assistant (10 months).....	500 00
Mabel Jackson, Student Assistant (10 months).....	200 00
Total .....	\$6,100 00

**MILITARY DEPARTMENT.**

Major Frank D. Webster, Commandant of Cadets (12 months)....	\$ 576 00
Eight Assistants in Military Science at \$100 each (10 months)....	800 00
One hundred and twenty-five scholarships at \$24 each.....	3,000 00
Total .....	\$4,376 00

**SUMMARY OF SALARIES.****College of Liberal Arts and Sciences.**

Art and Design .....	\$ 6,950 00
Astronomy .....	5,250 00
Bacteriology .....	5,100 00
Botany .....	19,800 00
Ceramics .....	7,850 00
Chemistry .....	54,590 00
Classics .....	15,000 00
Education .....	17,550 00
English .....	53,650 00
Entomology .....	8,400 00
Geology .....	12,100 00
German .....	25,500 00
History .....	21,950 00
Mathematics .....	33,000 00
Philosophy .....	9,700 00
Photographic Laboratories .....	3,000 00
Physiology .....	4,300 00
Political Science .....	11,350 00
Psychology .....	7,250 00
Romance Languages .....	18,900 00
Sociology .....	4,500 00
Zoology .....	22,300 00
Courses in Commerce.....	30,500 00

Total, College of Liberal Arts and Sciences..... \$398,490 00

**College of Engineering.**

Architecture .....	\$30,100 00
Civil Engineering .....	22,650 00
Electrical Engineering .....	18,780 00
General Engineering Drawing.....	10,600 00
Mechanical Engineering .....	42,500 00
Mining Engineering .....	9,300 00
Mining—Cooperative Investigation .....	1,800 00
Miners' and Mechanics' Institutes.....	11,500 00

M. and S. E. and T. and A. M.....	\$22,690 00
Physics .....	25,430 00
Railway Engineering .....	10,000 00
Engineering Experiment Station.....	21,100 00
Total, College of Engineering.....	\$226,450 00
<b>College of Agriculture and Agricultural Experiment Station.</b>	
Administration .....	\$10,520 00
Agricultural Extension .....	10,900 00
Agronomy .....	73,866 66
Animal Husbandry .....	40,500 00
Dairy Husbandry .....	29,400 00
Horticulture .....	53,100 00
Household Science .....	21,300 00
Veterinary Science .....	2,500 00
Total, College of Agriculture and Agricultural Experiment Station..	\$243,366 66
School of Music .....	18,400 00
Graduate School (Salaries).....	11,800 00
Graduate School (Stipendia, Research, and Expenses).....	44,120 00
College of Law.....	25,600 00
Library School .....	7,275 00
Library .....	50,298 00
Physical Training, Men.....	12,100 00
Physical Training, Women.....	6,100 00
Military Department .....	4,376 00
College of Medicine (Salaries). See page 62.....	38,600 00
College of Dentistry (Salaries). See page 62.....	15,670 00
School of Pharmacy (Salaries). See page 63.....	11,160 00
Grand total .....	\$1,113,805 66

#### APPROVAL OF SALARY BUDGET.

On motion of Mrs. Henrotin, it was voted to approve the salary budget in full as presented by the President of the University. The vote was as follows: Ayes, Mrs. Abbott, Mrs. Busey, Mrs. Evans, Mrs. Henrotin, Mr. Hoit, Mr. Montgomery, Mr. Trevett, Miss Watson; noes, none; absent, Mr. Blair, Mr. Dunne, Mr. Meeker, Mr. Moore.

#### AUTHORITY TO ACCEPT RESIGNATIONS AND FILL VACANCIES.

(23) A request that the President of the University be authorized to accept at his discretion such resignations in the instructional, scientific, and administrative staff as may be presented during the vacation, and that he be authorized to fill, within the budget allowances, such vacancies as may occur during the vacation because of resignation or declination.

The foregoing authority was given as requested.

#### PROVISIONAL EXPENSE BUDGET.

(24) A recommendation that appropriations be made for the three months beginning July 1, 1914, or until a new budget shall have been submitted and approved, on the basis of the appropriations made in the budget of 1913-14, subject to the approval of the President of the University.

This recommendation was approved by the following vote: Ayes, Mr. Abbott, Mrs. Busey, Mrs. Evans, Mrs. Henrotin, Mr. Hoit, Mr. Montgomery, Mr. Trevett, Miss Watson; noes, none; absent, Mr. Blair, Mr. Dunne, Mr. Meeker, Mr. Moore.

#### BUDGETS, COLLEGES OF MEDICINE AND DENTISTRY AND SCHOOL OF PHARMACY.

(25) A report of the Committee on the College of Medicine and School of Pharmacy approving the recommendations presented to the committee by President James, as follows:

The effort has been made during the past year to organize on a satisfactory basis the laboratory years, the so-called Junior College of the Medical School. Good progress has been made in this direction, but still much remains to be done. The funds available will not be more than sufficient to complete this reorganization of the Junior College. It is therefore suggested that for the coming year the clinical years, or the Senior College, be organized and administered very much as during the past year. It will be possible to make important changes in this department only when additional funds are available. It is in view of this fact that I am making the following recommendations:

1. That the President of the University be given authority to appoint a Dean of the College of Medicine for the academic year 1914-15, without salary.

2. That Adolph Gehrmann be appointed Professor of Hygiene for the academic year 1914-15, without salary.

3. That Charles Sumner Bacon be appointed Professor of Obstetrics and Gynecology, and head of the combined department for the academic year 1914-15, without salary.

4. That the President of the University be authorized to reappoint the other members of the instructional and administrative staff of the College of Medicine for the academic year 1914-15 on the same terms as for the past year, except as

indicated below, so far as the requirements of the College of Medicine may make necessary; provided that a definite notice be sent to all appointees in the Senior College, calling attention to the fact that the Trustees will probably reorganize the clinical faculty during the coming year, and that appointment for the year 1914-15 does not imply that a reappointment will be made.

5. That the sum of \$100,000, in addition to the fees received from students and other special sources of revenue of the College of Medicine, be appropriated for the support of the College of Medicine for the year 1914-15, and that the President of the University be authorized to assign the funds among the various departments as circumstances may make necessary.

#### APPOINTMENTS, COLLEGE OF MEDICINE.

6. That authority be given to the President of the University to make the following appointments in the College of Medicine:

<b>Anatomy.</b>	
Instructor .....	\$1,500 00
T. S. Jones, Artist (half time).....	1,000 00
Technician .....	1,000 00
Embalmer .....	720 00
Typist (8 months).....	400 00
<b>Physiology.</b>	
W. H. Welker, Assistant Professor (3 years from Sept. 1, 1914)...	2,750 00
E. G. Miller, Assistant .....	1,350 00
Assistant .....	1,000 00
Technician (12 months).....	540 00
Technician (8 months).....	320 00
Student Assistance .....	750 00
Assistant Professor of Physiology .....	2,000 00
Instructor in Physiology .....	1,500 00
Student Assistance .....	600 00
Technician .....	900 00
<b>Pathology.</b>	
W. H. Burmeister, Assistant Professor, half time (1 year).....	2,000 00
Instructor .....	2,200 00
Assistant .....	1,500 00
Technician .....	780 00
<b>Pharmacology.</b>	
Bernard Fantus, Professor, half time (1 year).....	2,000 00
Assistant Professor .....	2,000 00
Instructor .....	500 00
Student Assistance .....	200 00
Mechanic .....	480 00
<b>Research Laboratory.</b>	
Assistant .....	2,000 00
Assistant .....	1,800 00
Fellow .....	600 00
Technician .....	840 00
Helper .....	250 00
<b>Obstetrics.</b>	
Fellow .....	600 00
Fellow .....	500 00
<b>Roentgenology.</b>	
Assistant .....	500 00
<b>Dispensary.</b>	
Nurse .....	720 00
Clerk .....	660 00
Druggist .....	540 00
<b>Library.</b>	
Metta M. Loomis, Librarian.....	1,000 00
Assistant Librarian .....	600 00
Total .....	\$38,600 00

All the above appointments are for one year.

#### APPOINTMENTS, COLLEGE OF DENTISTRY.

7. That the sum of \$15,000 in addition to the fees received from students and other special sources of revenue of the College of Dentistry, be appropriated for the support of the College of Dentistry for the year 1914-15, and that the President of the University be authorized to assign the funds among the various departments as circumstances may make necessary.

8. That authority be given to the President of the University to make the following appointments in the College of Dentistry at the salaries indicated, all for one year:

<b>Oral Surgery and Pathology.</b>	
F. B. Moorehead, Professor and head of department.....	\$1,000 00
Louis Schultz, Assistant Professor.....	400 00
Frank J. Bernard, Instructor in Extracting.....	300 00
<b>Operative Dentistry and Operative Technics.</b>	
D. M. Gallie, Professor and head of department.....	1,000 00
E. L. Bake, Assistant Professor.....	800 00
J. H. Kaplan, Instructor (half time—12 months beginning July 1, 1914; half time in Operative Dent. and half time in the Infirmary; full time in the Infirmary until October 1).....	600 00

**Prosthetic Dentistry.**

G. W. Dittmar, Professor and head of department.....	\$1,000 00
S. P. Starr, Assistant Professor.....	800 00

**Histology and Orthodontia.**

F. B. Noyes, Professor and head of department.....	1,500 00
H. V. Moon, Assistant Professor.....	750 00

**Materia Medica and Therapeutics.**

E. D. Collidge, Professor and head of department.....	1,000 00
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**Jurisprudence.**

E. D. Brothers, Professor.....	100 00
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**Bacteriology.**

A. H. Hixson, Instructor.....	600 00
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**Vetallurgy.**

W. C. Hawthorne, Instructor.....	100 00
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**Infirmary.**

J. C. Maguire, Superintendent.....	1,800 00
J. H. Kaplan, Instructor half time (other half time under Oper- ative Dent.).....	600 00
Instructor (half time).....	600 00
Maud Gubbins, Clerk.....	720 00

**Administration.**

Dean .....	2,000 00
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Total .....	\$15,670 00
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**APPOINTMENTS, SCHOOL OF PHARMACY.**

9. That authority be given to the President of the University to make the following appointments in the School of Pharmacy:

W. B. Day, Acting Dean and Actuary.....	\$1,300 00
W. B. Day, Professor of Materia Medica and Botany.....	1,200 00
Instructor (Vice Clark).....	1,800 00
H. D. Colson, Instructor.....	1,000 00
B. L. Eicher, Instructor.....	1,000 00
Bernard Fantus, Lecturer.....	200 00
E. W. Gathercoal, Instructor.....	1,300 00
R. Meseck, Janitor.....	780 00
Mary Scanlan, Stenographer.....	780 00
C. M. Snow, Assistant Professor.....	1,800 00

Total .....	\$11,160 00
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The recommendations of the committee concerning the Colleges of Medicine and Dentistry and the School of Pharmacy were approved, the President of the University was authorized to make the necessary appointments, and the appropriations involved were made by the following vote: Ayes, Mr. Abbott, Mrs. Busey, Mrs. Evans, Mrs. Henrotin, Mr. Hoit, Mr. Montgomery, Mr. Trevett, Miss Watson; noes, none; absent, Mr. Blair, Mr. Dunne, Mr. Meeker, Mr. Moore.

**PURCHASE OF AUTOMOBILE TRUCK.**

President Abbott reported that the Supervising Architect recommended the purchase of an automobile truck for general use.

On motion of Mrs. Henrotin, the Supervising Architect was authorized to arrange for the rental of an automobile truck for general University use, at a cost of fifty dollars for one month, and if the machine proves satisfactory to purchase it at a price not to exceed four hundred fifty dollars, the month's rental to apply on the purchase price. The appropriation was made by the following vote: Ayes, Mr. Abbott, Mrs. Busey, Mrs. Evans, Mrs. Henrotin, Mr. Hoit, Mr. Montgomery, Mr. Trevett, Miss Watson; noes, none; absent, Mr. Blair, Mr. Dunne, Mr. Meeker, Mr. Moore.

**MEETING OF THE COMMITTEE ON BUILDINGS AND GROUNDS.**

President Abbott presented for record the following report of a meeting of the Committee on Buildings and Grounds:

A meeting of the Committee on Buildings and Grounds was held at Urbana, July 9, 1914.

Present: Mr. Abbott, Mrs. Busey, Mrs. Evans, and Mr. Moore.

The committee considered the request of Mr. McKinley for permission to lay a car track on the parking on the west side of Lincoln Avenue, and the request from the Golf Club for larger links, but deferred action in both cases.

The following contracts for boiler house equipment, the award of which was referred to the committee, with power, were placed as follows:

**CHAIN GRATE STOKERS.**

Proposals were received from the Green Engineering Company, the Babcock and Wilcox Company, the LaCledre-Christy Clay Products Company, and the S. and S. Automatic Stoker Company.

The contract was awarded to the Green Engineering Company, on the basis of their proposal of \$2,896.

#### BOILER FEED PUMP.

Proposals were received from the Worthington Pump Company, the Deane Bros. Steam Pump Company, the American Pump Company, the Blake-Knowles Pump Company, the McMasters-Carr Supply Company, and the Pratt Iron Works Company.

The contract was awarded to the Worthington Pump Company on the basis of their proposal of \$550.

#### COAL AND ASH HANDLING EQUIPMENT.

Proposals were received from the Link-Belt Company, the Webster Manufacturing Company, the Jeffries Manufacturing Company, the Robins Conveying Belt Company, and the R. H. Beaumont Company.

The contract was awarded to the Link-Belt Company on the basis of their proposal of \$5,129.

#### COAL BUNKERS, ASH BUNKERS, COAL RECLAIMING HOPPERS, AND STEEL SUPPORTS FOR ASH BUNKERS.

Proposals were received from the Burr Company, the Link-Belt Company, and the Brown Hoisting Machinery Company (for coal and ash bunkers).

The contract was awarded to the Burr Company on the basis of their proposal of \$2,010.

#### FEEDWATER METER.

Proposals were received from the Hoppes Manufacturing Company, the Yarnall-Waring Company, the Harrison Safety Boiler Works, and the Builders Iron Foundry.

The contract was awarded to the Hoppes Manufacturing Company on the basis of their proposal of \$690.

#### AUTOMATIC WEIGHING SCALES FOR COAL—FOUR SETS.

Proposals were received from the Richardson Scale Company and the R. H. Beaumont Company.

The contract was awarded to the Richardson Scale Company on the basis of their proposal of \$820 for the four sets.

The total amount of contracts awarded for the above equipment is \$12,095.

W. L. ABBOTT,

*Chairman, Committee on Buildings and Grounds.*

#### MR. MOORE ELECTED PRESIDENT PRO TEMPORE.

President Abbott announced that he expected to be absent from his office and from the country for at least six weeks beginning July 12, 1914, and requested the board to appoint Mr. A. F. Moore to act as President of the board during Mr. Abbott's absence. On motion of Mrs. Evans, the following resolution was adopted:

WHEREAS, W. L. Abbott, President of the Board of Trustees, has signified his intention to be absent from his office and the State for the period of six weeks immediately following the 11th day of July, 1914.

*Be it Resolved*, That Allen F. Moore, a duly elected and qualified member of this Board of Trustees, be, and he is hereby, appointed to act as President of this board from July 12, 1914, to August 31, 1914, and during the absence of said W. L. Abbott from the State, with full power to do all things pertaining to the business of the University which the said W. L. Abbott as President of the board may now lawfully do.

At this point, President Abbott, being called from the room, asked Dr. Montgomery to take the chairmanship of the meeting, which he retained until the final adjournment although President Abbott returned to the meeting immediately.

At this point also, Mrs. Busey withdrew.

#### MATTERS PRESENTED BY THE PRESIDENT OF THE UNIVERSITY.

President James presented the following matters for the consideration of the board:

##### CONDEMNATION OF LAND FOR WOMEN'S RESIDENCE HALLS.

(1) A statement concerning the purchase of the lots as a site for the Women's Residence Hall:

At the meeting of the board held June 9, 1914, it was voted that the board express its preference for the Nevada Street site for the Woman's Residence Hall, and that the Finance Committee be directed to secure options for the purchase of lots 23, 24, and 25 on the south side of Nevada Street between Mathews Avenue and Lincoln Avenue. It has been found very difficult to secure options on these lots at any reasonable price.

I therefore recommend that the Counsel of the University be authorized and directed to initiate proceedings for the condemnation of lots 23, 24, and 25, in the Forestry Heights Addition to the city of Urbana. These lots are located on the south side of Nevada Street between Goodwin Avenue and Gregory Place, extended. These lots are owned, I understand, by Prof. H. L. Rietz, Mr. C. W. Walcott, and Mrs. Walton.

On motion of Mr. Hoit, the foregoing recommendation was approved. The vote was as follows: Ayes, Mr. Abbott, Mrs. Evans, Mrs. Henrotin, Mr. Hoit, Mr. Montgomery, Miss Watson; no, Mr. Trevett; absent, Mr. Blair, Mrs. Busey, Mr. Dunne, Mr. Meeker, Mr. Moore.

#### EXPENSE BILL OF PRESIDENT JAMES.

(2) The bill of the President of the University for traveling expenses incurred in the performance of his official duties from July 1, 1910, to July 1, 1914.

This bill was referred to the Finance Committee with authority to audit and to order payment. The vote was as follows: Ayes, Mr. Abbott, Mrs. Evans, Mrs. Henrotin, Mr. Hoit, Mr. Montgomery, Mr. Trevett, Miss Watson; noes, none; absent, Mr. Blair, Mrs. Busey, Mr. Dunne, Mr. Meeker, Mr. Moore.

At this point, Mrs. Busey returned to the meeting.

#### COMPTROLLER'S REPORT OF EXPENDITURES.

(3) A special report from Prof. George E. Frazer, Comptroller, showing the receipts and expenditures of the University for the year ending June 30, 1914.

This report was received, to be printed in the minutes:

July 9, 1914.

*President Edmund J. James, University of Illinois.*

DEAR SIR: I have the honor to hand you herewith a summary of the receipts and disbursements of the University of Illinois for the year ending June 30, 1914. Disbursements are shown in detail under the allotments made by the Board of Trustees. Disbursements under any particular allotment include transfer charges from storerooms.

The report handed you herewith is a summary of the receipt and disbursement data that will appear in the formal annual report.

Very truly yours,

GEORGE F. FRAZER, *Comptroller.*

#### SCHEDULE 1.

SUMMARY OF RECEIPTS, STATE FUNDS, AND DISBURSEMENTS FOR THE YEAR ENDING JUNE 30, 1914.

	Balance July 1, 1913.	Receipts Schedule 2.	Total.	Disburse- ments Schedule 3.	Balances.	
					Items.	Totals.
University Treasurer—						
General fund.....	\$277,851 19	\$394,163 18	\$ 672,014 37	\$ 620,262 14	\$51,752 23	.....
United States Experiment Station Fund....	1,140 77	30,140 00	31,280 77	31,005 94	274 83	.....
Medical Fund.....	*1,034 04	85,007 23	83,973 19	77,296 16	6,677 03	.....
Pharmacy Fund.....	2,166 87	22,393 04	24,559 91	7,754 75	16,805 16	\$75,509 25
Petty cash—						
Bursar.....			5,000 00		5,000 00	.....
Secretary, College of Medicine.....			300 00		300 00	.....
Actuary, School of Pharmacy.....			250 00		250 00	.....
Vice Director, Agricultural Experiment Station.....			600 00		600 00	6,150 00
State Auditor—						
Operation, maintenance and equipment.....			1,600,000 00	1,600,000 00		.....
Buildings, land and equipment.....			650,000 00	650,000 00		.....
Water survey and investigation.....			21,500 00	19,189 44	2,310 56	.....
Miners' and Mechanics' Institutes.....			15,000 00	9,526 42	5,473 58	7,784 14
Total .....		\$531,703 45	\$3,104,478 24	\$3,015,034 85		\$89,443 39

\* Overdraft.



## SCHEDULE 2.

CASH RECEIPTS FOR THE YEAR ENDING JUNE 30, 1914.

	Items.	Total.
GENERAL FUND.		
Agricultural College and Experiment Station—		
Administration .....	\$ 12 00	
Agronomy .....	620 14	
Agronomy Experiment Station—crops .....	3,478 26	
Agronomy Experiment Station—soils .....	6,644 43	
Animal Husbandry .....	7,790 67	
Animal Husbandry Experiment Station .....	10,236 33	
Dairy Creamery .....	38,823 56	
Dairy Husbandry .....	14,553 94	
Dairy Experiment Station .....	9,649 99	
Floriculture Experiment Station .....	908 27	
Horticulture .....	576 52	
Horticulture Experiment Station .....	354 92	
Horticulture Green House .....	2 00	
Household Science .....	151 40	
Household Science—cafeteria .....	12,880 24	
Press service .....	515 03	
		\$107,197 70
Engineering College and Experiment Station—		
Architecture .....	\$ 2 00	
Civil Engineering .....	123 15	
Electrical Engineering .....	105 75	
Engineering Experiment Station .....	583 68	
Mechanical Engineering .....	318 10	
Mining Engineering .....	10 25	
Physics .....	2 07	
Railway Engineering .....	157 67	
Railway Engineering Experiment Station .....	9 80	
Theoretical and Applied Mechanics .....	997 71	
		2,310 18
College of Liberal Arts and Sciences—		
Bacteriology .....	\$ 0 50	
Ceramics .....	33 75	
Chemistry .....	150 91	
Entomology .....	70 06	
Geology .....	1 50	
History .....	11 84	
Liberal Arts and Sciences—administration .....	3 08	
Psychology .....	9 81	
Romance Languages .....	1 52	
Zoology .....	3 31	
		286 28
Physical plant—		
Armory .....	\$ 236 94	
Auditorium Acoustics .....	1 20	
Buildings .....	414 15	
Campus lighting .....	23 53	
Commerce Building .....	17 50	
Grounds .....	4 00	
Heat and light .....	2,199 47	
Rent—Armory .....	140 00	
Auditorium .....	30 00	
Houses .....	1,510 61	
Stock Pavilion .....	5 00	
Sales of houses .....	798 16	
Supervising Architect's office .....	1,054 53	
Stock Pavilion .....	1 50	
Tunnel extension .....	6,415 81	
Telephone exchange .....	8 56	
Woman's Building .....	17 89	
		12,878 85
Fee collections—		
General and laboratory .....	\$144,972 33	
Lockers .....	3,924 50	
		148,896 83
Trust funds—		
B'nai B'rith .....	\$ 115 00	
Hospital Association .....	377 00	
McDowell Memorial Fund .....	4 57	
McKinley Fund—interest .....	469 84	
McKinley Fund—principal .....	1,363 20	
Northwestern Terra Cotta Company Prize .....	50 00	
Plym Fellowship .....	1,000 00	
Snyder Fund—interest .....	541 17	
Snyder Fund—principal .....	3,136 59	
Towel Fund .....	731 75	
Wilson Lectureship Fund .....	100 00	
Woman's League Fund .....	88 95	
		7,978 07

## SCHEDULE 2—Concluded.

	Items.	Total.
Miscellaneous—		
Accountancy .....	\$ 1,028 04	
<i>Alumni Record</i> .....	644 79	
Blue printing .....	1,130 18	
Business office .....	298 26	
Dean of Men .....	45 44	
Emergency Hospital .....	785 18	
Freshman Advisers .....	25 00	
Graduate School—Illinois survey .....	333 86	
Graduate School—Thesis deposits .....	225 00	
Interest on land contracts .....	44 10	
Interest on endowment fund .....	32,419 14	
Library .....	347 43	
Library additions .....	1 52	
Illinois Cannery Association .....	166 66	
Military Department .....	14 90	
Morrill Fund .....	25,000 00	
Music .....	68 77	
Nelson Fund .....	25,000 00	
Office supply stores .....	193 72	
Orchestra concerts .....	3,985 00	
<i>Philology, Journal of</i> .....	1,030 06	
Postage stores .....	130 48	
President's office .....	75	
Printing and postage .....	2 91	
Printograph .....	58 63	
Registrar's office .....	8 25	
Salary refunds .....	79 03	
State Treasurer .....	20,000 00	
Student Associations .....	9 50	
<i>University Studies</i> .....	40 33	
Water survey .....	1,497 84	
<i>Weekly Calendar</i> .....	50	
		\$114,615 27
Total general fund .....		\$394,163 18
UNITED STATES EXPERIMENT STATION FUND.		
Adams Fund .....	\$15,000 00	
Adams Fund Receipts .....	140 00	
Hatch Fund .....	15,000 00	
Total United States Experiment Station Fund .....		\$30,140 00
MEDICAL FUND.		
Dentistry—		
Fees .....	\$13,165 00	
Infirmary .....	214 15	
Infirmary Clinic .....	4,186 85	
Interest .....	38 50	
Rebates .....	57 00	
Rental of engines .....	72 50	
		\$17,734 00
Medicine—		
Advertising .....	\$ 235 17	
Administration .....	18 00	
Dispensary .....	665 30	
Embalming .....	10 00	
Fees—general and laboratory .....	64,950 26	
Lockers .....	282 25	
Interest on bonds .....	324 00	
Rebates .....	539 49	
Scholarship Fund .....	204 00	
West Side Hospital .....	9 76	
X-Ray Department .....	35 00	
		67,273 23
Total Medical Fund .....		\$85,007 23
PHARMACY FUND.		
Fees .....	\$22,286 54	
General .....	100 00	
Incidentals .....	6 50	
Total Pharmacy Fund .....		\$ 22,393 04
SUMMARY.		
General fund .....	\$394,163 18	
United States Experiment Station Fund .....	30,140 00	
Medical Fund .....	85,007 23	
Pharmacy Fund .....	22,393 04	
		531,703 45

## SCHEDULE 3.

DISBURSEMENTS FOR THE YEAR ENDING JUNE 30, 1914.

	Items.	Total.
From appropriations brought forward from 1912-1913,		
Schedule 31 .....		\$ 195,737 04
From appropriation for 1913-1914—		
Land and buildings, Schedule 32.....	\$473,107 05	
Physical plant, Schedule 33.....	277,179 94	
Administration and general expense, Schedule 34....	278,625 14	
College of Liberal Arts and Sciences, Schedule 35....	437,927 72	
Agricultural College and Experiment Station, Schedule 36 .....	632,161 87	
Engineering College and Experiment Station, Schedule 37 .....	299,224 73	
Graduate School, Schedule 38.....	44,665 41	
College of Medicine and Dentistry, Schedule 39.....	207,109 19	
Other schools and departments, Schedule 301.....	169,296 56	
		2,819,297 81
Total, Schedule 1.....		\$3,015,034 85

## SCHEDULE 31.

DISBURSEMENTS ON ACCOUNT OF APPROPRIATIONS BROUGHT FORWARD FROM 1912-1913.

	Items.	Total.
Current appropriations—		
Literature and Arts, College of.....	\$74 10	
Science, College of.....	7 85	
		\$ 81 95
State appropriations—		
Agricultural College .....	\$15,278 43	
Animal Husbandry Building.....	70,941 39	
Apparatus and appliances—		
Astronomy .....	492 96	
Museum .....	321 84	
Psychology .....	14	
Armory .....	21,981 65	
Cabinets .....	159 90	
Ceramics .....	851 33	
Clinic Building .....	74 28	
Commerce Building .....	8,424 71	
Crop experiments .....	2,517 88	
Drains, fences and repairs.....	2,162 26	
Engineering Building and Grounds.....	4,727 54	
Engineering extension and maintenance.....	7,865 11	
Glass House .....	328 95	
Graduate School .....	12,709 51	
Household Science .....	2,363 94	
Law Building .....	3,572 00	
Law School .....	3,052 43	
Library .....	1,842 56	
Live stock specimens.....	807 48	
Mines investigation .....	8 33	
Mining engineering .....	3,097 77	
Operative expense .....	4,867 10	
Pavements and walks.....	168 30	
Social and Political Science.....	4,055 89	
Soil maps .....	11,043 60	
Telephone exchange .....	292 47	
University Hall .....	450 80	
Water investigation .....	943 76	
Water survey .....	2,918 38	
Woman's Building addition.....	7,332 40	
		195,655 09
Total .....		\$195,737 04

## SCHEDULE 32.

DISBURSEMENTS ON ACCOUNT OF LAND AND BUILDINGS FOR THE YEAR ENDING  
JUNE 30, 1914.

	Items.	Total.
Land and land improvements—		
Land .....	\$361,436 04	
Campus lighting .....	4,697 50	
Pavements and walks.....	3,639 54	
Locomotive Laboratory Reservoir.....	3,342 91	
		\$373,115 99
Buildings—		
Armory .....	\$55,924 46	
Chemical Laboratory addition.....	781 06	
Gymnasium .....	11,813 01	

## SCHEDULE 32—Concluded.

	Items.	Total.
Buildings—Concluded.		
Insectary .....	\$ 1 25	
Library stacks .....	2,425 04	
Observatory .....	28 00	
Storehouse .....		
Woman's Building .....	9,017 89	
Auditorium improvements .....	35	
		<u>\$79,991 06</u>
Total to Schedule 3.....		\$453,107 05
Refund from State Auditor to University Treasurer on land purchase .....		20,000 00
		<u>\$473,107 05</u>

## SCHEDULE 33.

## DISBURSEMENTS ON ACCOUNT OF PHYSICAL PLANT FOR THE YEAR ENDING JUNE 30, 1914.

	Items.	Total.
General equipment—		
Furniture and fixtures.....	\$3,092 20	
Lincoln Hall bookcases.....	5,015 95	
Pipe organ .....	242 05	
Temperature control .....	1,294 85	
		<u>\$ 9,645 05</u>
Physical plant extension—		
Electrical conduit extension.....	\$ 2,500 00	
Fire protection equipment.....	326 19	
Heating and lighting plant.....	5,334 34	
Telephone extension .....	1,966 87	
Tunnel extension .....	52,129 50	
Water station equipment.....	2,400 00	
		<u>65,156 90</u>
Physical plant operation and maintenance—		
Salaries .....	\$23,980 07	
Supervising Architect's office.....	2,277 91	
Superintendent of Building's office.....	3,579 65	
Heating and lighting.....	78,730 32	
Building operation .....	44,138 15	
Buildings maintenance .....	27,366 20	
Building changes .....	3,230 86	
Grounds .....	10,660 09	
Fire protection .....	3,279 36	
Water station .....	688 79	
Telephone exchange .....	2,711 30	
Switch track .....	772 93	
Campus extension .....	962 36	
		<u>202,377 99</u>
Total to Schedule 3.....		<u>\$277,179 94</u>

## SCHEDULE 34.

## DISBURSEMENTS ON ACCOUNT OF ADMINISTRATION AND GENERAL EXPENSE FOR THE YEAR ENDING JUNE 30, 1914.

	Items.	Total.
Salaries for administration and general departments.....		\$122,848 31
Administration—		
Board of Trustees.....	\$4,988 58	
Quarterly audit .....	1,517 30	
President's office .....	4,151 08	
Vice President's office.....	302 92	
Business office .....	6,103 41	
Registrar's office .....	6,136 76	
Council of Administration.....	616 91	
University Senate .....	10 39	
Legal Counsel .....	181 76	
Treasurer's office .....	600 00	
Retiring allowance .....	500 00	
		<u>25,109 11</u>
General departments and expense—		
Library .....	\$11,265 28	
Library additions .....	67,074 70	
Dean of Men.....	4,556 20	
Dean of Women.....	377 42	
Physical training for men.....	1,428 60	
Towel system .....	946 28	
Physical training for women.....	501 98	
High school visitor.....	1,771 42	
High school conference.....	1,494 98	
High school oratorical contest.....	361 51	
Military .....	2,326 73	
Military scholarships .....	2,604 00	

## SCHEDULE 34—Concluded.

	Items.	Total.
General departments and expense—Concluded.		
Lectures .....	\$ 991 42	
Orchestra concerts .....	5,000 00	
University convocations .....	447 64	
Printing and publishing .....	8,640 02	
<i>Directory of Matriculants</i> .....	2,343 86	
<i>Alumni Quarterly</i> .....	1,000 00	
<i>News Bulletin</i> .....	933 01	
Blueprinting and photography .....	2,086 27	
Receptions and social functions .....	285 95	
Auditorium Acoustics .....	456 59	
Boat repairs .....	758 00	
Saltpetre investigation .....	.....	
Students handbook .....	250 00	
Rebates to students .....	8,047 57	
Emergency Hospital .....	4,335 54	
Gregory Memorial .....	262 70	
Employment bureau .....	120 05	
		\$130,667 72
Total to Schedule 3 .....		\$278,625 14

## SCHEDULE 35.

## DISBURSEMENTS ON ACCOUNT OF COLLEGE OF LIBERAL ARTS AND SCIENCES FOR THE YEAR ENDING JUNE 30, 1914.

	Items.	Total.
Salaries .....	\$361,168 13	
Administration .....	1,512 94	
Scientific artist .....	59 09	
Freshmen Advisers .....	1,518 00	
Art and design .....	903 80	
Astronomy .....	587 04	
Bacteriology .....	1,782 34	
Illinois Cannery Association .....	923 78	
Botany .....	3,907 25	
Ceramics .....	8,331 96	
Chemistry .....	26,688 86	
Classics .....	296 07	
Education .....	2,623 57	
English .....	1,737 10	
Entomology .....	1,448 76	
Geology .....	1,725 24	
German .....	273 99	
History .....	303 10	
Mathematics .....	693 30	
Philosophy .....	76 96	
Physiology .....	1,570 71	
Political Science .....	79 56	
Psychology .....	1,112 62	
Romance Languages .....	154 56	
Sociology .....	284 25	
Zoology .....	6,873 99	
Museums—		
Classical .....	4,862 77	
European Culture .....	4,915 79	
Natural History .....	1,512 19	
Total, Schedule 3 .....		\$437,927 72

## SCHEDULE 36.

## DISBURSEMENTS ON ACCOUNT OF AGRICULTURAL COLLEGE AND EXPERIMENT STATION FOR THE YEAR ENDING JUNE 30, 1914.

	Items.	Total.
Agricultural Buildings—		
Dairy farm house .....	\$ 41 30	
Feeding plant .....	1,332 89	
Horticultural Glasshouse .....	37,496 19	
Nutrition Laboratory .....	6,357 20	
Stock pavilion .....	33,061 67	
Building changes .....	1,054 59	
		\$ 79,343 84
Agricultural College—		
Administration .....	\$13,809 09	
Agricultural extension .....	19,420 63	
Agronomy .....	50,692 22	
Animal Husbandry .....	62,671 22	
Animal Husbandry specimens .....	4,033 31	
Dairy .....	43,569 16	
Dairy cattle .....	1,713 00	
Dairy creamery .....	31,858 98	
Horticulture .....	58,344 81	

## SCHEDULE 36—Concluded.

	Items.	Total.
Agricultural College—Concluded.		
Household Science .....	\$22,651 01	
Household Science—cafeteria .....	10,754 62	
Veterinary Science .....	2,590 38	
		\$322,108 43
Agricultural Experiment Station—		
Animal Husbandry .....	\$39,715 83	
Agronomy—crops .....	18,360 40	
Agronomy—soils .....	78,510 22	
Dairy .....	30,875 89	
Floriculture .....	8,848 93	
Horticulture .....	23,392 39	
		199,703 66
United States Experiment Station—		
Hatch—		
Administration .....	\$4,500 00	
Agronomy .....	2,500 00	
Dairy .....	6,450 00	
Nitrogen Fixation Research.....	1,550 00	
Adams—		
Administration .....	1,930 00	
Animal Husbandry .....	8,570 00	
Horticulture .....	4,500 00	
Adams receipts—		
Animal Husbandry .....	1,005 94	
		31,005 94
Total, Schedule 3.....		\$632,161 87

## SCHEDULE 37.

DISBURSEMENTS ON ACCOUNT OF ENGINEERING COLLEGE AND EXPERIMENT STATION FOR  
THE YEAR ENDING JUNE 30, 1914.

	Items.	Total.
Salaries .....		\$212,994 63
Engineering College—		
Administration .....	\$ 4,467 39	
Architecture .....	3,000 46	
Civil Engineering .....	1,119 57	
Electrical Engineering .....	5,121 24	
General Engineering Drawing.....	1,001 08	
Mechanical Engineering .....	13,169 33	
Mining Engineering .....	5,497 27	
Physics .....	4,915 99	
Railway Engineering .....	3,966 60	
Theoretical and Applied Mechanics.....	6,516 45	
		48,775 38
Engineering Experiment Station—		
Administration .....	\$11,169 94	
Chemical Engineering .....	764 88	
Civil Engineering .....	1,119 57	
Electrical Engineering .....	1,069 09	
Mechanical Engineering .....	497 99	
Physics .....	582 01	
Railway Engineering .....	3,538 12	
Theoretical and Applied Mechanics.....	2,460 17	
		20,582 44
Cooperative mines investigation.....		4,692 57
Mechanics' and Miners' Institutes.....	\$8,874 99	
Shop improvements .....	3,304 72	
Total, Schedule 3.....		\$299,224 73

## SCHEDULE 38.

DISBURSEMENTS ON ACCOUNT OF GRADUATE SCHOOL FOR THE YEAR ENDING JUNE 30, 1914.

	Items.	Total.
Salaries .....		\$ 7,499 96
Fellowships and Scholarships.....		20,790 00
Research—		
Unassigned .....	\$ 6 00	
Bagley .....	35 00	
Bayley .....	167 90	
Carnahan .....	50 00	
Forbes .....	207 75	
Johnston .....	39 21	
Kingsley .....	43 35	
Oldfather .....	57 79	
Savage .....	64 88	
Rahn .....	35 00	
Trelease .....	780 20	
Ward .....	150 00	
Zeleny .....	200 00	
		1,837 08

## SCHEDULE 38—Concluded.

	Items.	Total.
Library equipment—		
Unassigned .....	\$3,175 23	
Carnahan .....	50 00	
Fitz-Gerald .....	203 50	
Goebel .....	118 58	
Jones .....	77 97	
Kinley .....	559 77	
Koller .....	81 80	
Moore .....	94 41	
Rahn .....	120 00	
Schoepperle .....	403 79	
Seymour .....	5 74	
Stebbins .....	149 40	
Trelease .....	297 20	
Zeitlin .....	80 76	
Crockerland Expedition .....		\$5,418 15
University Studies .....		2,500 00
Journal of Philology .....		1,083 00
Illinois survey .....		750 00
Clerical help .....		3,951 16
Incidentals .....		261 09
		574 97
Total, Schedule 3 .....		\$44,665 41

## SCHEDULE 39.

DISBURSEMENTS ON ACCOUNT OF COLLEGES OF MEDICINE AND DENTISTRY FOR THE YEAR  
ENDING JUNE 30, 1914.

	Items.	Total.
Salaries—		
General .....	\$11,108 04	
Medical .....	35,828 63	
Dental .....	11,174 56	\$58,111 23
Repairs—		
General .....	\$ 4,586 58	
Medical .....	11,561 02	
Dental .....	7,275 05	23,422 65
Medical equipment .....		4,838 62
Dental equipment .....		7,847 70
Heating and lighting .....		7,959 38
Laboratory stores .....		9,881 99
Mortgage installments and interest .....		33,708 07
Administration—		
General .....	\$ 7,014 64	
Medical .....	11,611 95	
Dental .....	5,538 44	
Buildings operation .....	765 68	24,930 71
Departmental allotments—		
General—		
Anatomy .....	\$ 2,366 43	
Chemistry .....	3,399 64	
Physiology .....	282 71	
Medical—		
Bacteriology .....	340 43	
Dispensary .....	2,732 76	
Library .....	4,078 46	
Medicine .....	361 18	
Pathology .....	642 19	
Pharmacology .....	1,083 06	
Obstetrics .....	882 37	
Research .....	2,887 63	
Roentgenology .....	3,697 03	
Surgery .....	632 87	
Dental—		
Bacteriology .....	245 03	
Histology .....	866 94	
Infirmary .....	10,714 01	
Oral Surgery .....	395 86	
Prosthetics .....	422 87	
Radiology .....	312 37	
Operative .....	65 00	36,408 84
Total, Schedule 3 .....		\$207,109 19

## SCHEDULE 301.

DISBURSEMENTS ON ACCOUNT OF OTHER SCHOOLS AND DEPARTMENTS FOR THE YEAR  
ENDING JUNE 30, 1914.

	Items.	Total.
Commerce .....	\$28,046 92	
Law Library .....	3,827 90	
Law School .....	23,839 99	
Library School .....	7,817 87	
Music .....	19,533 18	
Pharmacy .....	24,856 29	
Summer Session—1913 .....	14,095 13	
Summer Session—1914 .....	1,195 37	
Summer Library School—1913 .....	465 04	
Accountancy Committee .....	637 50	
Water survey .....	28,077 17	
Trust funds—		
B'nai B'rith .....	84 76	
Hospital Association .....	574 56	
Llewellyn Prize .....	50 00	
McKinley Fund .....	1,985 00	
Plym Fellowship .....	800 00	
Snyder Fund—principal .....	3,350 00	
Snyder Fund—interest .....	600 00	
Towel Fund .....	440 00	
Woman's League Loan Fund .....	200 00	
Northwestern Terra Cotta Company, prize .....	50 00	
Stores—		
Office supplies .....	2,001 59	
Postage .....	861 00	
Petty cash .....	5,850 00	
Printograph .....	57 29	
Total, Schedule 3 .....		\$169,296 56

**ADDITIONAL LEAVE OF ABSENCE ASKED FOR DEAN GOSS.**

(4) A statement concerning an extension of leave of absence for Dean W. F. M. Goss:

Prof. W. F. M. Goss, Dean of the College of Engineering of the University of Illinois, was granted leave of absence, without salary, by the Board of Trustees from the 1st of July, 1913, until June 30, 1914, to take up some work with the committee of the Chicago Association of Commerce. The task which he undertook at that time has not yet been completed, and he has preferred a request for a further leave of absence, without salary, until February 1, 1915.

There are grave inconveniences arising from such an extended leave of absence, and yet it seems to be impracticable for Prof. Goss to give up the work which he now has in hand until it is completed.

On motion of Mr. Abbott, it was voted that the President of the University be authorized to grant such leave of absence to Dean Goss if, in his judgment, it is consistent with the interests of the University.

**DEGREES CONFERRED, 1914.**

The Secretary presented for record the list of persons upon whom degrees were conferred by President James at the Forty-third Annual Commencement, upon the recommendation of the faculties of the several colleges and schools and the University Senate:

**SUMMARY OF DEGREES.**

<i>Degrees in the Graduate School—</i>			
A.M. ....	72	M.Arch. ....	2
M.S. ....	40	Ph.D. ....	22
C.E. ....	4		
E.E. ....	2	Total .....	142
<i>Baccalaureate Degrees—</i>			
A.B., College of Liberal Arts and Sciences .....	247	B.S., College of Engineering ..	218
B.L., College of Liberal Arts and Sciences* .....	27	B.S., College of Engineering* ..	10
B.S., College of Liberal Arts and Sciences .....	21	B.S., College of Agriculture ..	143
B.S., College of Liberal Arts and Sciences* .....	5	B.S., College of Agriculture* ..	3
		B.Mus., School of Music ....	5
		Total .....	679
<i>Degrees in Law—</i>			
LL.B. ....			22
J.D. ....			3
Total .....			25
Degrees in Library Science—B.L.S. ....			5
Total, colleges and schools in Urbana .....			851

\* Degrees conferred on former students, see page 78.



Degrees in Medicine—M.D. ....	113
Degrees in Dentistry—D.D.S. ....	30
Degrees in Pharmacy—	
Ph.G. ....	32
Ph.C. ....	6
Total, departments in Chicago.....	181
Total, all departments.....	1,032

## LIST OF DEGREES.

THE COLLEGES AND SCHOOLS AT URBANA.  
(Degrees Conferred June 17, 1914.)

## THE COLLEGE OF LIBERAL ARTS AND SCIENCES.

## THE DEGREE OF BACHELOR OF ARTS IN LIBERAL ARTS.

*In General Courses.**(With Thesis.)*

Nuel Dinsmore Belnap.	Odessa Madge Myers.	Frederick Curtis Swanson.
Aaron Mathers.	Bertha Lee Sharp.	Mark Albert Van Doren.
Marshall Crittendon Mer-		
rills.		

*(Without Thesis.)*

Raymond Bean Albright.	Richard Hartloff Habbe.	Casper Platt.
Albert Angelo Applegate.	Ruth Halliday.	Mertie Amalia Postel.
Amelia West Baker.	Ernest Floyd Hanes.	Bernice Powell.
George Holbrook Bargh.	Hannah Jewell Harris.	Bernice Mae Quinn.
Amy Adaline Beach.	Margaret Ray Harris.	Carl King Rang.
Louise Nancy Bennett.	William Harris.	Ruth Margaret Renwick.
Louis Angelo Boettiger.	Edwin Laurie Hasker.	Carrie Lee Rooth.
Wintress Brennan.	Charles Brown Hershey.	Wilfred Crouch Ropie-
Norman Ferdinand Brun-	Caroline Elizabeth Hes-	quet.
kow.	selbaum.	Nondas Caroline Russell.
Geraldine Alice Bullard.	Wilma Marie Hill.	Lillian Waters Savage.
Franklin Barnhart Burns.	Frankie Leo Holton.	Emil Ferdinand Schaar-
Emma Bertha Butzow.	Isabel Hoover.	man.
Grace Amelia Campbell.	Helen Elizabeth Hough.	Esther Beulah Seeley.
Ruth Mae Canfield.	James Albert Hunter.	Sentaro Sekine.
Isaac Ray Carter.	Ruth Hutchinson.	Wilma Loy Shelton.
Sidney Casner.	Bessie Opal Keller.	Frank Clifton Slater.
Katherine Trusdell Chase.	Annirene Kirkland.	Wilson Marshall Smith.
David Roland Clarke.	Miriam Knowlton.	Myrtle Lois Stahl.
Leila Belle Cleghorn.	Edith Jane Lamb.	Bernice Fallis Starr.
Olen Robert Clements.	Ying Nan Lee.	Carl Garner Stearns.
Bessie Florence Cline.	Bess Mae Lindley.	Lottie Emily Steele.
Hazel Belle Coffey.	Claude Lee McCabe.	Margaret Taylor.
James Rubin Colbert.	Edna Amelia McGee.	Kwang-tang Teng.
Florence Avis Coultas.	Katherine Leslie McGraw.	Lyle Thomas.
Arete Caroline Covey.	Daniel Valentine Mc-	Harry Shults Tressel.
Anna Ethel Cox.	Wethy.	Frances Helen Trost.
Myrtle Amy Cruzan.	Edith Melvina Mann.	Phoebe Caroline Tucker.
Hale Plahn Daugherty.	Thompson Arlene Merrill.	Bessie Irene Turner.
Alice Victoria Davenport.	Olive Fiedele Miller.	Madge Virginia Ward.
Beatrice Earle Dean.	Helen Mitchell.	Perley Melvin Watson.
Vivian Persis Dewey.	Margaret Ellen Molt.	Mildred Ruth Way.
Mary Estella DeWolfe.	Ruby Frances Moore.	Albert Webber.
Lula Belle Dexter.	Grace Busey Morgan.	Laura Gwendolen Whit-
Earl Burrus Dickerson.	Jessie Morse.	mire.
Eva Dodds.	Dora Myrtle Nebel.	Sarah Jane Whittenberg.
Daniel Baldwin Fager.	John Elliot Noon.	Clarence Jacob Wolff.
Elmer Ellsworth Fiero.	Alleen Hall O'Bar.	Leland Magness Wooters.
Lester Eugene Frailey.	Agnes Mildred Olson.	Bernice Wright.
Anna Marie Gallagher.	Clarence Orr.	Minnie Roberta Wright.
Rae Goldman.	Mary Elizabeth Orr.	Bertha Alice Wykle.
Helen Winifred Grant.	John Joseph Pitts, Jr.	

*In Business Courses.**(With Thesis.)*

Nohtaro Inagaki.	George Arthur Newell, Jr.	Stanley Christopher
Tsong-Lin Ku (Railway	Harold Paul Ousley.	Smith.
Adminis).		Samuel Victor Winquist.

*(Without Thesis.)*

Donald Winchester Acer.	Callistus James Ennis.	Glenn Thompson Ross.
Wayne Gottlieb Broehl.	William Leroy Griffin.	Roy Meneley Ross.
Thomas Clifford Bur-	Robert Carl Johnson.	Wilfred Carl Sigerson.
wash.	Chen Chi Kan.	George Leiner Titus.
Gerald Vincent Carrier.	Albert Eugene Kidd.	Leon Alvin Triggs.
Hervey Miller Dale.	Paul Wright Pogue.	Alvin Louis Wagner.
Roy Van Liew DeMott.	Carl Eric Redborg.	Vernon Huff Warfield.
William Guy Dunlap.	Alfred Robert Rohlfing.	

*In Household Science.*

(Without Thesis.)

Katharine Edith Acer.	Hazel Elizabeth Hinshaw.	Carrie May Pervier.
Rena Anderson.	Eda Auguste Jacob.	Jessie Blanche Rothgeb.
Alice Elizabeth Baines.	Dorette Thayer John.	Emma Eugenie Schaller.
Nelle Elizabeth Barrick.	Esther Allen Kern.	Lavinia Shriver Stinson.
Helen Bell Comstock.	Nell Ruth Kirkpatrick.	Judith Elsie Streed.
Helen Fairfield.	Elizabeth Knowlton.	Emily Kingman Sunder-
Mary Emma Felter.	Etta Mabel Lantz.	land.
Helen Beatrice Gere.	Eva Lillian Larson.	Minna Luella Wickoff.
Leola Ione Goodmann.	Clara Vesta Lewis.	Bernice Celia Wilson.
Avis Gwinn.	Naomi Olive Newburn.	Victoria Pamilla Walk-
Nelle Mae Hartsock.	Frances Alcetta Nichol.	erly.

## THE DEGREE OF BACHELOR OF ARTS IN SCIENCE.

*In General Science.*

(With Thesis.)

Christopher Keeney	Axel Magnus Hjort.	Lelia Mae Ormsby.
Beebe.	John Moller Janson.	Helen Marie Richards.
	(Without Thesis.)	
Clarence Marcellus Ash-	Alfred DeWitt Hawley.	Arthur Henry Orcutt.
burn.	Carrie Belle Herdman.	Leland George Osborn.
John Madison Avery.	Charles Francis Hill.	Olive Allen Paine.
Mamie Bunch.	Ferdinand Homann.	Veda Louise Payne.
Sung Shu Chien.	Tsung Han Hsu.	William McCord Peeples.
Stephen Thurston Claflin.	Paul Francis Kerrigan.	Floyd Emerson Poston.
Mary Ella Climer.	Lewis S. Linder.	Grover Colvin Rice.
Alexander Cohn.	James Miles McGrath.	Floyd Elba Rowland.
Elyzabeth Frances Don-	Robert Haskell Marshall.	John Knox Skinner.
adson.	Arthur Franklin Meilen.	William Augustus Strong.
William Fuller Fielder.	Ina Valeria Meredith.	Mildred May Van Cleave.
William Leonard Frank.	Donald Kenneth Morrison.	Grace Lucile Worrell.
Philip Hilton Goldberg.	Myer Oscar Nathan.	

*In Household Science.*

(Without Thesis.)

Dorothy Mae Brayton.	Mary Elsie Gildersleeve.	Olivette C. McKee.
Harriet Anne Byrne.	Helen Leigh Hanes.	Minnie Isabel Milne.
Ethel Clarke.	Alice Ruth Hatch.	Laura Marie Sanders.
Jessie Fay Edmundson.	George Minnie Klein.	Mabel Eva Schadt.
Della Alice Gaskill.		

*In the Six-Year Medical Course.*

(With Thesis.)

Edward Adelbert Doisy.	Hubert Morton English.	Coen L. Luckett.
	(Without Thesis.)	
Harry Webb Benjamin.	George Curtis Ellis.	Frank Joseph Karcher.
Raymond Evan Davies.	Ralph Wilbur Hardinger.	

## THE DEGREE OF BACHELOR OF SCIENCE.

*In Ceramics.*

(With Thesis.)

Emil Joseph Anderle.	Ralph Raymond Daniel-	Roy Arthur Horning.
Howard Clinton Arnold.	son.	Harry George Schurecht.
Mark Adolph Button-	Paul Albert Handke.	
maker.		

*In Ceramic Engineering.*

Warren Edward Bow.	Kenneth Edward Rock-	Sidney Isaac Sewell.
Frank Allen Kirkpatrick.	hold.	Charles Louis Walduck.
Thomas Newkirk McVay.		

*In Chemistry.*

Clarence Barbre.	Nim Chi Shum.
	<i>In Chemical Engineering.</i>

Banesvar Dass.	Anton Prasil.	Carl William John
James Franklin Garrett.	Paul Cobb Rich.	Sievert.

*In Household Science.*

(Without Thesis.)

Elsie Travilla Spear.

## THE COLLEGE OF ENGINEERING.

## THE DEGREE OF BACHELOR OF SCIENCE.

*In Architecture.*

Charles Becht Anthony.	Erwin Ottomar Christen-	Jackson Edward Hirschl.
Robert Mills Baille.	sen.	Frank Joseph Hoffman.
Leo Michael Bauer.	Rudolph Walter Cutshall	Louis Julius Horwich.
Leslie Cosby Bernard.	George Harold Dubin.	Herbert W. Jory.
Samuel P. Boonstra.	George Elmore Gable.	Roy Alexander Kane.
Adolph Otto Budina.	Edward Clarke Harper.	Ralph Leverett Kelley.

Wayne Isaac Kirby.  
Philetus Clarke Knowl-  
ton, Jr.  
Sam Korshak.  
Charles Fontaine Maury.  
Marcus Gilbert Miller.  
Charles Leonard Morgan.

Myer Oscar Nathan.  
Edwin Francis Noth.  
John Wallace Park.  
Emil Paul Schreier.  
Albert Thornton Smith-  
son.

Harold Greene Sprague.  
Raymond Monroe Stevens.  
Rayburn Stokes Webb.  
George Hyde Wittenburg.  
Carl Stanley Wyant.

#### *In Architectural Engineering.*

Eugene Franklin Adams.  
Joseph Mandel Brand-  
stetter.  
Michael Buhai.  
Tsin Chuang.  
Harry Kimball Dick.  
Matthew Elbridge Dunlap.  
Myrlin Stein Fallis.  
Samuel James Farlow.  
Edmond Roy Foster.

Frederick John Giehler.  
Clarence Patrick Griffith.  
Roy Walfred Hanson.  
Max Brown Higgins.  
Robert Ulysses Johnson.  
Henry Gilbert Karges.  
Wallace Bright Livesay.  
Frank Joseph Naprstek.  
George Edward Quick.

Benjamin Julius Rappa-  
port.  
Robert Rutter Reimert,  
Jr.  
Vern Anton Roland.  
Walter Howard Scales.  
Louis Wolfgang Sporlein.  
Winthrop Madison Wads-  
worth.

#### *In Civil Engineering.*

John Henning Anderson.  
Walter Seigfreid Ander-  
son.  
Charles Henry Apple.  
Federico Basadre.  
Walter Edward Bilhorn.  
Earl Blaine Blough.  
Walter Howard Boyer.  
Horace Trowbridge  
Brown.  
Walter John Bublitz.  
Philip Eliot Buck.  
Carl Irven Burggraf.  
Harley Marion Butt.  
Charles Findlay Cart-  
wright.  
Lawrence Albert Cline.  
Thomas Andrews Davis.  
Frank Christian Feutz.  
Cassius Paul Fletcher.

Roy Lyle Getman.  
Albert Gonsior.  
Harris Jacob Harman.  
Emil Nicholas Heidkamp.  
Thomas McDonald Hep-  
burn.  
John William Hill.  
Arthur Burgess Hillman.  
Arch Floyd Keehner.  
Oscar B. Kercher.  
Leslie Alvin Liggett.  
Oscar Lippman Liss.  
Asuncion V. Lopez.  
Erwin Moses Lurie.  
Robert Burrell Moir.  
Charles Stewart Mulva-  
ney.  
Milton Murr.  
Lloyd Herman Pasewalk.  
Earl D. Pedro.

Theodore Plack.  
Paul Rudolph Arcander  
Preus.  
Edwin Chester Prouty.  
Frank Erwin Richart.  
David Morris Riff.  
Ralph Lloyd Sanders.  
William Davis Shipman.  
Robert Leroy Smart.  
Hubert Vincenz Stephen-  
son.  
Charles Henry Thompson.  
Frank Baker Warren.  
Harry Clayton Webster.  
Edward Roy Wells.  
Clifford Harper Westcott.  
Norman Kenneth Wilson.  
Dean Parkhurst Woleben.  
Jesse John Woltmann.

Henry Wilmont Bartling.  
Arthur William Baum-  
garten.  
Edwards Hall Berry.  
Walter Joseph Blum.  
Harold Benjamin  
Bolander.  
William Burnett, Jr.  
Jewell Cecil Butler.  
James Errol Churchill.  
Francis Marion Cockrell.  
Lourde Joseph Conboy.  
Fred Edwin Dace.  
John Henry Dallenbach.  
John Thomas Donahoe.  
Leslie William Faulkner.

#### *In Electrical Engineering.*

Albert Macy Gaddis.  
Paul Mathew Hart.  
Elijah Robert Hatowski.  
Henry Harrison Henline.  
Robert Ferdinand Kaun.  
Hubert St. Clair Kilby.  
Vi Tsing Koo.  
Clayton Lee Malaise.  
Louis Douglas Mc-  
Caughy.  
Clayton Allen Miller.  
Gundayu Mizoguchi.  
Harold Vaughan Orr.  
Raymond William Owens.  
Julius Clark Palmer.  
Ernest Alexander Reid.

Ernest Somers Scott.  
James Douglass Shepperd.  
Fred Glen Shoemaker.  
John Lawrence Simonich.  
Donald Jenks Smith.  
Earl Ray Suter.  
Alexander Eli Tarrac-  
ciano.  
Henry Raymond Tear.  
Harold Earle Thompson.  
John Kline Tuthill.  
Anton Henry Wiebmer.  
Earl Clinton Williams.  
Harry Gardner Wood.  
Jeshine Zohn Zee.

Arthur Hildeman  
Aagaard.  
John Leslie Alden.  
Harlow Aydelott Ams-  
bary.  
Joseph Ladd Ballon.  
Phil Chase Barber.  
Merrill Glenn Benjamin.  
Adolph Bergman.  
John Earl Black.  
Kumudini Kante Bose.  
Lincoln Bales Breedlove.  
John Fred Breton.  
Ralph William Bunge.  
Ralph Burke.  
Ralph Cookman Chest-  
nutt.

#### *In Mechanical Engineering.*

Leo Morelle Chesrown.  
John Cutler.  
Harry Otto Danz.  
Lemuel DeForest.  
Herbert Devine.  
Raymond Thomas Doug-  
las.  
Armin Elmendorf.  
Henry Lawrence Fischer.  
Erwin Griesbaum.  
Stanley Bear Haddon.  
William Brooks Hodgins.  
Elliott Budd Hopkins.  
Henry Harrison Kuhn.  
Elmer McCormick.  
James William Mc-  
Laughlin.

Thomas Edward Maury.  
George Meyer, Jr.  
Peter Swan Nelson.  
John Minert Nickelsen.  
Hilding Cunard Reynolds  
Peterson.  
John Carn Phelps.  
Jules Henry Robert.  
Earl Page Shapland.  
Reuel Lhamon Smith.  
Robert Smith, Jr.  
John Miffin Thomas.  
Kenneth Dale Tilton.  
Charles R. Velzy.  
Charles Willis Warinner.  
Arthur Theodore Weydell.  
Frank Leon White.

Leo Richard Bell.  
John Smith Housman.  
Willis Leriche.

*In Mining Engineering.*  
James Edward William  
McDonald.

Herbert Stanley Levin  
Stafford.  
Leslie Wells Swett.

#### *In Municipal and Sanitary Engineering.*

Glenn Wallace Bass.  
Francis Henri Bulot.  
Dean Chase.

Walter Edward Holmes.  
John Edwin Louis.

Raymond Thomas Reilly.  
Frank Thomas Sheets.

*In Railway Civil Engineering.*

Carlos Castelazo Castillo. Walter Lloyd Fisher. William Sing-Chong Pung.

*In Railway Electrical Engineering.*

John Moffat Fetherston. Edward Max Krabbe. Benito Rene Ordonez,  
B.S., 1913.

*In Railway Mechanical Engineering.*

Henry Helm French. James Aiken Wilson.

## THE COLLEGE OF AGRICULTURE.

## THE DEGREE OF BACHELOR OF SCIENCE.

*In Agriculture.*

(With Thesis.)

Glenn Wilson Schroeder.

(Without Thesis.)

Bertram Abney.  
William Albert Albrecht,  
A.B., 1911.

Ruben C. Allen.  
Arthur Samuel Ambrose.  
Clarence Scott Anderson.  
Earl Kirkwood Augustus.  
Harry Truman Barber.  
Harry Lloyd Bauer.  
Vaughn Butler Baxter.  
George Wilson Beattie,  
A.B.

George Stanley Beaumont.  
Robert Lewis Bentley,  
A.B.

Floyd Harrison Bergland.  
Frederick Jackson Blackburn.

George Ingels Boone.  
James Samuel Brock.  
Clifford Allen Brown.  
Edward Sutherland  
Brown.

Howard Dexter Brown.  
Lyman Jesse Bunting.  
William Glenn Butler.

Chester Arthur Clark.  
Harry Ellsworth Codlin.  
Hugh Leon Cole.

Rex Warfield Cox.  
Glenn Erving Craft.  
Harold Burton Deets.

Raymond Starr Dunham.  
Ralph Lee Eymann.  
John Archibald Fletcher.

Ora French Foster.  
William Leonard Frank.  
Russell Card Frazee.

James B. Frazier, Jr.  
Ralph Waldo French.  
Robert Percy Gage.

Donald Tunncliffe Gamble.  
George Manners Grantham.

Arthur Ritchie Greene.  
Russell Pritchett Hall.

Thomas Dennison Hall,  
A.B.  
Orville Gerber Hankins.

Roy Hansen.  
Paul Hayhurst, A.B.,  
(University of Missouri,  
1904).

Fred Henderson.  
Arthur Parker Holt.  
Ferdinand Homann.

Edward Gardiner Howe,  
Jr.

Herbert Edward Howes.  
Cecil A. Hughes.  
Marvin Edward Jahr,

A.B., (University of  
Wisconsin, 1905).

Wilford Espin Johns.  
Frederick Newcomb Kenyon.

Otis Kercher.  
George Godwin Kirk.  
Bernie Lloyd Kleinschrodt.

Herbert Updike Landon.  
Joseph Conrad Lawless.  
Paul Elton Lower.

Roy Jacobs Lyons.  
DuBois Marquis.  
Kenneth Alexander McCaskill.

Isaac Marion McConnel.  
Howard Orr McCracken.  
Ellis Dean McFarland.

William Brashear Mattingly.

Joseph Porter Miles.  
Lester Ward Miner.  
Tsunyong New.

Arthur Henry Orcutt.  
Earle Henderson Parkins.  
Harry Robb Pollock.

Antonio Portuando y Miyares.  
Leroy Tallman Powers.

Hallie Burnside Randolph.

*In Teachers' Course.*

Ernest Lawrence.

*In Floriculture.*

August George Hecht.

*In Landscape Gardening.*

Leonidas Willing Ramsey.  
Herman Thornton Reeves.  
Otto George Schaffer.

*In Household Science.*

Florence Beeson King.  
Laura Louise Lewis.  
Marcella Elizabeth Adelaide Nagel.

Helen Montgomery Needler.  
Catharine Melvina Planck.

Leila Jean Pollard.

Alfred Raut.

Hugh Monroe Rice.

Charles Richardson.

Friedel Chapin Richey.

Oscar Roman.

Enos Marion Rowe.

Surya Kanta Roy.

John Garland Ruckel.

Jose Urbano Salazar.

Ogle Hesse Sears.

Edmund Clay Secor.

Warren Maxwell Sheldon.

Frank John Smejkal.

Charles Roger Smith.

Marquis Joseph Smith.

Logan Abraham Snyder.

Lawrence Vincent

Starkey.

Tom Candy Stone.

Harry Danford Strong.

Izzet Basili Suryieh.

Frank Taggart, Jr.

James Alfred Tate.

Melvin Thomas.

Douglas DeForrest Tibbits.

Edward Fritchoff Torgerson.

Frank Turner.

Rhodolphus Kibbe Turner.

Henry Peirce Vandercook.

Frank Eugene Van Doren.

Jesse Noble Walters.

Enos Waters.

Henry August deWerff.

Raymond Harvey Wilkins.

James Ellsworth Wooters,

A.M., 1913.

John Jonathan Yoke.

Arthur Edwin Young,

A.B., (Northwestern

University, 1906).

Eugene William Zeppenfeld.

Wallace Moorehead  
Wetty.

Chauncey Bliss Andrews.  
Chauncey Stevens Hill.  
Harrie Stevens Mueller.

Sarah Louise Aleshire.  
Clara Mabel Attebery.  
Fay Helen Bicknell.  
Alice Amelia Bumstead.  
Bessie Fern Christopher.  
Elizabeth Johanna

Clausen.  
Clara Gladys Cronk.  
Mabel Laurine Hansen.

## THE COLLEGE OF LAW.

## THE DEGREE OF BACHELOR OF LAW.

Herbert Franklin Bran-	Harold James Howe.	Stanley Landon Pogue.
non.	Joseph Alfred Huston.	Frank Dilling Shobe.
Holland Mullikin Cassidy.	Raymond Blaine Kessler.	Fred Minton Stambaugh.
George Cleveland Coffey.	Bonum Lee Kirk.	Roger Lewis Stephens.
Arthur Vernon Essington.	William Hamilton Lee.	Arthur Christ Strong.
Chancy Lawrence Fin-	Wallace Willis Mehl.	Claude Magnus Swanson.
frock.	Walter Wittchell Mercer.	Grover W. Watson.
Benjamin Sidney Fisher.	Carl Wesley Mulfinger.	John Wilson White.

## THE DEGREE OF DOCTOR OF LAW.

William Everett Britton,	Walter Charles Lindley,	Thomas Walter Samuels,
A.M., 1910.	A.B., 1901, LL.B., 1904.	A.B., 1909, A.M., 1912.

## THE SCHOOL OF MUSIC.

## THE DEGREE OF BACHELOR OF MUSIC.

(With Thesis.)

Pauline Adela Carrier.	Bertha Agnes Green.	Daphne Margaret Rex-
Leonard Wood Glover,	Helen Lucy Parker,	winkle.
A.B., 1912.	A.B., 1913.	

## THE LIBRARY SCHOOL.

## THE DEGREE OF BACHELOR OF LIBRARY SCIENCE.

(Without Thesis.)

Elizabeth Hamilton Davis, A.B., Illinois Woman's College, 1909.  
 Stella Belle Galpin, A.B., Knox college, 1911.  
 Louise Fenimore Schwartz, A.B., Knox College, 1907.  
 Rose Roberts Sears, A.B., Fairmount College, 1909.  
 Sabra Elizabeth Stevens, A.B., University of Illinois, 1906.

## MEMBERS OF CLASSES FROM 1872 TO 1891 WHO RECEIVED CERTIFICATES ON GRADUATION AND UPON WHOM IS NOW CONFERRED THE DEGREE OF B.L. OR B.S.

Albert Bellamy, B.S.	William Douglas Moore, B.S.
Cemina Nathaniel Boyd, B.S.	Louisa Merboth Morgan, B.L.
William Burror Braucher, B.S.	John Hale Morse, B.L.
Lilly O. Bronson, B.L.	Arthur Tappan North, B.S.
William Nichols Butler, B.L.	Foster North, B.S.
Robert Livingston Dunlap, B.S.	(Mrs.) Lucy A. Hall Parr, B.L.
(Mrs.) Augusta Batchelder Eaton, B.L.	Mary S. Larned Parsons, B.L.
Charles William Foster, B.S.	U. J. Lincoln Peoples, B.S.
Frederick Francis, B.S.	Elon Albert Pierce, B.S.
Judson Freeman Going, B.L.	(Mrs.) Jennie C. Mahan Plank, B.L.
Charles Wesley Groves, B.L.	Hamlin Whitmore Sawyer, B.L.
(Mrs.) Sophronia R. Cole Hall, B.L.	Joseph Schwartz, B.S.
(Mrs.) Nettie Elder Harris, B.L.	Hosea B. Sparks, B.L.
Cora Jane Hill, B.L.	Arthur Swannell, B.L.
Joseph Darwin Huey, B.S.	Charlotte Switzer, B.L.
Nellie Wainwright Jillson, B.L.	(Mrs.) Bessie Gay Plank Thompson,
Edward Spencer Johnson, B. S.	B.L.
William Pitt Johnson, B.S.	Luther Thompson, B.S.
Isabel Eliza Jones, B.L.	John George Wadsworth, B.L.
Edith Louise Kirkpatrick, B.L.	(Mrs.) Angelina Gayman Weston, B.L.
Edward Francis Ligare, B.S.	(Mrs.) Etta Loraine Beach Wright, B.L.
Mary Clutha McLellan, B.L.	John Edwards Wright, B.L.
Walter Isham Manny, B.L.	(Mrs.) Laura Mae Beach Wright, B.L.

## THE GRADUATE SCHOOL.

## THE DEGREE OF MASTER OF ARTS.

*In Botany.*

Ernest Michael Rudolph Lamkey, A.B., 1913.	Samuel Hawthorne Scherfee, A.B., Le-
Cyrus William Lantz, A.B., 1913.	land Stanford, Jr. University, 1909.
	Harry Dwight Waggoner, A.B., 1909.

*In Chemistry.*

Chester Harmon Allen, A.B., Lawrence College, 1912.	Bert Stover Davisson, A.B., Indiana University, 1911.
Robert Earl Baker, A.B., University of Oklahoma, 1912.	Duane Taylor Englis, A.B., Eureka College, 1912.
St. Elmo Brady, A.B., Fisk University, 1908.	Ray Washington Hess, A.B., Morning-side College, 1912.

*In Classics.*

Isabella Anderson, A.B., 1913.	Lois Maia Miles, A.B., 1910.
Alice Louise Austin, A.B., Monmouth College, 1910.	Jessie Fay Miller, A.B., 1913.
Aloa Alice Haskett, A.B., Illinois Wesleyan University, 1913.	Anna Sophie Rogers, A.B., 1911.
Martha Serena Larson, A.B., 1910.	Mary Eastman Woodin, B.S., Wellesley College, 1890.

*In Economics.*

- Nobtaro Inagaki.  
Burley Frank Lamb, A.B., Albion College, 1913.
- Edward Lawrence McKenna, A.B., Columbia University, 1913.

*In Education.*

- Omar Caswell, A.B., Indiana University, 1897.  
Miletus Lafayette Flannigan, B.S., Northwestern University, 1904.  
Edward Lotan Lawson, A.B., Ph.B., Union Christian College, 1901, 1902.
- Alice Elvira Morris, A.B., 1913.  
Edwin Rollin Spencer, A.B., 1911.  
John Frederick Wiley, Ph.B., DePauw University, 1902.

*In Geology.*

- Frank Leslie Fleener, A.B., Denison University, 1912.
- George William Heitkamp, A.B., University of Wisconsin, 1912.

*In History.*

- Oren Augustus Barr, B.Ed., Illinois State Normal University, 1913.  
Lillian Blayne, A.B., Monmouth College, 1913.  
Anna Leo Hull, A.B., 1910.  
Jessie June Kile, A.B., Rockford College, 1912.  
Matthew Lawrence, A.B., Shurtleff College, 1913.  
Frances Milton Morehouse, A.B., 1910.
- Amanda Barbara Renich, A.B., 1910.  
Katharine Louise Renich, A.B., 1911.  
E. Randall Sayre, A.B., A.M., McKendree College, 1909, 1910.  
Wayne Edson Stevens, A.B., Knox College, 1913.  
Ward William Sullivan, A.B., 1911.  
Margaret Katherine Theilen, A.B., 1913.  
Louis Arthur Tohill, A.B., 1912.

*In Mathematics.*

- Nellie Louise Ingels, Ph.B., Greenville College, 1911.  
Dora Myrtle Nebel.  
Claude Newton Stokes, A.B., McKendree College, 1913.
- Mabel Elizabeth Thorne, A.B., 1913.  
William Harold Wilson, A.B., Albion College, 1913.

*In Modern Languages.**(English.)*

- Lois Adeline Browne, A.B., James Millikin University, 1912.  
Prentice Hoover Defendall, A.B., DePauw University, 1906.  
Ida Belle Dewey, A.B., Rockford College, 1913.
- Winifred Almina Perry, A.B., 1908.  
Emerson Grant Sutcliffe, A.B., Harvard University, 1911.

*(German.)*

- Lois Miriam Coultas, A.B., Illinois Woman's College, 1913.  
Viola Emma Knoche, A.B., Northwestern College, 1913.  
Daniel Frederick Pasmore, A.B., Albion College, 1913.
- Otto Paul Schinnerer, A.B., 1913.  
Thelka Maria Siebens, A.B., James Millikin University, 1911.  
Edna Amelia Thoreen, A.B., Lombard College, 1911.

*(Romance Languages.)*

- Harry Payne Reeves, A.B., 1913.

*In Philosophy.*

- Helen Isabel Cusing, A.B., Lake Forest College, 1913.

*In Physics.*

- Paul Levern Bayley, A.B., University of Arkansas, 1913.  
James Perry Coyle, A.B., Lake Forest College, 1910.
- Walter Andrew Shewhart, A.B., 1913.  
Earle Horace Warner, A.B., University of Denver, 1912.

*In Political Science.*

- Allen Sage Wilber, A.B., University of Kansas, 1913.
- Albert Byard Wright, B.S., A.M., Illinois Wesleyan University, 1907, 1910.

*In Zoology.*

- Ernest Carroll Faust, A.B., Oberlin College, 1912.  
Mary Jane Gourley, A.B., 1909.  
Morris Johnson Kernall, A.B., University of North Dakota, 1906.
- Ralph Harlan Linkins, A.B., Illinois College, 1911.  
Horace Wesley Stunkard, B.S., Coe College, 1912.  
George Fred Sutherland, A.B., 1913.

## THE DEGREES OF MASTER OF SCIENCE.

*In Agronomy.*

- Demetrius Ion Andronescu, Roumanian College of Agriculture.
- Johannes Petrus duBuisson, A. B., 1913.  
Yungyen Young, B.S., 1913.

*In Animal Husbandry.*

- Clyde Whittaker Hudelson, B.S., 1913.  
Warren Lincoln, B.S.A., Washington State College, 1913.  
Charles Ivan Newlin, B.S., 1912.  
Samuel Hawkens Ray, B.S., Agricultural and Mechanical College of Texas, 1911.
- Earl Woodell Sheets, B.S., West Virginia University, 1912.  
Lionel Stevenson, B.S., University of Toronto, 1912.

*In Architecture.*

Alexander Rudolph Brandner, B.S., 1913.

*In Architectural Engineering.*

William Sidney Wolfe, B.S., 1913.

*In Botany.*

Reed Oshea Brigham, B.S., Ohio State University, 1912.

*In Chemistry.*

Theodore Rolly Ball, B.S., Drake University, 1908.

Laurence Vreeland Burton, B.S., 1911.

Edgar Wallace Engle, B.S., Drury College, 1912.

Laurence Fleming Foster, A.B., Albion College, 1910.

Charles K. Hewes, B.S., 1912.

Milford Everett Hinds, B.S., Northwestern University, 1912.

Floyd William Mohlman, B.S., 1912.

Gertrude Niederman, B.S., 1908.

Karr Parker, B.S., Carthage College, 1913.

Clarence Scholl, B.S., 1913.

Fred Wilbur Tanner, B.S., Wesleyan University, 1912.

Ernest Atkins Wildman, B.S., Earlham College, 1912.

*In Civil Engineering.*

George Paul Boomsliter, B.S., Michigan Agricultural College, 1906.

*In Dairy Husbandry.*

William Wodin Yapp, B.S., 1911.

*In Electrical Engineering.*

Rudolph McDermet, B.S., 1912.

Howard Mathews, B.S., 1913.

Herman Carl Wolf, B.S., 1913.

*In Entomology.*

Philip Garman, B.S., Kentucky State University, 1913. Newton Lyman Partridge, B.S., 1913.

*In Horticulture.*

John Joseph Gardner, B.S., Massachusetts Agricultural College, 1905, B.S., Boston University, 1912.

*In Mathematics.*

Clarence Mark Herbert, B.S., Otterbein University, 1911.

Archie Oliver Heck, B.S., Hedding College, 1913.

*In Physics.*

William Harry Bair, B.S., Ohio Northern University, 1908.

Steffan Fugta Tanabe, B.S., Knox College, 1911.

*In Theoretical and Applied Mechanics.*

Lewis Nebinger Fisher, B.S., 1912.

George Alfred Maney, C.E., University of Minnesota, 1911.

Howard Rice Thomas, C.E., University of Texas, 1912.

*In Zoology.*

Elizabeth Mae Gittins, S.B., Drake University, 1909.

## THE DEGREE OF MASTER OF ARCHITECTURE.

Charles Richard Clark, B.S., 1898.

William Alonso Etherton, B.S., 1904.

## THE DEGREE OF CIVIL ENGINEER.

Henry Jackson Burt, B.S., 1896.

Joseph Norman Jensen, B.S., 1906.

Albert James Schafmayer, B.S., 1907.

Fred Drinkwater Yeaton, B.S., 1907.

## THE DEGREE OF ELECTRICAL ENGINEER.

Joseph Ferdinand Chinlund, B.S., 1910.

Ira William Fisk, B.S., M.S., 1909, 1913.

## THE DEGREE OF DOCTOR OF PHILOSOPHY.

*In Agriculture.*

William Ernest Carroll, B.S., Utah Agricultural College, 1909, M.S., 1911.

*In Botany.*

Philip Augustus Lehenbauer, A.B., Westminster College, 1907, A.M., James Millikin University, 1909.

John Hamilton Whitten, A.B., A.M., 1911, 1912.

*In Chemistry.*

Harry Fielding Hadley, A.B., James Millikin University, 1911, A.M., 1912.

Edward Otto Heuse, B.S., Hanover College, 1900, M.S., 1907.

Harold Hossack McGregor, A.B., McMaster University, 1910, M.S., University of Louisville, 1912.

Earl Bowman Millard, A.B., University of Colorado, 1910, A.M., University of Wisconsin, 1911.

Hubert Leonard Olin, A.B., University of Iowa, 1908, M.S., 1911.

George Wallace Sears, B.S., Drury College, 1908, M.S., 1911.

*In Engineering.*

Stanley Prince Farwell, B.S., M.S., 1907, 1910.

Mikishi Abe, B.E., Tohoku Imperial University, 1905.

*In Entomology.*

Stanley Black Fracker, A.B., Buena Vista College, 1910, M.S., Iowa State College, 1912.

*In Mathematics.*

Edward August Theodore Kircher, A.B., Louis Clark Mathewson, A.B., A.M.,  
A.M., 1911, 1912. Albion College, 1910, 1911, A.M., 1912.

*In Modern Languages.**(German.)*

Felix Emil Held, A.B., A.M., Emporia Martin William Steinke, A.B., Wartburg  
College, 1902, 1908. College, 1908, A.M., University of  
Washington, 1910.

*(Scandinavian Languages and Literature.)*

Ingebrigt Lillehei, A.B., A.M., University of Minnesota, 1908, 1909.

*In Philosophy.*

Denton Loring Geyer, A.B., A.M., University of Wisconsin, 1910, 1911.

*In Physics.*

Glenn Alfred Shook, A.B., University of Orrin Harold Smith, A.B., Knox College,  
Wisconsin, 1907. 1908, A.M., 1909.

*In Zoology.*

William Walter Cort, A.B., Colorado John Earl Gutberlet, A.B., Bethany  
College, 1909, A.M., 1911. College, 1909, A.M., 1911.

**HONORS.**

The Secretary reported also for record that the following honors had  
been awarded by the University for excellence in scholarship:

**THE DEGREE OF A.B. WITH HONORS.****IN THE COLLEGE OF LIBERAL ARTS AND SCIENCES.**

Nuel Dinsmore Belnap, in History. Frederick Curtis Swanson, in History.  
Marshall Crittenden Merrills, in History. Mark Albert Van Doren, in English.  
Odessa Madge Myers, in Latin.

**SPECIAL HONORS.****IN THE COLLEGE OF LIBERAL ARTS AND SCIENCES.**

Howard Clinton Arnold, in Ceramics. Anton Prasil, in Chemistry.  
Edward Adelbert Doisy, in Chemistry. Paul Cobb Rich, in Chemistry.  
Hubert Morton English, in Chemistry.  
Frank Allen Kirkpatrick, in Ceramic  
Engineering.

**IN THE COLLEGE OF ENGINEERING.**

Armin Elmendorf. Frank Thomas Sheets. Henry Raymond Tear.  
Elijah Robert Hatowski. Hubert Vincenz Stephen-  
son. Clifford Harper Westcott.  
Raymond William Owens.

**FINAL HONORS.****IN THE COLLEGE OF LIBERAL ARTS AND SCIENCES.***(Courses of the Former College of Science.)*

Helen Bell Comstock. Frank Allen Kirkpatrick. Helen Marie Richards.  
Edward Adelbert Doisy. Lewis S. Linder. Emily Kingman Sunder-  
land.  
Carrie Belle Herdman. Ina Valeria Meredith. Mildred May Van Cleve.  
Charles Francis Hill. Anton Prasil.  
Esther Allen Kern.

**IN THE COLLEGE OF ENGINEERING.**

Arthur Hildeman. Wallace Bright Livesay. Frank Thomas Sheets.  
Aagaard. Elmer McCormick. William Davis Shipman.  
Joseph Mandel Brand- George Meyer, Jr. Hubert Vincenz Stephen-  
stetter. Raymond William Owens. son.  
Francis Henri Bulot. George Edward Quick. Henry Raymond Tear.  
Ralph Burke. Ernest Alexander Reid. Harold Earle Thompson.  
John Cutler. Frank Erwin Richart. Clifford Harper Westcott.  
Armin Elmendorf. David Morris Riff. Carl Stanley Wyant.  
Elijah Robert Hatowski.

**IN THE COLLEGE OF AGRICULTURE.**

Earl Kirkwood Augustus. Ora French Foster. Izzet Basili Suryich.  
George Stanley Beau- Wilfred Espin Johns. Henry Peirce Vandercook.  
mont. Roy Jacob Lyons. James Alfred Tate.  
Frederick Jackson Black- Catharine Melvinia  
burn. Planck.  
Ralph Lee Eyman. Glenn Wilson Schroeder.

**IN THE COLLEGE OF LAW.**

William Hamilton Lee. Stanley Landon Pogue.

**IN THE LIBRARY SCHOOL.**

Sabra Elizabeth Stevens.



## THE FRANCIS JOHN PLYM FELLOWSHIP IN ARCHITECTURE.

Charles Babcock McGrew, B.S., 1913.

## THE B'NAI B'RITH PRIZE.

Julius Cohen.

## COMMISSIONS IN THE ILLINOIS NATIONAL GUARD.

The Secretary reported also for record that the following officers in the University Corps of Cadets have received commissions in the Illinois National Guard:

Clifford Harper Westcott.  
Edwin C. Prouty.  
Herbert Edward Howes.  
Harold Paul Ousley.  
Paul Cobb Rich.  
Charles R. Velzy.  
Edwards Hall Berry.  
Frederick John Giehler.  
Earl Kirkwood Augustus.  
Floyd H. Bergland.  
E. L. Hasker.

Edward Adelbert Doisy.  
Harry C. Danz.  
Walter Joseph Blum.  
Walter John Bublitz.  
Charles Henry Thompson.  
Harry E. Codlin.  
Pierce Vandercook.  
Julius C. Palmer.  
Harris S. Mueller.  
Harry Gardner Wood.  
Warren Edward Bow.

Arthur H. Aagaard.  
George Meyer, Jr.  
Edmund R. Foster.  
Leslie W. Faulkner.  
C. Paul Fletcher.  
Harry C. Webster.  
David M. Riff.  
Arthur W. Baumgarten.  
William Davis Shipman.  
Ora French Foster.  
Philip Buck.

## THE UNIVERSITY GOLD MEDAL.

Edwin Shelby, Jr.

## THE HAZELTON GOLD MEDAL.

Lyle Henry Gift.

## DEGREES IN THE DEPARTMENTS IN CHICAGO.

The Secretary presented also for record the lists of students of the Colleges of Medicine and Dentistry and the School of Pharmacy upon whom degrees were conferred on the dates indicated:

## THE COLLEGE OF MEDICINE.

## THE DEGREE OF DOCTOR OF MEDICINE AND SURGERY.

(Conferred June 11, 1914, in Chicago.)

Frank Ashmore, B.S.  
John Paul Ashworth.  
Herman Joseph Adelman.  
Harry Toler Baxter.  
Arthur Clarence Boehmer.  
Harry Elbert Bowers.  
Max William Brachvogel.  
Deand Rockhold Brengle.  
Carl Kice Brown.  
Ralph Emerson Brown.  
Arthur Lynn Bryan.  
Frederick George Carls.  
William Ernest Carnahan.  
James Gilbert Carney.  
Lee Stanley Cassell.  
Harrison Gerald Champ-  
lin.  
Joshua Oscar Cohen.  
Frank LaMont Cole.  
Charles Calvin Conley.  
Thomas Edward Conley.  
Florence Virginia Coop-  
rider.  
George William Cusick.  
Arthur Lewis Davis.  
Martin Ralph DeHaan.  
William Elijah Moore  
Devers.  
Emery Holmes Du Four.  
Lawrence Dale Dusch.  
Roscoe Conklin Eaton.  
William Henry Evans.  
Ellis Benjamin Freilich.  
Nicholas Israel Fox.  
Roy Edward Fox.  
Mefa Elise Franke.  
Michael Archangel Gal-  
gano.  
Edward John Gotthelf,  
Jr.  
Roy Griffy.  
Stanley Knox Halbert.  
LeRoy Harold Harner.  
Reuben Joseph Harring-  
ton.

Urban Bunyon Harris.  
Ralph Chapel Hartman.  
George Nye Hiskey.  
Harvey Peter Hoffmann.  
Rose Sophia Houda.  
William Samuel Howard.  
Bartholomew Edward  
Hussey.  
Kano Ikeda.  
Anna Elizabeth Isham.  
Johnston Charles Jack-  
man.  
Carl Arthur Johnson.  
Kenneth Lawrence Johns-  
ton.  
Wilhelmina Jacoba Jon-  
gewaard.  
Richard Henry Juers,  
Ph.G.  
Victor Vincent Kellner.  
Henry William Klein-  
schmit.  
John Mark Lacey.  
Arthur John Langan.  
James Joseph Leach.  
Arlington Fay Jacob  
Lecklider.  
Louis Joseph Agapit  
Legris.  
Oscar Sidney Lenit.  
Harry Lewinsky.  
Fred Oscar Lien.  
Leland Stanford Light.  
Charles Elder Lindsay.  
William Louis Maccani.  
Howard Stewart Maupin.  
Anthony Arthur Meyer.  
William Drummond Mid-  
dleton.  
Wilmont Paul Miller.  
William Henry Miner.  
Max Minker.  
William Albert Mudge.  
Walter Edmund Mueller.  
Florence Edith McCann.

Justin Joseph McDonald.  
Emile George Nadeau.  
Gerhard Alfred Natvig.  
Frank John Novak, Jr.  
Clarence Ambrose Nyvall.  
William Albert O'Conner.  
Louis Thomas O'Brien.  
Harry Emerson Peters.  
Andrew Saeman Pfeiffer.  
Alexander Harold Phillips.  
Thaddeus Stanley  
Pierzynski.  
Albert Emerson Punche.  
Otto Bismark Rensch.  
Henry Richert.  
Francis Allen Richardson,  
A.B., S.B.  
William Joseph Riley.  
Douglas Ford Robbins,  
A.B.  
Russell Dean Robinson.  
Harry Arthur Salzman.  
Peter Arthur Schulberg.  
Leon Seidler.  
Walter Edward Sim-  
monds.  
Neal Samuel Simons.  
Feliciano C. Sombito.  
Julius Spiro.  
Walter Byrd Swack-  
hamer.  
Elmer Merrill Thomas.  
Rollin David Thompson.  
Paul Scoville Traxler.  
Vezio Oliver Ungherini.  
John Albert Van Kirk.  
W. Carlton Warrick.  
Harvey Edmund Webb.  
Carl George Wencke.  
Ferdinand Demander  
Whitbv. B.S.  
Milton Arthur Wiese.  
Claude Ernest Wiseman.  
Ernest Patrick Wood-  
ward.

## THE SCHOOL OF PHARMACY.

## THE DEGREE OF GRADUATE IN PHARMACY.

(Conferred April 22, 1914, in Chicago.)

Albert Franklin Anderson.	Harry E. Johnson.	Ladislaus Joseph.
Edna Becker.	Jonathan G. Jordan.	Warzynski.
August Christopher	Elmer Chester Lane.	Albert Joun Cook (Class
Bosch.	Paul Israel Mendelsohn.	of 1913).
J. Burdette Brown.	Richard William Mer-	William Alexander Lee
Floyde Wiley Bryant.	schat.	(Class of 1913).
George Ernest Canham.	Abraham Myerson.	Alva Walter Rackaway
Lawrence Converse.	Charles Clarence Orr.	(Class of 1913).
Walter Arthur Endee.	Irving Fitch Pearce.	Charles Edward Wach
Oscar Fisler.	Elmer Edward Rueckert.	(Class of 1913).
Jeremiah G. Garrity.	Harold Schmid.	Mary Leinbaugh Smith
Harry Edward Haines.	Ralph Harold Thompson.	(Class of 1909).
Philip Irving Hildebrandt.	Adrian Ton.	
Elwood Jay Hollinshead.	Clio Vavra.	

## THE DEGREE OF PHARMACEUTICAL CHEMIST.

(Conferred June 5, 1914, in Chicago.)

Paul Wright Edgett.	George Stulik.	Edgar Philip Heibreder
Genarro Dominic Lavieri.	George Frederick Vaupell.	(Class of 1913).
Albert Schreiner, Jr.		

## COLLEGE OF DENTISTRY.

## THE DEGREE OF DOCTOR OF DENTAL SURGERY.

(Conferred May 29, 1914, in Chicago.)

Nathan William Blum.	Charles Shy Kahn.	Corwin J. Simmons.
Clarence Herman Cass.	Jacob Hyman Kaplan.	Milan Demitr Stevens.
George William Cisar.	Edward Frank Koettters.	Herbert Flower Stevens.
William Edward Cover-	George Hezekiah Mitchell,	Michael Vincent Stevens.
ley.	R.Ph.	Herbert William Taylor.
Philip Israel Doktorsky.	George Charles Moldt.	Teiche Tomita.
Joseph Sabas Gorman.	John Joseph Plachota.	Leif Norman Tommerson.
Roy Andrew Heimer.	Charles Leslie Puffer.	Frank Joseph Twohey.
Leslie Denis Hinch.	Clarence John Sauer.	Ellery Vergil Umbenhaur.
Sidney Trenholme Hood.	William George Shay.	Edwin Cyrus Zajicek.
Albert Samuel Jack.	Edward William Schlies.	

## APPOINTMENTS MADE BY THE PRESIDENT OF THE UNIVERSITY.

The Secretary presented also for record the following list of appointments made by President James:

Bacon, Gertrude A., Scholar in Entomology, for the academic year beginning September 1, 1914, and ending June 30, 1915, with a stipendium of twenty-five dollars (\$25) a month. (July 8, 1914.)\*

Beck, Mary L., Scholar in English, for the academic year beginning September 1, 1914, and ending June 30, 1915, with a stipendium of twenty-five dollars (\$25) a month. (July 8, 1914.)

Fisher Fay L., Scholar in German, for the academic year beginning September 1, 1914, and ending June 30, 1915, with a stipendium of twenty-five dollars (\$25) a month. (July 8, 1914.)

Halley, Josephine, Temporary Assistant Clerk in the Infirmary of the College of Dentistry, beginning when she reports for duty and continuing until further notice, at a salary of forty dollars (\$40) a month. (June 22, 1914.)

Hursh, R. K., Assistant in Ceramics for the months of July and August, 1914, at a salary of one hundred dollars (\$100) a month. (June 29, 1914.)

Kaplan, J. H., Instructor in the Infirmary of the College of Dentistry, beginning when he reports for duty and continuing until September 30, 1914, at a salary of one hundred dollars (\$100) a month. (June 22, 1914.)

McGrew, Charles B., Plym Fellow in Architecture for the year 1914-15, with a stipend of one thousand dollars (\$1,000) for the year. (June 22, 1914.)

Morehead, Mary M., Temporary Assistant Clerk in the Infirmary of the College of Dentistry, beginning when she reports for duty and continuing until further notice, at a salary of forty dollars (\$40) a month. (July 1, 1914.)

Simpson, G. E., Temporary Catalog Typist in the Library for the months of July and August, 1914, at a salary of forty-five dollars (\$45) a month. July 3, 1914.)

Paine, Ellery B., Acting Head of the Department of Electrical Engineering, beginning September 1, 1914, and continuing until August 31, 1915, or until a permanent head of the department is appointed, his salary as Acting Head and Associate Professor of Electrical Engineering to remain at three thousand dollars (\$3,000) a year. (June 22, 1914.)

Provine, Loring H., Acting Head of the Department of Architecture, beginning September 1, 1914, and continuing until August 31, 1915, or until a permanent head of the department is appointed, his salary as Acting Head and Professor of Architectural Engineering to remain at three thousand five hundred dollars (\$3,500) a year. (June 22, 1914.)

\* The date in parenthesis is the date on which the appointment was made by the President of the University.

Rein, Lillian, Stenographer in the Department of Animal Husbandry, beginning July 1, 1914, and continuing until further notice, at a salary of fifty dollars (\$50) a month. (June 27, 1914.)

### COMPTROLLER'S REPORT.

The Secretary presented also for record the report of the Comptroller, Prof. George E. Frazer, for the quarter ending June 30, 1914:

July 7, 1914.

Hon. W. L. Abbott, President, Board of Trustees, University of Illinois.

DEAR SIR: I have the honor to hand you herewith a report showing the status of the accounts of the business office as at the close of the quarter ending June 30, 1914. Your attention is called to the fact that the various accounts shown give totals for the fiscal year ending June 30, 1914.

Under separate cover, as a part of this report, are presented lists of warrants drawn on the University Treasurer, and of vouchers certified to the State Auditor for payment.

Very truly yours,

GEORGE E. FRAZER, *Comptroller.*

### SCHEDULE 1.

#### SUMMARY OF RECEIPTS, STATE FUNDS, AND DISBURSEMENTS AS AT JUNE 30, 1914.

	Balance July 1, 1913.	Receipts Schedule 2	Total.	Disburse- ments Schedule 5.	Balance.	
					Items.	Totals.
University Treasurer—						
General.....	\$277,851 19	\$394,163 15	\$ 672,014 34	\$ 620,262 14	\$51,752 20	.....
United States Experi- ment Station.....	1,140 77	30,140 00	31,280 77	31,005 94	274 83	.....
Medical.....	*1,034 04	85,007 23	83,973 19	77,296 16	6,677 03	.....
Pharmacy.....	2,166 87	22,393 04	24,559 91	7,754 75	16,805 16	\$75,509 22
Petty cash—						
Bursar.....			5,000 00		5,000 00	.....
Secretary, College of Medicine.....			300 00		300 00	.....
Actuary, School of Pharmacy.....			250 00		250 00	.....
Vice Director, Agricul- tural Experiment Sta- tion.....			600 00		600 00	6,150 00
State Auditor—						
Operation, maintenance and equipment.....			1,600,000 00	1,600,000 00		.....
Buildings, land and equipment.....			650,000 00	650,000 00		.....
Water survey and in- vestigation.....			21,500 00	19,189 44	2,310 56	.....
Miners' and Mechanics' Institutes.....			15,000 00	9,526 42	5,473 58	7,784 14
Total.....		\$531,703 42	\$3,104,478 21	\$3,015,034 85		\$89,443 36

\* Overdraft.

### SCHEDULE 2.

#### CASH RECEIPTS, QUARTER ENDING JUNE 30, 1914.

	Receipts to Mar. 31, 1914.	Receipts for month of—			Total quarter ending June 30, 1914.	Total year ending June 30, 1914.
		April.	May.	June.		
GENERAL FUND.						
Agricultural College and Experiment Station—						
Administrative.....			\$ 10 00	\$ 2 00	\$ 12 00	\$ 12 00
Agronomy .....	\$ 508 77	\$106 67	99	3 71	111 37	620 14
Agronomy Experiment Station						
—crops .....	2,682 45	161 79	517 77	116 25	795 81	3,478 26
Agronomy Experiment Station						
—soils.....	6,060 10	105 91	395 55	82 87	584 33	6,644 43
Animal Husbandry.....	6,687 76		257 73	845 18	1,102 91	7,790 67

## SCHEDULE 2—Continued.

	Receipts to Mar. 31, 1914.	Receipts for month of—			Total quarter ending June 30, 1914.	Total year ending June 30, 1914.
		April.	May.	June.		
<b>Agricultural College and Experiment Station—Concluded.</b>						
Animal Husbandry Experiment Station.....	\$ 8,911 31	\$ 128 95	\$ 132 75	\$1,063 32	\$1,325 02	\$10,236 33
Dairy Creamery.....	30,426 13	2,894 62	2,270 72	3,232 09	8,397 43	38,823 56
Dairy Husbandry.....	8,433 23	2,687 01	1,553 45	1,880 25	6,120 71	14,553 94
Dairy Experiment Station.....	6,193 96	1,161 22	1,616 00	678 81	3,456 03	9,649 99
Floriculture Experiment Station.....	413 41	337 88	156 98	.....	494 86	908 27
Horticulture.....	576 52	.....	.....	.....	.....	576 52
Horticulture Experiment Station.....	308 77	43 82	.....	2 33	46 15	354 92
Horticulture Green House.....	2 00	.....	.....	.....	.....	2 00
Household Science.....	132 25	.....	9 50	9 65	19 15	151 40
Household Science—cafeteria..	8,429 34	1,163 78	1,586 62	1,700 99	4,451 39	12,880 24
Press service.....	361 08	38 60	36 00	79 35	153 95	515 03
	\$80,127 08	\$8,830 25	\$8,544 06	\$9,696 80	\$27,071 11	\$107,197 70
<b>Engineering College and Experiment Station—</b>						
Architecture.....	.....	.....	.....	\$ 2 00	\$ 2 00	\$ 2 00
Civil Engineering.....	\$ 95 65	\$ 21 00	\$ 50	6 00	27 50	123 15
Electrical Engineering.....	62 50	28 00	.....	15 25	43 25	105 75
Engineering Experiment Station.....	389 17	124 30	.....	70 21	194 51	583 68
Mechanical Engineering.....	252 77	11 08	.....	54 25	65 33	318 10
Mining Engineering.....	25	10 00	.....	.....	10 00	10 25
Physics.....	2 07	.....	.....	.....	.....	2 07
Railway Engineering.....	7 50	150 17	.....	.....	150 17	157 67
Railway Engineering Experiment Station.....	9 80	.....	.....	.....	.....	9 80
Theoretical and Applied Mechanics.....	544 20	363 10	81 91	8 50	453 51	997 71
	\$1,363 91	\$707 65	\$82 41	\$156 21	\$946 27	\$ 2,310 18
<b>College of Liberal Arts and Sciences—</b>						
Bacteriology.....	.....	.....	.....	\$ 50	\$ 50	\$ 50
Ceramics.....	\$11 80	\$ 4 90	\$14 40	2 65	21 95	33 75
Chemistry.....	69 75	30 66	.....	11 90	42 58	150 91
Entomology.....	.....	.....	61 09	8 97	70 06	70 06
Geology.....	1 50	.....	.....	.....	.....	1 50
History.....	11 84	.....	.....	.....	.....	11 84
Liberal Arts and Sciences—administration.....	3 08	.....	.....	.....	.....	3 08
Psychology.....	9 81	.....	.....	.....	.....	9 81
Romance Languages.....	.....	.....	.....	1 52	1 52	1 52
Zoology.....	1 11	.....	.....	2 20	2 20	3 31
	\$108 89	\$35 56	\$75 49	\$27 74	\$138 79	\$286 28
<b>Physical Plant—</b>						
Armory.....	\$ 236 94	.....	.....	.....	.....	\$ 236 94
Auditorium Acoustics.....	.....	.....	\$ 1 20	.....	\$ 1 20	1 20
Buildings.....	223 97	\$ 34 50	102 68	\$ 52 51	189 66	414 15
Campus lighting.....	13 53	.....	.....	10 00	10 00	23 53
Commerce building.....	.....	.....	17 50	.....	17 50	17 50
Grounds.....	.....	.....	4 00	.....	4 00	4 00
Heat and light.....	1,185 70	174 21	548 33	291 23	1,013 77	2,199 47
Rent—	.....	.....	.....	.....	.....	.....
Armory.....	110 00	.....	.....	30 00	30 00	140 00
Auditorium.....	15 00	15 00	.....	.....	15 00	30 00
Houses.....	1,093 25	169 36	141 00	107 00	417 36	1,510 61
Stock Pavilion.....	.....	5 00	.....	.....	5 00	5 00
Sale of houses.....	.....	.....	691 66	106 50	798 16	798 16
Supervising Architect's office..	145 52	240 24	9 10	659 67	909 01	1,054 53
Stock Pavilion.....	.....	.....	.....	1 50	1 50	1 50
Tunnel extension.....	33 81	.....	.....	6,382 00	6,382 00	6,415 81
Telephone extension.....	.....	.....	.....	8 56	8 56	8 56
Woman's Building.....	17 89	.....	.....	.....	.....	17 89
	\$3,075 61	\$638 31	\$1,515 47	\$7,648 97	\$9,802 72	\$12,878 85

## SCHEDULE 2—Continued.

	Receipts to Mar. 31, 1914.	Receipts for month of—			Total quarter ending June 30, 1914.	Total year ending June 30, 1914.
		April.	May.	June.		
Student fees—						
General and laboratory.....	\$131,891 93	\$843 00	\$901 00	\$11,436 40	\$13,080 40	\$144,972 33
Lockers.....	3,711 00	29 50	4 00	180 00	213 50	3,924 50
	\$135,602 93	\$872 50	\$905 00	\$11,616 40	\$13,293 90	\$148,896 83
Trust funds—						
B'nai B'rith.....	\$ 115 00					\$ 115 00
Hospital Association.....	377 00					377 00
McDowell Memorial Fund.....	4 57					4 57
McKinley Fund—interest.....	370 00	\$ 23 89	\$ 56 05	\$ 19 90	\$ 99 84	469 84
McKinley Fund—principal.....	847 50	235 70	175 00	105 00	515 70	1,363 20
Northwestern Terra Cotta Com- pany Prize Fund.....				50 00	50 00	50 00
Plym Fellowship.....		1,000 00			1,000 00	1,000 00
Snyder Fund—interest.....	475 12		21 25	44 80	66 05	541 17
Snyder Fund—principal.....	2,407 09	25 00	150 00	554 50	729 50	3,136 59
Towel fund.....	731 75					731 75
Wilson Lectureship Fund.....	100 00					100 00
Woman's League Fund.....	88 95					88 95
	\$5,516 98	\$1,284 59	\$402 30	\$774 20	\$2,461 09	\$7,978 07
Miscellaneous—						
Accountancy.....	\$ 106 25	\$357 38	\$ 559 00	\$ 5 41	\$ 921 79	\$ 1,028 04
<i>Alumni Record</i> .....	612 79		32 00		32 00	644 79
Blue printing.....	670 84	68 65	232 77	157 92	459 34	1,130 18
Business office.....	298 26					298 26
Dean of Men.....	45 44					45 44
Emergency Hospital.....	56 00	331 18	227 25	107 75	729 18	785 18
Freshmen Advisors.....		25 00			25 00	25 00
Graduate School—Illinois sur- vey.....				333 86	333 86	333 86
Graduate School—Thesis de- posits.....				225 00	225 00	225 00
Interest on land contracts.....	44 10					44 10
Interest on endowment fund.....	32,419 14					32,419 14
Library.....	195 72	43 40	1 20	107 11	151 71	347 43
Library additions.....		1 52			1 52	1 52
Illinois Cannery Association Fund.....	166 66					166 66
Military Department.....				14 90	14 90	14 90
Morrill Fund.....	25,000 00					25,000 00
Music.....	67 90			87	87	68 77
Nelson Fund.....	25,000 00					25,000 00
Office supply stores.....	169 10	54 07		9 15	63 22	193 72
Orchestra concerts.....	3,846 50		138 50		138 50	3,985 00
<i>Philology, Journal of</i> .....	721 97	88 60		219 49	308 09	1,030 06
Postage stores.....	130 48					130 48
President's office.....	75					75
Printing and postage.....		2 91			2 91	2 91
Printograph.....	5 83	23 41	6 87	22 52	52 80	58 63
Registrar's office.....	8 25					8 25
Salary refunds.....	79 03					79 03
State Treasurer.....	20,000 00					20,000 00
Student Associations.....	8 00	50	50	50	1 50	9 50
<i>University Studies</i> .....	25 73	9 49		5 11	14 60	40 38
Water survey.....	237 20	33 29	1,227 35		1,260 64	1,497 54
<i>Weekly Calendar</i> .....	50					50
	\$109,916 44	\$1,039 40	\$2,425 44	\$1,272 59	\$4,737 43	\$114,615 27
	\$335,711 84	\$13,408 26	\$13,850 17	\$31,192 88	\$58,451 31	\$394,163 15
UNITED STATES EXPERIMENT STATION FUND.						
Adams Fund.....	\$11,250 00	\$3,750 00				\$15,000 00
Adams Fund receipts.....	140 00					140 00
Hatch Fund.....	11,250 00	3,750 00				15,000 00
	\$22,640 00	\$7,500 00				\$30,140 00

## SCHEDULE 2—Concluded.

	Receipts to Mar. 31, 1914.	Receipts for month of—			Total quarter ending June 30, 1914.	Total year ending June 30, 1914.
		April.	May.	June.		
MEDICAL FUND.						
Dentistry—						
Fees.....	\$10,449 62	\$705 00	\$1,930 00	\$ 80 38	\$2,715 38	\$13,165 00
Infirmary.....	214 15					214 15
Infirmary Clinic.....	1,974 30	833 20	999 85	379 50	2,212 55	4,186 85
Interest.....	38 50					38 50
Rebates.....	7 00		50 00		50 00	57 00
Rental of engines.....		72 50			72 50	72 50
	\$12,683 57	\$1,610 70	\$2,979 85	\$459 88	\$5,050 43	\$17,734 00
Medicine—						
Advertising.....	\$ 235 17					\$ 235 17
Administration.....		\$ 18 00			\$ 18 00	18 00
Dispensary.....	496 10	53 65	\$ 61 05	\$ 54 50	169 20	665 30
Embalming.....	10 00					10 00
Fees—general and laboratory..	61,330 10	814 00	1,339 45	1,466 71	3,620 16	64,950 26
Fees—lockers.....	278 50			3 75	3 75	282 25
Interest on bonds.....	324 00					324 00
Rebates.....	471 49	18 00	35 00	15 00	68 00	539 49
Scholarship Fund.....	204 00					204 00
West Side Hospital.....	9 76					9 76
X-Ray Department.....				35 00	35 00	35 00
	\$63,359 12	\$903 65	\$1,435 50	\$1,574 96	\$3,914 11	\$67,273 23
	\$76,042 69	\$2,514 35	\$4,415 35	\$2,034 84	\$8,964 54	\$85,007 23
SCHOOL OF PHARMACY FUND.						
Fees.....	\$21,466 39	\$644 89	\$77 59	\$97 67	\$820 15	\$22,286 54
General.....	100 00					100 00
Incidentals.....				6 50	6 50	6 50
	\$21,566 39	\$644 89	\$77 59	\$104 17	\$826 65	\$22,393 04
SUMMARY.						
General.....	\$335,711 84	\$13,408 26	\$13,850 17	\$31,192 91	\$58,451 31	\$394,163 18
United States Agricultural Ex- periment Station.....	22,640 00	7,500 00			7,500 00	30,140 00
College of Medicine.....	76,042 69	2,514 35	4,415 35	2,034 84	8,964 54	85,007 23
School of Pharmacy.....	21,566 39	644 89	77 59	104 17	826 65	22,393 04
Total.....	\$455,960 92	\$24,067 50	\$18,343 11	\$33,331 92	\$75,742 50	\$531,703 45

## SCHEDULE 3.

STATEMENT OF APPROPRIATIONS BROUGHT FORWARD FROM 1912-1913 AS AT JUNE 30, 1914.

	Balance July 1, 1913.	Disburse- ments July 1, to June 30.	Cash balance.	Encum- brances.	Free balance.
Closed out as per report of Jan. 31.....	\$172,622 45	\$172,622 45			
Clinic Building.....	5,000 00	74 28	\$ 4,925 72		\$4,925 72
Cold storage.....	9,000 00		9,000 00		9,000 00
Commerce Building.....	10,024 75	8,424 71	1,600 04	\$ 928 70	671 34
Law Building.....	3,588 24	3,572 00	16 24		16 24
Soil maps.....	29,743 42	11,043 60	18,699 82	10,005 47	8,694 35
Total.....	\$229,978 86	\$195,737 04	\$34,241 82	\$10,934 17	\$23,307 65

## SCHEDULE 4.

## SUMMARY OF APPROPRIATIONS FOR 1913-1914, AS AT JUNE 30, 1914.

	Appropriations and credits.	Cash disbursements.	Transfer charges.	Cash balance.	Encumbrances.				Free balance.
					Open market orders.	Library orders.	Repair orders.	Contracts and salaries.	
Land and buildings.....	\$619,362 12	\$472,974 70	\$ 640 35	\$145,747 07	\$3,491 93	.....	.....	\$66,955 42	\$75,299 72
Physical plant.....	348,203 21	290,547 16	1,191 75	56,464 30	8,474 67	.....	.....	47,180 72	808 91
Salaries, administration and general expense.....	319,125 99	272,956 97	8,997 30	37,171 72	1,507 97	\$14,674 52	\$ 27 00	.....	20,962 23
College of Liberal Arts and Sciences.....	449,724 08	431,892 83	7,044 44	10,786 81	1,915 79	.....	164 20	.....	8,706 82
Agricultural College and Experiment Station.....	718,666 68	619,747 45	18,886 66	80,032 57	9,696 72	.....	475 50	2,049 03	67,811 32
Engineering College and Experiment Station.....	308,933 08	291,706 24	7,776 01	9,450 83	4,149 95	.....	241 65	.....	5,059 23
Graduate School.....	50,973 32	44,308 07	357 34	6,307 91	1,155 22	.....	.....	.....	5,152 69
Colleges of Medicine and Dentistry.....	200,212 56	205,178 15	1,931 04	*6,896 63	587 65	.....	.....	.....	*7,484 28
Other schools and departments.....	226,140 24	189,986 04	1,432 23	34,721 92	264 02	3,140 95	2 50	22,725 00	8,589 45
Total.....	\$3,241,341 28	\$2,819,297 81	\$48,257 17	\$373,786 30	\$31,243 92	\$17,815 47	\$810 85	\$138,910 17	\$184,906 09

\* Overdraft.

## SCHEDULE 41.

## STATEMENT OF APPROPRIATIONS FOR LAND AND BUILDINGS AS AT JUNE 30, 1914.

	Appropriations and credits.	Cash disbursements.	Transfer charges.	Cash balance.	Encumbrances.		Free balance.
					Open market orders.	Contracts.	
Land and land improvement—							
Land.....	\$374,373 76	\$361,436 04	.....	\$12,937 72	.....	.....	\$12,937 72
Cash transfer.....	20,000 00	20,000 00	.....	.....	.....	.....	.....
Campus lighting.....	6,023 53	4,693 40	\$ 4 10	1,326 03	\$ 270 34	\$ 1,760 25	*704 56
Pavements and walks.....	3,000 00	3,630 00	9 54	*639 54	.....	.....	*639 54
Locomotive Laboratory Reservoir.....	4,500 00	3,293 76	49 15	1,157 09	.....	.....	1,157 09
Buildings—							
Armory.....	118,646 94	56,291 17	141 29	62,214 48	1,161 20	42,882 78	18,170 50
Chemical Laboratory addition.....	40,000 00	731 65	49 41	39,218 94	.....	.....	39,218 94

Gymnasium improvements.....	11,800 00	11,803 11	9 90	*13 01	.....	.....	*13 01
Insectary.....	5,000 00	.....	1 25	4,998 75	.....	.....	4,998 75
Library stacks addition.....	10,000 00	2,052 08	372 96	7,574 96	263 71	20,872 39	*13,561 14
Observatory.....	2,000 00	27 10	90	1,972 00	214 00	1,440 00	318 00
Storehouse (University).....	2,000 00	.....	.....	2,000 00	.....	.....	2,000 00
Woman's Building equipment.....	9,017 89	9,016 39	1 50	.....	.....	.....	.....
Auditorium improvements.....	9,500 00	.....	35	9,499 65	1,548 68	.....	7,950 97
Lincoln Hall improvements.....	1,000 00	.....	.....	1,000 00	34 00	.....	966 00
Old Armory improvements.....	2,500 00	.....	.....	2,500 00	.....	.....	2,500 00
Total.....	\$619,362 12	\$472,974 70	\$640 35	\$145,747 07	\$3,491 93	\$66,955 42	\$75,299 72

\* Overdraft.

## SCHEDULE 42.

## STATEMENT OF APPROPRIATIONS FOR PHYSICAL PLANT AS AT JUNE 30, 1914.

	Appropriations and credits.	Cash disbursements.	Transfer charges.	Cash balance.	Encumbrances.		Free balance.
					Open market orders.	Repair contracts.	
General equipment—							
Furniture and fixtures.....	\$ 4,000 00	\$ 3,058 61	\$ 33 59	\$ 907 80	\$ 45 50	.....	\$ 862 30
Lincoln Hall bookcases.....	5,050 00	5,015 80	15	34 05	.....	.....	34 05
Pipe organ.....	15,750 00	242 05	.....	15,507 95	.....	\$15,500 00	7 95
Temperature control.....	1,300 00	1,294 85	.....	5 15	.....	.....	5 15
Physical plant extension—							
Electrical conduit extension.....	2,500 00	2,500 00	.....	.....	.....	.....	.....
Fire protection equipment.....	2,100 00	326 19	.....	1,773 81	.....	.....	1,773 81
Heating and lighting plant.....	32,600 00	5,822 47	11 87	26,765 66	5,905 65	22,185 44	*1,325 43
Telephone extension.....	2,700 00	1,966 87	.....	733 13	.....	.....	733 13
Tunnel extension.....	58,415 81	52,122 41	7 09	6,286 31	.....	6,382 00	*95 69
Water station equipment.....	2,400 00	2,400 00	.....	.....	.....	.....	.....



## SCHEDULE 42—Concluded.

	Appropriations and credits.	Cash disbursements.	Transfer charges.	Cash balance.	Encumbrances.		Free balance.
					Open market orders.	Repair contracts.	
Operation and maintenance—							
Salaries .....	\$221,387 40	\$23,980 07		\$4,450 44			*\$1,186 36
Supervising Architect's office .....		1,793 00	\$484 91		\$ 194 80		
Superintendent of Buildings office .....		3,521 51	58 14		10 00		
Heating and lighting .....		79,813 47	83 31		95 85	\$2,733 53	
Buildings operation .....		57,465 77	64 89		351 26		
Building maintenance .....		27,025 84	340 36		353 45	379 75	
Building changes .....		3,230 86					
Grounds .....		10,560 31	99 78		27 10		
Fire protection .....		3,279 36			268 00		
Water station .....		681 13	7 66		1,223 06		
Telephone exchange .....		2,711 30					
Switch track .....		772 93					
Campus extension .....		962 36					
Total .....	\$348,203 21	\$290,547 16	\$1,191 75	\$56,464 30	\$8,474 67	\$47,180 72	\$808 91

\* Overdraft.

## SCHEDULE 43.

## STATEMENT OF APPROPRIATIONS FOR ADMINISTRATION AND GENERAL EXPENSE AS AT JUNE 30, 1914.

	Appropriations and credits.	Cash disbursements.	Transfer charges.	Cash balance.	Encumbrances.			Free balance.
					Open market orders.	Library orders.	Repair orders.	
General Salaries .....	\$122,848 31	\$122,848 31						
Administration—								
Board of Trustees .....	5,000 00	4,943 58	\$ 45 00	\$ 11 42				\$ 11 42
Quarterly audits .....	1,517 30	1,517 30						
President's office .....	4,151 08	2,379 70	1,771 38					
Vice President .....	302 92	302 92						
Business office .....	6,266 24	4,837 37	1,426 70	2 17	\$ 46 00		\$ 5 00	*48 83
Registrar's office .....	6,136 76	5,004 92	1,131 84		194 69			*194 69
Council of Administration .....	616 91	598 79	18 12					

University Senate.....	25 00	7 49	2 90	14 61				14 61
Legal Counsel.....	200 00	176 78	5 00	18 24				18 24
Treasurer's office.....	600 00	600 00						
Retiring allowance.....	500 00	500 00						
General departments and expenses—								
Library.....	18,877 75	10,527 11	738 17	7,612 47	467 00		12 00	7,133 47
Library additions.....	75,004 52	66,609 09	465 61	7,920 82		\$14,674 52		*6,744 70
Dean of Men.....	4,850 00	3,999 27	556 93	293 80	60 00			233 80
Dean of Women.....	500 00	326 04	51 38	122 58	4 00			118 58
Physical Training—men.....	1,500 00	1,333 58	95 02	71 40	5 00			66 40
Gymnasium lockers—towel system.....	1,000 00	946 28		53 72				53 72
Physical Training—women.....	600 00	420 61	81 37	98 02			10 00	88 02
High School Visitor.....	1,900 00	1,480 19	291 23	128 58	18 50			110 08
High School Conference.....	1,500 00	1,493 87	1 11	5 02				5 02
High School Oratorical Contest.....	400 00	325 12	36 39	38 49				38 49
Military.....	2,326 73	1,908 61	418 12		3 25			*3 25
Military and Band Scholarships.....	2,604 00	2,604 00						
Lectures.....	5,000 00	991 42		4,008 58				4,008 58
Orchestra concerts.....	5,000 00	4,985 10	14 90					
University convocations.....	1,000 00	441 98	5 66	552 36				214 11
Printing and publications.....	12,100 00	8,437 52	302 50	3,359 98	338 25			3,359 98
<i>Directory of Matriculants</i> .....	2,500 00	1,443 06	900 80	156 14	108 67			47 47
<i>Alumni Quarterly</i> .....	1,000 00	1,000 00						
<i>News Bulletin</i> .....	1,000 00	892 99	40 02	66 99				66 99
Blue printing and photography.....	5,570 87	5,039 57	115 17	416 13	126 11			290 02
Receptions and social functions.....	285 95	274 95	11 00					
Auditorium Acoustics.....	501 20	282 15	174 44	44 61	14 00			30 61
Boat repairs.....	1,000 00	758 00		242 00				242 00
Saltpetre investigation.....	4,000 00			4,000 00				4,000 00
<i>Student's Handbook</i> .....	250 00	250 00						
Rebates to students.....	8,047 57	8,047 57						
Emergency Hospital.....	4,554 50	4,102 00	233 54	218 96	81 00			137 96
Gregory Memorial.....	262 70	199 70	63 00		41 50			*41 50
Employment bureau.....	125 00	120 05		4 95				4 95
Incidentals and emergencies.....	7,700 68			7,700 68				7,700 68
Total.....	\$319,125 99	\$272,956 97	\$8,997 30	\$37,171 72	\$1,507 97	\$14,674 52	\$27 00	\$20,962 23

\* Overdraft.

## SCHEDULE 44.

## STATEMENT OF APPROPRIATIONS FOR THE COLLEGE OF LIBERAL ARTS AND SCIENCES AS AT JUNE 30, 1914.

	Appropriations and credits.	Cash disbursements.	Transfer charges.	Cash balance.	Encumbrances.		Free balance.
					Open market orders.	Repair orders.	
Salaries .....	\$361,168 13	\$361,168 13					
Administration .....	1,503 08	1,380 47	\$ 132 47	\$ *9 86			\$ *9 86
Scientific Artist.....	59 09	57 38	1 71				
Freshman Advisers.....	1,825 00	1,518 00		307 00			307 00
Art and Design.....	905 00	769 26	134 54	1 20			1 20
Astronomy.....	1,500 00	475 91	111 13	912 96	\$ 36 80	\$ 4 00	872 16
Bacteriology.....	2,100 32	1,709 57	73 09	317 66	159 30		158 36
Illinois Canners' Association.....	1,960 40	923 78		1,036 62			1,036 62
Botany.....	5,700 00	3,255 89	651 36	1,792 75	75 35	10 00	1,707 40
Ceramics.....	8,351 27	7,742 96	593 92	14 39	40 00	50 00	*75 61
Chemistry.....	29,060 97	24,908 09	2,775 08	1,377 80	597 99	93 20	686 61
Classics.....	300 00	174 49	121 58	3 93	5 00		*1 07
Education.....	2,650 00	1,884 79	738 78	26 43	18 00		8 43
English.....	2,019 70	1,449 99	287 11	282 60	77 20		205 40
Entomology.....	1,500 00	1,421 59	27 17	51 24	60 35		*9 11
Geology.....	1,913 89	1,655 40	69 84	188 65	129 60		59 05
German.....	400 00	210 88	63 11	126 01	10 00	4 00	112 01
History.....	300 00	209 36	93 74	*3 10			*3 10
Mathematics.....	700 00	600 77	92 53	6 70	40 50		*33 80
Philosophy.....	1,570 71	1,499 44	71 27		20 50		*20 50
Physiology.....	200 00	64 08	12 88	123 04			123 04
Political Science.....	200 00	53 59	25 97	120 44			120 44
Psychology.....	1,510 00	947 10	175 52	387 38	270 05		117 33
Romance Languages.....	151 52	117 98	36 58	*3 04			*3 04
Sociology.....	300 00	255 51	28 74	15 75	4 00		11 75
Zoology.....	6,875 00	6,283 07	590 92	1 01	29 90	3 00	*31 89
Museums—							
Classical.....	5,000 00	4,842 27	20 50	137 23	311 25		*174 02
European Culture Museum.....	5,000 00	4,852 22	63 57	84 21			84 21
Natural History.....	2,500 00	1,460 86	51 33	987 81	30 00		957 81
Unassigned.....	2,500 00			2,500 00			2,500 00
Total.....	\$449,724 08	\$431,892 83	\$7,044 44	\$10,786 81	\$1,915 79	\$164 20	\$8,706 82

\* Overdrafts.

## SCHEDULE 45.

STATEMENT OF APPROPRIATIONS FOR AGRICULTURAL COLLEGE AND EXPERIMENT STATION AS AT JUNE 30, 1914.

	Appropriations and credits.	Cash disbursements.	Transfer charges.	Cash balance.	Encumbrances.			Free balance.
					Open market orders.	Repair orders.	Contracts.	
Agricultural Buildings—								
Dairy Farm House.....	\$ 95,753 50	\$ 39 90	\$ 1 40	\$16,409 66				\$15,415 63
Feeding plant.....		1,086 89	246 50					
Horticultural Glasshouse and Service Buildings .....		37,432 12	64 07					
Nutrition Laboratory.....		6,033 73	333 47					
Stock pavilion.....		32,668 78	392 91				\$ 994 03	
Building changes.....		1,054 59						
Agricultural College—								
Administration.....	14,666 99	12,603 05	1,206 04	857 90	\$ 18 00	\$ 6 00		833 90
Agricultural extension.....	19,884 85	18,629 61	791 02	464 22	100 00			364 22
Agronomy.....	52,285 51	49,030 79	1,882 25	1,372 47	414 55	48 00		909 92
Animal Husbandry.....	69,844 95	61,797 27	1,571 83	6,475 85	2,183 94	264 00		4,027 91
Animal Husbandry specimens.....	6,500 00	4,033 51		2,466 69				2,466 69
Dairy.....	46,038 11	41,686 93	2,904 98	1,446 20	80 25	42 00		1,323 95
Dairy cattle.....	2,250 00	1,713 00		537 00				537 00
Dairy creamery.....	39,216 25	29,500 84	2,750 83	6,964 58	1,980 88			4,983 70
Horticulture.....	58,351 05	56,201 83	2,142 98	6 24	789 94	1 50	1,055 00	*1,840 20
Household Science.....	27,696 42	21,382 49	1,269 35	5,044 58	453 97			4,590 61
Household Science—cafeteria.....	12,908 33	9,812 34	970 37	2,125 62	928 85			1,196 77
Veterinary Science.....	2,800 00	2,579 19	11 19	209 62				209 62
Agricultural Experiment Station—								
Animal Husbandry.....	46,138 24	38,209 85	1,506 48	6,422 41	157 66	114 00		6,150 75
Agronomy Experiment Station—crops.....	23,718 40	18,670 16	59 18	4,989 06	333 60			4,655 46
Agronomy Experiment Station—soils.....	102,403 51	78,451 29	73 28	23,878 94	1,365 80			22,513 14
Dairy.....	34,628 86	33,925 39	676 39	27 08	572 73			*545 65
Floriculture.....	8,908 27	8,826 21	22 72	59 34	6 00			53 34
Horticulture.....	23,392 67	23,372 97	19 42	28	310 55			*310 27
United States Agricultural Experiment Station—								
Hatch—								
Administration.....	4,500 00	4,500 00						
Agronomy.....	2,500 00	2,500 00						
Dairy.....	6,450 00	6,450 00						
Nitrogen fixation research.....	1,550 00	1,550 00						
Adams—								
Administration.....	1,930 00	1,930 00						
Animal Husbandry.....	8,570 00	8,570 00						

## SCHEDULE 45—Concluded.

	Appropriations and credits.	Cash disbursements.	Transfer charges.	Cash balance.	Encumbrances.			Free balance.
					Open market orders.	Repair orders.	Contracts.	
United States Agricultural Experiment Station—Concluded.								
Horticulture.....	\$4,500 00	\$4,500 00	.....	.....	.....	.....	.....	.....
Adams Fund receipts—								
Animal Husbandry.....	1,280 77	1,005 94	.....	\$274 83	.....	.....	.....	\$274 83
Total.....	\$718,666 68	\$619,747 45	\$18,886 66	\$80,032 57	\$9,696 72	\$475 50	\$2,049 03	\$67,811 32

\* Overdrafts.

## SCHEDULE 46.

STATEMENT OF APPROPRIATIONS OF ENGINEERING COLLEGE AND EXPERIMENT STATION AS AT JUNE 30, 1914.

	Appropriations and credits.	Cash disbursements.	Transfer charges.	Cash balance.	Encumbrances.		Free balance.
					Open market orders.	Repair orders.	
Salaries.....	\$212,994 63	\$212,994 63	.....	.....	.....	.....	.....
Engineering College—							
Administration.....	4,467 39	4,005 62	\$ 461 77	.....	\$ 208 08	.....	\$ *208 08
Architecture.....	3,352 18	2,026 53	973 93	\$ 351 72	340 90	\$ 33 00	*22 18
Civil Engineering.....	1,120 55	828 22	291 35	98	.....	.....	98
Electrical Engineering.....	5,318 05	4,846 27	341 22	130 56	264 02	60 00	*193 46
General Engineering Drawing.....	1,003 48	918 00	83 08	2 49	.....	15 00	*12 60
Mechanical Engineering.....	13,359 42	11,966 44	1,388 58	4 40	83 71	110 00	*189 31
Mining Engineering.....	6,000 25	5,000 61	496 66	502 98	496 25	.....	6 73
Physics.....	6,349 27	4,527 34	391 05	1,430 88	1,615 49	.....	*184 61
Railway Engineering.....	6,966 80	3,732 30	234 30	20	.....	.....	20
Theoretical and Applied Mechanics.....	6,519 63	5,973 16	546 47	.....	.....	120 65	*20 65
Engineering Experiment Station—							
Administration.....	11,549 94	10,984 00	185 94	380 00	350 00	.....	30 00
Chemical Engineering.....	800 00	759 13	5 75	35 12	.....	.....	35 12
Civil Engineering.....	500 00	435 60	64 64	*24	.....	.....	*24
Electrical Engineering.....	1,069 09	1,004 88	64 21	.....	.....	.....	.....
Mechanical Engineering.....	497 99	466 40	31 59	.....	.....	.....	.....

Physics.....	602 12	577 86	4 15	20 11	.....	.....	20 11
Railway Engineering.....	3,538 12	3,425 71	112 41	.....	.....	.....	.....
Theoretical and Applied Mechanics.....	2,424 17	2,282 17	178 00	*36 00	3 00	.....	*39 00
Cooperative mines investigation.....	5,000 00	4,388 72	303 85	307 43	400 25	.....	*92 82
Miners' and Mechanics Institutes.....	15,000 00	8,857 05	17 94	6,125 01	388 25	3 00	5,733 76
Shop improvements.....	3,500 00	1,705 60	1,599 12	195 28	.....	.....	195 28
Total.....	\$308,933 08	\$291,706 24	\$7,776 01	\$9,450 83	\$4,149 95	\$241 65	\$5,059 23

\* Overdraft.    † Library Orders.

## SCHEDULE 47.

## STATEMENT OF THE ACCOUNTS OF THE GRADUATE SCHOOL AS AT JUNE 30, 1914.

	Assignment.	Cash dis- bursements.	Transfer charges.	Cash balance.	Open market orders.	Free balance.
Salaries.....	\$ 7,499 96	\$ 7,499 96	.....	.....	.....	.....
Fellowships and scholarships.....	20,790 00	20,790 00	.....	.....	.....	.....
Research—						
Unassigned.....	2,500 00	6 00	.....	\$2,494 00	.....	\$2,494 00
Bagley.....	35 00	35 00	.....	.....	.....	.....
Bayley.....	180 00	167 90	.....	12 10	.....	12 10
Carnahan.....	50 00	50 00	.....	.....	.....	.....
Forbes.....	225 00	207 75	.....	17 25	\$10 50	6 75
Johnston.....	40 00	39 21	.....	79	.....	79
Kingsley.....	100 00	43 35	.....	56 65	.....	56 65
Oldfather.....	100 00	57 79	.....	42 21	16 50	25 71
Savage.....	70 00	64 88	.....	5 12	.....	5 12
Rahn.....	35 00	35 00	.....	.....	.....	.....
Trelease.....	925 00	780 20	.....	144 80	70 82	73 98
Ward.....	220 00	150 00	.....	70 00	.....	70 00
Washburn.....	320 00	.....	.....	320 00	.....	320 00
Zeleny.....	200 00	200 00	.....	.....	.....	.....
Library equipment—						
Unassigned.....	785 00	† 3,175 23	.....	* 2,390 23	.....	* 2,390 23
Carnahan.....	50 00	50 00	.....	.....	.....	.....
Fitz Gerald.....	400 00	203 50	.....	196 50	.....	196 50
Goebel.....	200 00	118 58	.....	81 42	.....	81 42
Jones.....	150 00	77 97	.....	72 03	.....	72 03
Kinley.....	560 00	559 77	.....	23	.....	23
Koller.....	100 00	81 80	.....	18 20	.....	18 20
Moore.....	100 00	94 41	.....	5 59	.....	5 59
Rahn.....	120 00	120 00	.....	.....	.....	.....
Schoepperle.....	470 00	403 79	.....	66 21	.....	66 21
Seymour.....	30 00	5 74	.....	24 26	.....	24 26
Stebbins.....	150 00	149 40	.....	60	.....	60

SCHEDULE 47—Concluded.

	Assignment.	Cash disbursements.	Transfer charges.	Cash balance.	Open market orders.	Free balance.
Library equipment—Concluded.						
Trelease.....	\$ 300 00	\$ 297 20	.....	\$ 2 80	.....	\$ 2 80
Zeitlin.....	85 00	80 76	.....	4 24	.....	4 24
Crockerland expedition.....	5,000 00	2,500 00	.....	2,500 00	.....	2,500 00
University studies.....	2,500 00	1,043 04	\$ 39 96	1,417 00	\$550 00	867 00
Journal of English and Germanic Philology.....	750 00	750 00	.....	.....	.....	.....
Illinois survey.....	4,333 36	3,817 60	133 56 <sup>1</sup>	382 20	.....	382 20
Clerical help.....	400 00	261 09	.....	138 91	.....	138 91
Incidentals.....	1,200 00	391 15	183 82	625 03	507 40	117 63
Total.....	\$50,973 32	\$44,308 07	\$357 34	\$6,307 91	\$4,155 22	\$5,152 69

\* Overdraft. † Ford \$3,139.17, Kimball \$36.06, total, \$3,175.23.

SCHEDULE 48.

STATEMENT OF THE APPROPRIATIONS FOR THE COLLEGES OF MEDICINE AND DENTISTRY AS AT JUNE 30, 1914.

	Appropriations and credits.	Cash disbursements.	Transfer charges.	Cash balance.	Open market orders.	Free balance.
General salaries.....	\$11,193 04	\$11,108 04	.....	\$ 85 00	.....	\$ 85 00
Medical salaries.....	37,030 00	35,828 63	.....	1,201 37	.....	1,201 37
Dental salaries.....	11,174 56	11,174 56	.....	.....	.....	.....
Repairs—						
General.....		4,585 07	\$ 1 51		\$133 20	
Medical.....	24,000 00	11,560 72	30	577 35	5 00	439 15
Dental.....		7,275 05	.....		.....	
Medical equipment.....	5,000 00	4,838 32	30	161 38	.....	161 38
Dental equipment.....	8,100 00	7,847 70	.....	252 30	48 60	203 70
Heating and lighting.....	9,000 00	7,959 38	.....	1,040 62	3 45	1,037 17
Laboratory stores.....	8,042 83	9,881 99	.....	*1,839 16	64 25	*1,903 41
Mortgage.....	23,708 07	33,708 07	.....	*10,000 00	.....	*10,000 00
Administration—						
General.....		7,014 64	.....		26 25	
Medical.....	24,000 00	10,827 94	784 01	*930 71	.....	*956 96
Dental.....		4,393 52	1,144 92		.....	
Building operation.....		765 68	.....		.....	

Departmental allotments—					
General—					
Anatomy.....		2,366 43			4 50
Chemistry.....		3,399 64			
Physiology.....		282 71			200 00
Medical—					
Bacteriology.....		340 43			
Dispensary.....		2,732 76			23 25
Library.....		4,078 46			35 00
Medicine.....		361 18			
Pathology.....		642 19			19 87
Pharmacology.....		1,083 06			
Obstetrics.....		882 37			
Research.....	38,964 06	2,887 63		2,555 22	
Roentgenology.....		3,697 03			1 00
Surgery.....		632 87			
Dental—					
Bacteriology.....		245 03			
Histology.....		866 94			
Infirmary.....		10,714 01			17 25
Oral Surgery.....		395 86			2 25
Prosthetics.....		422 87			3 78
Radiology.....		312 37			
Operative.....		65 00			
Total.....	\$200,212 56	\$205,178 15	\$1,931 04	*\$6,896 63	\$587 65
					\$*7,484 28

\* Overdraft.

## SCHEDULE 49.

STATEMENT OF APPROPRIATIONS FOR OTHER SCHOOLS AND DEPARTMENTS AS AT JUNE 30, 1914.

	Appropriations and credits.	Cash disbursements.	Transfer charges.	Cash balance.	Encumbrances.				Free balance.
					Open market orders.	Library orders.	Repair orders.	Salaries.	
Commerce—salaries.....	\$23,393 65	\$23,393 65							
Expense.....	11,342 50	4,313 04	\$340 23	\$6,689 23		\$1,755 34			\$4,933 89
Law Library.....	5,000 00	3,827 90		1,172 10		1,240 39			* 68 29
Law School—salaries.....	22,904 76	22,904 76							
Expense.....	3,300 00	801 88	133 35	2,364 77	\$63 00				2,301 77
Library School—salaries.....	6,661 48	6,661 48							
Expense.....	1,080 00	953 36	203 03	*76 39	2 89		\$2 50		* 81 78
Music—salaries.....	17,683 22	17,683 22							
Expense.....	1,871 27	1,753 01	96 95	21 31					21 31



SCHEDULE 49—Concluded.

	Appropriations and credits.	Cash disbursements.	Transfer charges.	Cash balance.	Encumbrances.				Free balance.
					Open market orders.	Library orders.	Repair orders.	Salaries.	
Pharmacy—salaries .....	\$11,361 21	\$11,361 21							
Expense.....	13,570 00	13,495 08		\$ 74 92	\$53 95				\$ 20 97
Summer Session—1913.....	14,270 45	14,092 43	\$ 2 70	175 32					175 32
Summer Session—1914.....	25,000 00	1,136 18	59 19	23,804 63	51 10			\$22,725 00	1,028 53
Summer Library School—1913.....	515 00	465 04		49 96					49 96
Accountancy Committee.....	3,733 44	615 95	22 30	3,095 19	49 00				3,046 19
Water survey.....	30,506 84	27,682 35	403 82	2,420 67	44 08				2,376 59
Trust funds—									
B'nai B'rith.....	199 61	84 76		114 85		\$145 22			*30 37
Bryan Prize.....	250 00			250 00					250 00
Class of 1895.....	78			78					78
Graduate School Theses.....	575 00			575 00					575 00
Hospital Association.....	574 56	574 56							
Llewellyn Prize.....	50 00	50 00							
McKinley.....	2,033 79	1,885 00		148 79					148 79
Plym Fellowship.....	2,000 00	800 00		1,200 00					1,200 00
Snyder—principal.....	4,124 17	3,450 00		674 17					674 17
Snyder—interest.....	600 00	600 00							
Towel Fund.....	731 75	440 00		291 75					291 75
Wilson Lectureship.....	100 00			100 00					100 00
Woman's League.....	291 40	200 00		91 40					91 40
Northwestern Terra Cotta Company Prize.....	50 00	50 00							
Stores—									
Office supplies.....	10,104 77	11,741 02	170 62	*1,806 87					†*1,806 87
Postage.....	11,588 02	12,449 02		*861 00					†*861 00
Petty cash.....		5,850 00		*5,850 00					†*5,850 00
Printograph.....	672 57	671 14	09	1 34					1 34
Total.....	\$226,140 24	\$189,986 04	\$1,432 28	\$34,721 92	\$264 02	\$3,140 95	\$2 50	\$22,725 00	\$8,589 45

\* Overdraft. † Value of stock on hand.

## SCHEDULE 5.

## GENERAL RECONCILIATION OF DISBURSEMENTS AS AT JUNE 30, 1914.

Funds.	Items.	Totals.	Appropriations.	Items.
University Treasurer—				
General.....	\$620,262 14		For 1912-1913, as per Schedule 3.	\$ 195,737 04
United States Agricultural Experiment Station.....	31,005 94			
Medicine.....	77,296 16			
Pharmacy.....	7,754 75	\$ 736,318 99	For 1913-1914, as per Schedule 4.	2,819,297 81
State Auditor—				
Operation, maintenance and equipment.....	\$1,600,000 00			
Buildings, land and equipment....	650,000 00			
Water survey and investigation...	19,189 44			
Miners' and Mechanics' Institutes.	9,526 42	2,278,715 86		
Total .....		\$3,015,034 85		\$3,015,034 85

## SCHEDULE 6.

## RECONCILIATION WITH UNIVERSITY TREASURER AS AT JUNE 30, 1914.

General fund—		
Treasurer's balance .....		\$165,817 17
Add: Receipts in process of deposit .....		349 00
		<u>\$166,166 17</u>
Deduct: Warrants outstanding—		
Issued before July 1, 1912 .....	\$ 319 64	
Issued 1912-1913 .....	21 73	
Issued 1913-1914 .....	114,072 57	
		<u>114,413 94</u>
Business office balance .....		<u>\$51,752 23</u>
Agricultural Experiment Station Fund—		
Treasurer's balance .....		\$2,552 17
Deduct: Warrants outstanding .....		2,277 34
Business office balance .....		<u>\$274 83</u>
College of Medicine Fund—		
Treasurer's balance .....		\$25,650 13
Deduct: Warrants outstanding—		
Issued before July 1, 1912 .....	\$ 113 75	
Issued 1912-1913 .....	20 00	
Issued 1913-1914 .....	18,839 35	
		<u>18,973 10</u>
Business office balance .....		<u>\$6,677 03</u>
School of Pharmacy Fund—		
Treasurer's balance .....		\$17,032 83
Add: Receipts in process of deposit .....		5 00
		<u>\$17,038 83</u>
Deduct: Warrants outstanding .....		232 67
Business office balance .....		<u>\$16,805 16</u>

## SCHEDULE 7.

## RECONCILIATION WITH STATE AUDITOR AS AT JUNE 30, 1914.

Operation, maintenance, and equipment—		
State Auditor's balance .....		\$118 47
Deduct: Certified vouchers in process of payment .....		118 47
Business office balance .....		<u>\$000 00</u>
Buildings, land and equipment—		
State Auditor's balance .....		\$000 00
Business office balance .....		<u>000 00</u>

## SCHEDULE 7—Concluded.

Miners' and Mechanics' Institutes—	
State Auditor's balance .....	\$5,533 47
Deduct: Certified vouchers in process of payment .....	59 89
Business office balance .....	<u>\$5,473 58</u>
Water survey—	
State Auditor's balance .....	\$2,426 03
Deduct: Certified vouchers in process of payment .....	115 47
Business office balance .....	<u>\$2,310 56</u>
The board adjourned.	
H. E. CUNNINGHAM, <i>Secretary</i> .	
W. L. ABBOTT, <i>President</i> .	

## MEETING OF JULY 28, 1914.

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A special meeting of the Board of Trustees of the University of Illinois was held at the University, in Urbana, on Tuesday, July 28, 1914, at 10.00 a. m., pursuant to the following notice which was sent out by the Secretary on July 23, 1914:

Upon the call of the Acting President, Mr. Allen F. Moore, there will be a special meeting of the Board of Trustees of the University of Illinois, in the Trustees' Room, Natural History Building, at the University, in Urbana, on Tuesday, July 28, 1914, at 10.00 a. m., to consider such matters as the committees of the board and the President of the University may submit, and such other matters as may be duly presented.

There being no quorum, the board adjourned.

W. L. ABBOTT, *President*.

H. E. CUNNINGHAM, *Secretary*.

## MEETING OF AUGUST 14, 1914.

A special meeting of the Board of Trustees of the University of Illinois was held in the Trustees' Room, at the University, in Urbana, on Friday, August 14, 1914, at 2.00 p. m., pursuant to the following notice which was sent out by the Secretary on August 6, 1914:

Upon the call of the Acting President, Mr. Allen F. Moore, there will be a special meeting of the Board of Trustees of the University of Illinois, in the Trustees' Room, in the Natural History Building, at the University, in Urbana, on Friday, August 14, 1914, beginning at 2.00 p. m., to consider such matters as the committees of the board and the President of the University may submit and such other matters as may be duly presented.

When the board convened, the following members were present: Mrs. Evans, Mrs. Henrotin, Mr. Holt, Mr. Montgomery, Mr. Moore, Mr. Trevett, Miss Watson. President James was present; also, during a part of the session, Prof. James M. White, Supervising Architect.

Mr. Allen F. Moore, Acting President, presided.

In the absence of the Secretary, Mr. C. M. McConn, the Registrar of the University, acted as Secretary *pro tempore*.

### MINUTES APPROVED.

The Secretary *pro tem.* presented the minutes of the special meetings of July 11, 1914, and July 28, 1914, which, on motion of Mrs. Evans, were approved.

### APPOINTMENTS MADE BY THE PRESIDENT OF THE UNIVERSITY.

The Secretary *pro tem.* presented also for record the following report of appointments made by the President of the University under authority given him by the Board of Trustees:

Bishop, Mildred C., Student Secretary in the Department of History, on two-thirds time, for ten months beginning September 1, 1914, at a salary of forty dollars (\$40) a month. (July 29, 1914.)\*

Davis, John W., Instructor in Electrical Engineering, for ten months beginning September 1, 1914, at a salary of one hundred forty dollars (\$140) a month. (July 18, 1914.)

Fanning, Ralph S., Instructor in Architectural Design, for ten months beginning September 1, 1914, at a salary of one hundred twenty dollars (\$120) a month. (July 18, 1914.)

Foster, William D., Instructor in Architectural Design, for ten months beginning September 1, 1914, at a salary of one hundred forty dollars (\$140) a month. (July 20, 1914.)

Ganser, Sylvan E., Instructor in Architectural Engineering, for ten months beginning September 1, 1914, at a salary of one hundred forty dollars (\$140) a month. (July 20, 1914.)

Gonnerman, Harrison F., First Assistant in the Department of Theoretical and Applied Mechanics in the Engineering Experiment Station, for twelve months beginning September 1, 1914, at a salary of eighteen hundred dollars (\$1,800) for the year. (August 10, 1914.)

Higgins, George M., Graduate Assistant in Zoology, for ten months beginning September 1, 1914, at a salary of thirty dollars (\$30) a month. (July 22, 1914.)

Hofto, Jacob A., Assistant in the Illinois Survey, on one-half time, for ten months beginning September 1, 1914, at a salary of forty-five dollars (\$45) a month. (July 14, 1914.)

Randolph, Oscar A., Research Assistant in the Department of Physics, for the month of August, 1914, at a salary of seventy-five dollars (\$75) for the month. (August 8, 1914.)

Ross, Anna, Stenographer in the Office of the Dean of the College of Engineering, at a salary of fifty dollars (\$50) a month, beginning when she reports for duty and continuing until further notice, subject to the regulations of the Civil Service Commission. (July 22, 1914.)

Scheffel, Yetta, Assistant in the Illinois Survey, on one-half time, for ten months beginning September 1, 1914, at a salary of fifty dollars (\$50) a month. (July 14, 1914.)

Tomek, Georgiana, Stenographer in the College of Dentistry, at a salary of sixty dollars (\$60) a month, beginning September 1, 1914, and continuing until

\* The date in parenthesis is the date on which the appointment was made by the President of the University.

further notice, subject to the regulations of the Civil Service Commission. (August 5, 1914.)

Tracey, Grover, Assistant in Physiological Chemistry in the College of Medicine, for twelve months beginning September 1, 1914, at a salary of one thousand dollars (\$1,000) for the year. (August 8, 1914.)

Vanderburgh, Grace L., Stenographer in the Department of Animal Husbandry, at a salary of sixty dollars (\$60) a month, beginning July 1, 1914, and continuing until further notice, subject to the regulations of the Civil Service Commission. (July 29, 1914.)

Winslow, John C., Laboratory Assistant in Bacteriology, for ten months beginning September 1, 1914, at a salary of thirty dollars (\$30) a month. (July 22, 1914.)

### APPOINTMENTS IN THE COLLEGE OF MEDICINE.

The Secretary *pro tem.* presented also for record the following report of appointments in the College of Medicine, made on August 5, 1914, by the President of the University, under authority given him by the Board of Trustees, all these appointments being for the term of one year from September 1, 1914:

#### A. General Office.

William H. Browne, Secretary	\$3,000	Louise B. Heerman, Stenographer	720
Mable L. Arneson, Stenographer	900	Ethel Watson, Typist	600
J. S. Tomlinson, Cashier	1,500	Animal Keeper	600
H. W. Cole, Curator	1,200		
Assistants to the Curator	1,230		
			\$9,750

#### B. Physical Plant.

Eric Froberg, Janitor	\$ 900	Additional labor	2,400
Eshoo David, Laborer	660		
Paul David, Laborer	720		
			\$4,680

#### C. Teaching Staff.

G. P. Dreyer, Professor of Physiology and Physiological Chemistry and head of the department	\$4,000	Stella May Gardner, Assistant Professor	1,000
Mary C. Lincoln, Assistant Professor	600		
			\$5,600

#### D. Other Appointments.

Anna R. Bolan, Clinical Nurse	\$720	Anna J. Hwasser, Assistant Librarian	600
Frederick Falls, Fellow, Obstetrics	500		
Josephine Allen, Nurse	660		
G. N. Hiskey, Druggist	540	Total	\$ 3,060
			23,090

On motion of Dr. Montgomery, the foregoing reports of appointments were received for record.

At this point Capt. Thomas J. Smith, of Champaign, formerly President of the Board of Trustees, was announced and was invited to sit with the board.

A few moments later, during the presentation of the next matter, Superintendent Blair joined the meeting.

### CONTRACT FOR ADMINISTRATION BUILDING AND ADDITION TO CHEMICAL LABORATORY.

Prof. James M. White, Supervising Architect, presented a report of the bids on the Administration Building and the addition to the Chemical Laboratory, which were opened in his presence on Saturday, July 25, in the office of the State Architect in Chicago.

These bids were as follows:

#### GENERAL CONTRACT.

Contractor.	Time of completion.	General contract for both buildings.	General contract for Chemical Building.	General contract for Administration Building.
English Brothers.....	July 1	\$307,000 00	\$196,000 00	\$111,000 00
	Oct. 1	304,000 00	194,000 00	110,000 00
A. W. Stoolman.....	July 1	308,114 00	195,793 00	112,321 00
	Oct. 1	302,114 00	192,793 00	109,321 00
Freeman & Brooks.....	July 1	301,501 00	191,889 00	111,612 00
	Oct. 1	298,753 00	190,144 00	110,608 00

Contractor.	Difference if Gypsum tile is used in both buildings.	Difference if Gypsum tile is used in Chemical Building.	Difference if Gypsum tile is used in Administration Building.	Credit if Tavernelle Calire marble is used in Administration Building.	Credit if Vermont or other domestic marble is used in Administration Building.
English Brothers.....	+\$1,200	+\$600	+\$600	\$2,500 2,500	\$3,000 3,000
A. W. Stoolman.....	—980	—480	—500	3,100 3,100	3,700 3,700
Freeman & Brooks.....	—600	—375	—225	2,900 2,900	3,500 3,500

## PLUMBING.

Contractor.	Plumbing for both buildings.	Plumbing for Chemical Building.	Plumbing for Administration Building.
Reliable Plumbing and Heating Co., Champaign, Ill.....	\$17,950 00	\$13,760 00	\$4,464 00
E. Baggot Co., Chicago, Ill.....	27,900 00	14,950 00	14,950 00
Murphy Plumbing Co., Chicago, Ill.....	23,844 00	17,853 00	5,991 00
Carson-Payson Co., Danville, Ill.....	17,704 00	12,826 00	5,178 00
J. O'Neill & Sons, Peoria, Ill.....	17,400 00	13,075 00	4,560 00
R. Haas Electric & Manufacturing Co., Springfield, Ill.....	20,000 00	15,430 00	4,714 00

## HEATING AND VENTILATING.

Contractor.	Time of completion.	Proposal for both buildings.	Proposal for Chemical Building.	Proposal for Administration Building.
Glennan Bielke Co., Chicago, Ill.....	.....	\$36,339 00	\$32,064 00	\$14,275 00
Reliable Plumbing and Heating Co., Champaign, Ill.....	.....	27,900 00	17,595 00	10,528 00
Fitzpatrick & Hoepfner Co., Columbus, O.....	.....	33,496 00	21,987 00	12,965 00
Carson-Payson Co., Danville, Ill.....	.....	31,751 00	19,880 00	11,871 00
J. O'Neill & Sons, Peoria, Ill.....	.....	37,700 00	24,600 00	13,400 00
R. Haas Electric & Manufacturing Co., Springfield, Ill.....	.....	36,500 00	22,510 00	14,364 00
Industrial Heating & Engineering Co., Milwaukee, Wis.....	.....	.....	17,031 00	.....
A. Kilander & Co., Chicago, Ill.....	.....	42,838 00	26,602 00	16,146 00
New York Blower Co., Chicago, Ill.....	July 1	28,330 00	17,830 00	10,500 00
Peters-Eichler Heating Co., St. Louis, Mo.....	Oct. 1	27,830 00	17,830 00	10,500 00
	.....	30,572 00	19,717 00	11,071 00

## ELECTRIC WIRING.

Contractor.	Proposal for both buildings.	Proposal for Chemical Building.	Proposal for Administration Building.
Herman Andre Electric Co., Milwaukee, Wis.....	\$17,465 00	\$13,500 00	.....
Kohler Brothers, Chicago, Ill.....	17,824 00	14,400 00	\$4,000 00
United Electrical Construction Co., Chicago, Ill.....	13,520 00	14,953 00	2,871 00
Marrs-Tanner Co., Danville, Ill.....	20,000 00	10,985 00	2,535 00
R. Haas Electric & Manufacturing Co., Springfield, Ill.....	20,000 00	17,234 97	3,343 18
Electrical Construction & Machinery Co., Rock Island, Ill.....	20,500 00	17,390 00	3,310 00
Caldwell Co., Champaign, Ill.....	18,136 00	15,249 00	2,887 00
Electric Shop, Aurora, Ill.....	11,309 00	8,369 00	2,940 00
E. D. Fuchs and Co., Chicago, Ill.....	17,085 00	13,700 00	3,385 00

On the recommendation of Prof. White, approved by President James, and on motion of Mr. Hoit, it was voted:

(1) That the general contract for both the Administration Building and the addition to the Chemical Laboratory be awarded to the low bidders, Messrs. Freeman & Brooks, at a contract price of two hundred ninety-four thousand six hundred fifty-three dollars (\$294,653), this price being based on the completion of the two buildings by October 1, 1915, gypsum tile to be used in both buildings and domestic marble to be used in the Administration Building.

(2) That a bonus of one thousand four dollars (\$1,004) be paid to Messrs. Freeman & Brooks in case the Administration Building is finished by July 1, 1915.

(3) That the other contracts be awarded to the low bidder in each case, as follows:

The contract for plumbing in the Administration Building to the Reliable Plumbing & Heating Company, of Champaign, Ill., at \$4,464.

The contract for plumbing in the Chemical Laboratory, to the Carson-Payson Company, of Danville, Ill., at \$12,826.

The contract for heating and ventilating in the Administration Building, to the New York Blower Company, of Chicago, Ill., at \$10,500.

The contract for heating and ventilating in the Chemical Laboratory, to the Industrial Heating and Engineering Company, of Milwaukee, Wis., at \$17,031.

The contract for the electrical work in both buildings, to the Marrs-Tanner Company, of Danville, Ill., at \$13,520.

(4) That the sum of two hundred thousand dollars (\$200,000) be appropriated to cover payments on these contracts up to July 1, 1915.

This motion was passed, the vote being as follows: Ayes, Mr. Blair, Mrs. Evans, Mrs. Henrotin, Mr. Hoit, Mr. Montgomery, Mr. Moore, Mr. Trevett, Miss Watson; noes, none; absent, Mr. Abbott, Mrs. Busey, Mr. Dunne, Mr. Meeker.

#### PERMISSION TO SUBLET CONTRACT ON THE ADMINISTRATION BUILDING.

At this point the following letter was delivered to the Acting President of the board:

CHAMPAIGN, ILL., August 14, 1914.

Board of Trustees, University of Illinois, Urbana, Ill.

GENTLEMEN: We wish to be given the privilege of subletting the general contract for building the Administration Building of the University of Illinois to English Bros., of this city.

Respectfully yours,

FREEMAN & BROOKS.

WRIGHT F. JACKSON.

After discussion, and on motion of Dr. Montgomery, it was voted to grant to Messrs. Freeman & Brooks the privilege of subletting the general contract for the Administration Building to English Brothers of Champaign.

#### AGREEMENT WITH THE STATE ARCHITECT.

The Finance Committee reported that the following agreement with the State Architect had been formulated and had been signed by Mr. Dibelka, and recommended the approval of this agreement:

This agreement between James B. Dibelka, State Architect, and the Board of Trustees of the University of Illinois, entered into this..... day of July, 1914, is for the purpose of expediting the preparation of plans for buildings to be erected by the State on the University Campus under the following conditions:

*First*—The Board of Trustees agree that a branch of the State Architect's office may be opened on the University Campus in conjunction with the office of the Supervising Architect.

*Second*—That the State Architect may have the architectural work for University buildings done in said office at cost, the University meeting the current expenses and deducting the expenditures from the legal commission due the State Architect.

*Third*—That the employment of men and the general conduct of the office shall be under the direct control of the Supervising Architect.

*Fourth*—That plans and specifications prepared under this agreement shall be subject at all times to the criticism of the State Architect, and when approved by him shall bear his name as architect and be stamped with his seal.

*Fifth*—That the cost of the work shall be the actual time and material, including cost of preliminary drawings, but exclusive of overhead office expense and superintendence of work under construction.



*Sixth*—The Board of Trustees guarantee that the expenses will in no case where the entire architectural services are furnished by the branch office exceed 2 per cent on the contract price.

*Seventh*—The contract price upon which the commission is based is understood to be the total cost of the building ready to receive the furniture and furnishings.

(Signed) JAMES B. DIBBELKA.

On motion of Mr. Montgomery, it was voted to approve the foregoing agreement.

#### PAYMENT OF STATE ARCHITECT'S BILL.

Prof. James M. White, Supervising Architect, presented a bill from the State Architect, for his work on the plans of the Administration Building and the addition to the Chemistry Laboratory, contracts for which have just been awarded, amounting to eight thousand eight hundred twenty-four dollars and eighty-five cents (\$8,824.85), and recommended that this bill be paid except for the sum of five hundred dollars (\$500), to be retained pending the further advancement of the work on these contracts.

On motion of Superintendent Blair, this recommendation of the Supervising Architect's was approved, and an appropriation of eight thousand three hundred twenty-four dollars and eighty-five cents (\$8,324.85) was made for the partial payment of this bill; the vote being as follows: Ayes, Mr. Blair, Mrs. Evans, Mrs. Henrotin, Mr. Hoit, Mr. Montgomery, Mr. Moore, Mr. Trevett, Miss Watson; noes, none; absent, Mr. Abbott, Mrs. Busey, Mr. Dunne, Mr. Meeker.

#### PROPOSED GIFT BY CAPT. SMITH.

President James presented the following letter from Capt. Thomas J. Smith, of Champaign, proposing to convey to the Trustees of the University of Illinois certain property, on condition that the Trustees erect within two years from this date, upon the Campus, a building for the use of the Music Department of the University, to cost at least \$215,000, and on the further condition, of the payment to Capt. Thomas J. Smith of a five per cent annuity on \$215,000, payable semi-annually while he shall live, and at the same rate to his executors after his death for a period of six months:

[Capt. Smith's Letter.]

CHAMPAIGN, ILL., July 17, 1914.

To the Board of Trustees of the University of Illinois.

DEAR SIR: Looking to the final execution of my desire to cause the erection of a building on the Campus of the University of Illinois for the Musical School of the University, as outlined in my letter to you of the 8th ultimo, I desire now to make you the following proposition, to wit:

I propose to convey to the trustees of the University the following described property, to wit:

The southwest quarter and the west half of the southeast quarter of section twenty-six (26), township twenty (20) north, range ten (10) east of the Third Principal Meridian, two hundred and forty acres, valued at two hundred twenty-five dollars (\$225) per acre ..... \$54,000

This farm is in first class condition, with residence, barn, and other buildings—very productive—in Stanton Township, three and one-half miles north of St. Joseph, Ill.

All that part of the north half of section twenty-three (23), township twenty-two (22) north, range nine (9) east of the Third Principal Meridian, which lies west of the Illinois Central Railroad right of way, two hundred fourteen (214) acres, worth two hundred fifty dollars (\$250) per acre ..... 53,000

This farm is two and one-half miles north of Rantoul, and it joins the Illinois Central right of way and Kankakee and Urbana Inter-urban line.

The northwest quarter, and the south half of the northeast quarter, of section thirty-one (31), township twenty-two (22) north, range eight (8) east of the Third Principal Meridian, two hundred forty (240) acres (less Illinois Central right of way), worth three hundred dollars (\$300) per acre ..... 72,000

This farm, forty (40) acres of which lies in the corporate limits of the town of Fisher, Ill., is in as good condition as any farm in the United States.

The east half of the southwest quarter of section fourteen (14), township nineteen (19) north, range eight (8) east of the Third Principal Meridian, worth four hundred fifty dollars (\$450) per acre ..... 36,000

This tract adjoins the corporate limits of the city of Champaign. On the southwest the land adjoining has heretofore sold for five hundred dollars (\$500) per acre.

Making a total of ..... \$215,000

All the above land is in Champaign County in the best state of cultivation.

The condition I would attach upon the conveyance of the above-described land is the erection of a building upon the Campus of the University of Illinois, to cost two hundred fifteen thousand dollars (\$215,000), such building to be erected within two years from this date, and the payment to me of five per cent on two hundred fifteen thousand dollars (\$215,000), payable semi-annually while I shall live, and at the same rate to my executors after my death for a period of six months.

The object I have in making the foregoing proposition is to have erected such building as a memorial to the memory of my deceased wife, who was a lover of music and a steadfast friend of the University.

While I do not make it a condition, yet after the erection of such building, I would be greatly pleased if the board would grant a free scholarship to four girls annually who may seek a musical education but who are unable to pay the customary charges for instruction in music in such music school.

THOMAS J. SMITH.

President James stated that he was in receipt from the Legal Counsel of the University of an opinion to the effect that the Board of Trustees might accept from Capt. Thomas J. Smith \$215,000 in money for the erection of a Music Building and in consideration thereof obligate itself to pay him semi-annually during his life, and to his executors after his death for a period of six months, an income based upon the sum of \$215,000, at a reasonable and current rate of interest; also, that if the board may accept the money gift under such conditions it may accept a grant of farm lands under similar conditions; and, further, that the annuity should be based upon a reasonable estimate of the value of the land—not such a value as the land would bring in cash upon a forced sale, but that which a prudent and intelligent man acquainted with land values would place upon it after considering its present and prospective worth.

At this point Capt. Smith withdrew. After some discussion of his proposition he was invited to return and was heard in regard to his purpose and wishes in making this offer to the University. He then again retired.

On motion of Superintendent Blair, it was voted to refer this matter to the Finance Committee, with the request that they work out, in conference with Capt. Smith, a form of agreement upon which this gift may be accepted, and report the same to the board for action.

Upon motion of Superintendent Blair, it was voted further that when the board adjourned it should adjourn to meet at the call of the President of the board for the purpose of considering the agreement with Capt. Smith to be formulated by the Finance Committee.

#### MATTERS PRESENTED BY THE PRESIDENT OF THE UNIVERSITY.

President James presented the following matters for consideration:

##### OFFER FOR ACRE PROPERTY IN CHICAGO.

(1) A letter from Mr. W. B. Day, Actuary of the School of Pharmacy, dated July 24, 1914, stating that Mr. Martin Griglak, 1903 West Forty-seventh Street, Chicago, had recently made an offer of three thousand dollars (\$3,000) for the acre property belonging to the University, situated between Forty-seventh and Forty-eighth Streets and adjoining Fairfield Avenue in the city of Chicago. Mr. Day is of the opinion that Mr. Griglak's offer is as good a one as we shall have for several years to come. The property has not increased rapidly in value of late, and from all present indications is not likely to increase greatly for years to come. The University, moreover, is facing at the present time the probability of having to pay large special assessments when Fairfield Avenue is opened, to the opening of which the University has already given its consent.

On motion of Mrs. Evans, Mr. Griglak's proposition was referred to the Finance Committee of the board for consideration and report.

##### APPROPRIATION FOR GREGORY MEMORIAL PAMPHLET.

(2) A request from Dr. T. J. Burrill, Chairman of the Gregory Memorial Committee, for an appropriation of three hundred fifty dollars (\$350), to defray the expenses of printing and distributing eleven thousand copies of the Gregory Memorial pamphlet; these expenses being estimated as follows: Printing, two hundred thirty-nine dollars and fifty cents (\$239.50); engraving, twenty-five dollars and thirty cents (\$25.30); addressing and postage, seventy-five dollars (\$75); incidentals ten dollars and twenty cents (\$10.20); total, three hundred fifty dollars (\$350).

On motion of Mr. Trevett, this request was approved, and an appropriation of three hundred fifty dollars (\$350) was made for the purpose named, the vote being as follows: Ayes, Mr. Blair, Mrs. Evans, Mrs. Henrotin, Mr.

Hoit, Mr. Montgomery, Mr. Moore, Mr. Trevett, Miss Watson; noes, none; absent, Mr. Abbott, Mrs. Busey, Mr. Dunne, Mr. Meeker.

#### APPOINTMENT OF DR. WHIPPLE.

(3) A recommendation that Dr. Guy Montrose Whipple, now of Cornell University, who at the last meeting of the board (page 49) was appointed Assistant Professor of Education but is unwilling to accept an appointment to this rank, be appointed instead Associate Professor of Education, for the same period and at the same salary as under the preceding action of the board, that is to say, for the term of two years from September 1, 1914, at a salary of twenty-seven hundred fifty dollars (\$2,750) per annum.

On motion of Mrs. Evans, this recommendation was approved.

#### COMMITTEE ON ORGANIZATION AND EFFICIENCY.

(4) The following report on the work of the Committee on Organization and Efficiency:

At the meeting of the University Senate held on February 6, 1911, it was voted that the President of the University be authorized to appoint a committee representing the several colleges and schools to make a thorough investigation of the general question of the organization and efficiency of the University, with a view to drafting ultimately a constitution of the University of Illinois for submission to the Board of Trustees.

On March 7, 1911, the President appointed the following committee under this motion: Prof. A. N. Talbot, Prof. H. W. Mumford, Prof. J. H. Pettit, Associate Prof. H. L. Rietz, Prof. Frederick Green, Prof. E. R. Dewsnup, Prof. Julius Goebel, Director Charles Mills, Director P. L. Windsor, Prof. B. H. Bode, Prof. H. B. Ward, Associate Prof. W. A. Oldfather, Prof. F. M. Mann, Prof. E. S. Thurston, and Registrar C. M. McConn, Secretary ex officio.

The first meeting of the committee was held on March 13, 1911, at 8.00 p. m. in the Trustees' Room in the Natural History Building. Aside from the members of the committee and the President of the University, there were present Mr. W. L. Abbott, President of the Board of Trustees, and Mrs. Mary E. Busey, Mrs. Laura B. Evans, and Mr. F. L. Hatch, members of the Board of Trustees.

It was voted at this time that the meetings of the committee should be held on the second and fourth Monday of each month from 7.30 to 9.30 p. m. in the Trustees' Room in the Natural History Building.

Up to the present time seventy-two meetings of the committee have been held of from two to four hours in length. Five of these meetings were devoted to conference with representatives of other universities, Prof. J. M. Cattell of Columbia University, Prof. T. C. Chamberlin of the University of Chicago, Dr. H. C. Bum-pus, Business Manager of the University of Wisconsin, Dr. C. R. Gregory of the University of Leipzig, and Dean C. H. Johnston of the University of Kansas. The first three of these gentlemen presented their views in formal addresses before the University Senate and met afterwards with the committee for discussion.

It is hoped that the committee will be able to complete a preliminary report to be submitted to the Senate and the various faculties early in the autumn. After a complete discussion of this preliminary report by the faculties and the Council of Administration, if the committee is able to agree upon any final report on the subject, the latter will be submitted to the Board of Trustees for consideration and such disposition made of it as they may see fit.

The foregoing report was received for record.

#### APPOINTMENTS.

(5) The following recommendations with reference to appointments:

(a) That Dr. W. F. Dodd be appointed Associate Professor of Political Science, at a salary of three thousand dollars (\$3,000) per annum, beginning September 1, 1914. Under an action of the Board of Trustees already taken (on April 22, 1914, p. 671) Dr. Dodd has leave of absence for the second half of the coming academic year, without salary, to enable him to complete certain work which he has undertaken and which can be done only in the city of Washington.

(b) That Mr. John N. Pomeroy be appointed Professor of Law, for one year beginning September 1, 1914, at a salary of thirty-one hundred dollars (\$3,100) for the year.

(c) That Mr. George F. Schwartz be appointed Assistant Professor of Music, for three years beginning September 1, 1914, at a salary of twenty-two hundred dollars (\$2,200) per annum.

(d) That Mr. Ray T. Stull be appointed Acting Director of the Courses in Ceramics, for one year beginning September 1, 1914, at a salary of three thousand dollars (\$3,000) for the year.

(e) That Mr. Charles E. Carpenter, now of the University of North Dakota, be appointed Assistant Professor of Law, for one year beginning September 1, 1914, at a salary of twenty-five hundred dollars (\$2,500) for the year.

(f) That Dr. R. E. Hieronymus be appointed Community Adviser in the University of Illinois, for one year beginning September 1, 1914, at a salary of three thousand dollars (\$3,000) for the year; salary to be divided equally between the budget of the Courses in Commerce and the budget of the Department of Agricultural Extension.

On motion of Superintendent Blair, the foregoing recommendations were approved, the vote being as follows: Ayes, Mr. Blair, Mrs. Evans, Mrs. Henrotin, Mr. Hoit, Mr. Montgomery, Mr. Moore, Mr. Trevett, Miss Watson; noes, none; absent, Mr. Abbott, Mrs. Busey, Mr. Dunne, Mr. Meeker.

**AGREEMENT WITH UNITED STATES DEPARTMENT OF AGRICULTURE  
CONCERNING EXTENSION WORK.**

(6) The following correspondence relating to a proposed agreement between the United States Department of Agriculture at Washington and the University of Illinois concerning the extension work in Agriculture and Home Economics in the State of Illinois.

(a) A letter from Hon. D. F. Houston, Secretary of Agriculture, Washington, D. C.:

July 13, 1914.

*Dr. Edmund J. James, President, University of Illinois, Urbana, Ill.*

Sir: Your attention is called to previous correspondence suggesting that a specific understanding be arranged between the various state agricultural colleges and the United States Department of Agriculture for the cooperative conduct of extension work in agriculture and home economics when Federal funds are involved. In line with such suggestion, there is handed you herewith for your consideration and signature, if approved, a memorandum of understanding which it is believed will meet the situation, and provide an efficient and economical administration of extension work.

Dr. A. C. True, Chairman of the States Relations Committee of this Department, and Prof. C. B. Smith, in charge of demonstrations, conferred with your Dean Davenport recently regarding extension work, at which time the details of this memorandum were discussed. Should it not be wholly clear to you, Dean Davenport may be able to further explain it. If this memorandum is agreeable to you, please sign the five copies inclosed and return to the department for execution here, upon which the memorandum will become effective and two copies will be returned to you for your file.

Very truly yours,

D. F. Houston, *Secretary.*

(b) Memorandum of understanding between the University of Illinois and the United States Department of Agriculture regarding extension work in agriculture and home economics in the State of Illinois.

WHEREAS, The University of Illinois has, or may hereafter have, under its control Federal and State funds for extension work in agriculture and home economics, which are and may be supplemented by funds contributed for similar purposes by counties and other organizations and by individuals within said State, and the United States Department of Agriculture has, or may hereafter have, funds appropriated to it by Congress which can be spent for demonstration and other forms of extension work in the State of Illinois:

Therefore, with a view to securing economy and efficiency in the conduct of extension work in the State of Illinois, the President of the University of Illinois, acting subject to the approval of the Board of Trustees of said University, and the Secretary of Agriculture of the United States, hereby make the following memorandum of understanding with reference to cooperative relations between said University and the United States Department of Agriculture for the organization and conduct of extension work in agriculture and home economics in the State of Illinois:

**I. The University of Illinois agrees:**

(a) To organize and maintain in its College of Agriculture a definite and distinct administrative division for the management and conduct of extension work in agriculture and home economics, with a responsible leader, selected by the college, and satisfactory to the Department of Agriculture;

(b) To administer through such extension division thus organized any and all funds it has or may hereafter receive for such work from appropriations made by Congress or the State Legislature, by allotment from its Board of Trustees, or from any other source;

(c) To cooperate with the United States Department of Agriculture in all extension work in agriculture and home economics which said department is or shall be authorized by Congress to conduct in the State of Illinois.

**II. The United States Department of Agriculture agrees:**

(a) To establish and maintain in the Department of Agriculture a States Relations Committee, pending the authorization by Congress of a States Relations Service, which shall represent the department in the general supervision of all cooperative extension work in agriculture and home economics in which the department shall participate in the State of Illinois, and shall have charge of the department's business connected with the administration of all funds provided to the states under the Smith-Lever Act.

(b) To conduct in cooperation with the University of Illinois all demonstration and other forms of extension work in agriculture and home economics which the department is authorized by Congress to conduct in the State of Illinois.

**III. The University of Illinois and the United States Department of Agriculture mutually agree:**

(a) That, subject to the approval of the President of the University of Illinois and the Secretary of Agriculture, or their duly appointed representatives, the cooperative extension work in agriculture and home economics in the State of Illinois involving the use of direct Congressional appropriations to the Department of Agriculture shall be planned under the joint supervision of the Director of Extension Work of the College of Agriculture of the University of Illinois and the agriculturist in charge of demonstration work of the United States Department of Agriculture in the North and West; and that the approved plans for such cooperative extension work in the State of Illinois shall be executed through the extension division of the College of Agriculture of the University of Illinois in accordance with the terms of the individual project agreements;

(b) That all agents appointed for cooperative extension work in agriculture and home economics in the State of Illinois, under this memorandum and subsequent project agreements, involving the use of direct Congressional appropriations

to the Department of Agriculture, shall be joint representatives of the College of Agriculture of the University of Illinois and the United States Department of Agriculture, unless otherwise expressly provided in the project agreements; and the cooperation shall be plainly set forth in all publications or other printed matter issued and used in connection with said cooperative extension work by either the University of Illinois or the United States Department of Agriculture;

(c) That the plans for the use of the Smith-Lever Fund, except so far as this fund is employed in cooperative projects involving the use of department funds, shall be made by the extension division of the college but shall be subject to the approval of the Secretary of Agriculture in accordance with the terms of the Smith-Lever Act, and when so approved shall be executed by the extension division of said college;

(d) That the headquarters of the State organization contemplated in this memorandum be at the University of Illinois.

IV. This memorandum shall take effect when it is approved by the President of the University of Illinois and the Secretary of Agriculture of the United States and shall remain in force until it is expressly abrogated in writing by either one of the signers or his successor in office.

Date.....

.....  
President, University of Illinois.

Date.....

.....  
Secretary of Agriculture.

(c) The following letter from Dean Eugene Davenport in regard to the memorandum:

August 10, 1914.

President Edmund J. James, University of Illinois.

MY DEAR MR. PRESIDENT: I have read carefully the proposed memorandum of agreement between the University of Illinois and the United States Department of Agriculture. Prof. Mumford, Prof. Blair, and Mr. Jamison have also heard it. The memorandum follows accurately the points discussed with Dr. True, the representative of Secretary Houston, at the time of his visit here. We believe it is not only workable but entirely fair to both interests, and recommend its approval by the University of Illinois.

By the merest accident in Congressional legislation the state universities and the Federal department are equipped with independent funds for practically the same kind of work. If the department can cooperate on some such plan as is herein proposed the service can be rendered through a single organization. If not, each state will be served by separate organizations, one state and the other Federal, operating independently in an attempt to render lines of service that are practically identical. Surely if a method of cooperation can be found it will reduce expense, prevent confusion, and more than likely forestall misunderstandings.

Very truly yours,

E. DAVENPORT.

On motion of Mrs. Evans, the President of the University was authorized to sign the foregoing agreement with the United States Department of Agriculture, on behalf of the University.

#### INSURANCE PAYMENTS, COLLEGE OF MEDICINE.

(7) A letter from Mr. W. L. Abbott, President of the Board of Trustees, recommending the payment of certain bills from Mr. A. F. Musgrave, 332 South LaSalle Street, Chicago, for insurance adjustments, due to insurance policies which were in effect at the time when, or shortly before, the College of Physicians and Surgeons was taken over by the University. These bills are:

- |   |         |
|---|---------|
| (1) A bill to Mr. Henry W. Cole, for money advanced for the University of Illinois, in payment of a fidelity and casualty bond, dated January 26, 1914, and extending to January 26, 1915 ..... | \$ 5 00 |
| (2) A bill to the Fidelity and Casualty Company of New York, for steam boiler liability, to the amount of \$5,000, for one year from October 3, 1913 .....                                      | 57 64   |
| (3) A bill for additional premium on insurance on the College of Physicians and Surgeons, dated October 3, 1913 .....   | 43 86   |

Total ..... \$106 50

On motion of Dr. Montgomery, the insurance bills listed above were ordered paid, and an appropriation of one hundred six dollars and fifty cents (\$106.50) was made for the purpose, the vote being as follows: Ayes, Mr. Blair, Mrs. Evans, Mrs. Henrotin, Mr. Hoit, Mr. Montgomery, Mr. Moore, Mr. Trevett, Miss Watson, noes, none; absent, Mr. Abbott, Mrs. Busey, Mr. Dunne, Mr. Meeker.

#### REAL ESTATE EXEMPTED FROM TAXATION.

(8) A letter from Dean O. A. Harker, Legal Counsel of the University, reporting the removal of certain property acquired by the University from the tax assessment roll of Champaign County.

This letter was received to be printed in the minutes:

August 1, 1914.

President Edmund J. James, University of Illinois.

In re application to have real estate removed from assessment roll.

DEAR SIR: The Champaign County Board of Review has granted the application of the Board of Trustees to have removed from the tax assessment roll the following described real estate:

Lots 3, 4, parts of lot 2, and part of lot 1 in William M. Goodwin's Addition to the city of Urbana;

Lots 4, 5, and part of lot 6 in block 6 and parts of lots 1 and 2 in block 4 in the Urbana Railroad Company's Addition to Urbana;

Part of lot 2 in block 2 in Burpee, Curtis and Somer's Addition of out lots in Urbana;

Lots 3, 5, 6, 7, 8, and 9 in block 55 in the Seminary Addition to the city of Urbana;

Block 6 of J. S. Wright's Addition to the city of Champaign;

The south 52 rods of the east  $\frac{1}{2}$ , southeast  $\frac{1}{4}$ , southeast  $\frac{1}{4}$  of section 18, township 19 north, range 9 east of the Third Principal Meridian;

The northwest  $\frac{1}{4}$ , northwest  $\frac{1}{4}$  of the southwest  $\frac{1}{4}$ , south  $\frac{1}{2}$ , of the southwest  $\frac{1}{4}$ , and the northeast  $\frac{1}{4}$  of the southwest  $\frac{1}{4}$ , of section 20, township 19 north, range 9 east of the Third Principal Meridian; and

Lot 2 of the south  $\frac{1}{2}$  of section 13, township 19 north, range 8 east of the Third Principal Meridian.

I have lodged the list of pieces of real estate furnished me by the Comptroller with the certificate of the board of review in the business office.

Sincerely yours,

O. A. HARKER, *Legal Counsel.*

#### AUTHORITY TO TELEGRAPH MONEY TO FACULTY MEMBERS IN EUROPE.

(9) A request for authority to telegraph funds to the State department, to be telegraphed to members of the faculty who are detained in Europe by war conditions, to enable them to secure passage home.

On motion of Mrs. Henrotin, this request was approved, the vote being as follows: Ayes, Mr. Blair, Mrs. Evans, Mrs. Henrotin, Mr. Hoit, Mr. Montgomery, Mr. Moore, Mr. Trevett, Miss Watson; noes, none; absent, Mr. Abbott, Mrs. Busey, Mr. Dunne, Mr. Meeker.

#### NEW SITE DESIRED FOR THE OBSERVATORY.

(10) A summary of a communication from Dr. Joel Stebbins, Professor of Astronomy and Director of the Observatory, in regard to the necessity of a new site for the Observatory.

Prof. Stebbins states that when the site set apart by the Board of Trustees for the new building for the Department of Music is occupied by a building, the possibility of carrying on scientific work on the site of the present Observatory will be very greatly impaired. He urges, therefore, that the Trustees make provision at the present time for a site to which the present Observatory can be removed or on which a new Observatory may be erected. He has looked carefully over the available sites and states that the tract of thirteen acres known as the Augustus tract, recently purchased by the University, is the most desirable site now owned by the University. This tract is located west of Lincoln Avenue and directly east of the property owned by the Mount Hope Cemetery, south of the Forestry and north of the road running along the south side of the Cemetery. Prof. Stebbins is of the opinion that a very moderate provision for the needs of the Department of Astronomy will require at least as much ground as is contained in this tract.

It is necessary to get the main Observatory away from other buildings as far as possible and yet keep the whole plant as near the center of the University complex as possible.

He requests that this assignment be made at the present time, and that he be given authority to prepare and present general plans for an astronomical plant for the consideration of the Trustees.

No action was taken with reference to this matter.

#### LAND AT SPRING VALLEY FOR AGRICULTURAL EXPERIMENTATION.

(11) A letter from Dr. Eugene Davenport, Dean of the College of Agriculture and Director of the Agricultural Experiment Station, concerning the donation from certain citizens in Spring Valley of a field of seventeen acres of land to be used for experimental purposes.

August 14, 1914.

President Edmund J. James, University of Illinois.

MY DEAR PRESIDENT JAMES: There is before the University a proposition from a certain body of citizens in Spring Valley to donate to the University under deed a tract of land, approximately 17 acres in extent, in close proximity to a local high school, to be used for experimental purposes, under the condition that when its use for this purpose is abandoned by the University for a period longer than two years it shall revert as provided in the deed. I recommend that the proposition submitted by the Spring Valley people be accepted. This recommendation is based upon the fact that the field meets the conditions needed by the University in the carrying on of its soil investigations in the State. By this I mean that we need further representative fields on this particular type of soil and in that climatic region.

I may say, in general, that it early became evident that in order to secure reliable information about the various types of Illinois soils it would be necessary to conduct actual field experiments upon all the distinct types, and in the separate climatic regions of the State. Accordingly, by rental and otherwise, such experimental fields have been conducted from the beginning, growing steadily in number, until it now reaches thirty-eight fields, which are operated at an approximate total annual cost of one thousand dollars each, from which should be deducted the receipts which in some instances will cover the entire expense, in others not.

Manifestly they serve the community excellently well as demonstration fields, and we use them also for this purpose. This fact has led to the demand for the establishment of such fields far beyond what the interests of investigation would require, and the Experiment Station recommends the acceptance of such propositions only when the field is actually needed for experimental work.

Because these experimental fields serve the locality for demonstration purposes it has been the policy to favor such propositions as were made in connection with schools. Spring Valley comes, therefore, as an exceptionally good one, and I take great pleasure in recommending its acceptance.

I may perhaps add that inasmuch as more than half the State has been surveyed the probability is that we are nearing the end as to the number of experimental fields that will need to be established, though just what that limit might be it is impossible now to say. All of this is quite independent of what might some time be done in the way of demonstration. If, under the Smith-Lever Bill, for example, it should become the policy to establish demonstration fields in every county or township in the State, that would be an entirely different proposition.

It is to be noted in this connection that the University is free at any time to discontinue these experiments, and it goes without saying that when the work of the soil survey is finished, as some day it will be, then the question is sharply up as to what extent the experimental fields of this kind shall be continued. I am not saying that they should be abandoned at once, for no doubt they should be continued for some years to come.

Very truly yours,

E. DAVENPORT, *Director.*

[The description of the land referred to in the foregoing letter is as follows: "A part of the west half of the southwest quarter of section thirty-four (34), in township sixteen (16) north, range eleven (11) east of the Fourth Principal Meridian, described as follows, to wit: Commencing at a point on the east line of the west half of the southwest quarter of said section thirty-four (34) one hundred fifty feet south of the northeast corner of the said west half of said southwest quarter section, and running thence west four hundred thirty-five and 92/100 (435.92) feet, thence south one hundred seventy-seven and 52/100 (177.52) feet, thence west one hundred thirty-three (133) feet, to a point which is three hundred twenty-seven and 52/100 (327.52) feet south of the northwest corner of Lot No. Two (2) in the southwest quarter of said section thirty-four (34), and thence south eleven hundred eighty and 61/100 (1,180.61) feet, thence east five hundred sixty-two and 92/100 (562.92) feet, and thence north to the point of beginning, containing seventeen and 93/1000 (17.093) acres, more or less; excepting and reserving, however, all of the underlying coal and fire-clay, together with the right to dig, mine, and remove the same, without entering upon or occupying any part of the surface of said premises; all of said lands being situated in the county of Bureau and State of Illinois."]

On motion of Superintendent Blair, the donation of the land described above and referred to in the foregoing letter of Dean Davenport was accepted under the conditions set forth.

#### LAND IN HENRY COUNTY FOR AGRICULTURAL EXPERIMENTATION.

(12) A similar proposition from Mr. Thomas McNamara of Kewanee, offering to the University a tract of twenty (20) acres near Kewanee in Henry County for use as an experimental farm, on the usual condition that the land is to revert to the donor in case for a period of two years it is unused by the University for experimental purposes; the said land being the north twenty (20) acres of the west half of the northwest quarter of section eighteen (18) in township fourteen (14) north, range five (5) east of the Fourth Principal Meridian.

On motion of Mr. Hoyt, it was voted to accept the land described above on the condition stated.

#### LEAVE OF ABSENCE FOR PROF. PETTIT.

(13) A recommendation from Dr. Eugene Davenport, Dean of the College of Agriculture, that Prof. J. H. Pettit, who has been ill for some time, be granted a year's leave of absence, on half pay (\$1,500), for the recovery of his health, with the understanding that his return to the University at the end of the year be conditioned upon a degree of recovery which is satisfactory to the University.

On motion of Mrs. Henrotin, this recommendation was approved.

#### ADVISORY COMMITTEE ON SOILS.

(14) The following letter from Dr. Eugene Davenport, Dean of the College of Agriculture, and Director of the Agricultural Experiment Station, with reference to the appointment of an Advisory Committee on Soils, in accordance with the plan for advisory committees recently adopted by the Board of Trustees (see Trustees' minutes, volume of 1912-1914, pages 538 and 691):

August 11, 1914.

Dr. Edmund J. James, President of the University.

MY DEAR PRESIDENT JAMES: I am in receipt of nominations from the Illinois Farmers' Institute for Soil Advisory Committees as follows:

Mr. Ralph Allen, Delavan.  
Mr. J. P. Mason, Elgin.  
Mr. C. V. Gregory, Chicago.  
Mr. F. I. Mann, Gilman.  
Mr. A. N. Abbott, Morrison.

Mr. H. E. Young, Chicago.  
Mr. E. W. Burroughs, Edwardsville.  
Mr. D. M. Marlin, Norris City.  
Mr. Frank S. Haynes, Geneseo.  
Mr. A. P. Grout, Winchester.

The first five names represent the personnel of the last committee, and my suggestion would be that those members be re-elected according to the plan adopted by the Board of Trustees, whereby one vacancy occurs each year. It would be a very great advantage if this committee could be appointed at once, because there are many questions in the soil work that ought to be discussed with this committee.

Respectfully submitted,

E. DAVENPORT, *Dean and Director.*

On motion of Dr. Montgomery, it was voted to approve Dean Davenport's recommendation in this matter, and to appoint Mr. Ralph Allen of Delavan, Mr. J. P. Mason of Elgin, Mr. C. V. Gregory of Chicago, Mr. F. I. Mann of Gilman, and Mr. A. N. Abbott of Morrison, as members of the Advisory Committee on Soils of the University of Illinois, for periods of five years, four years, three years, two years, and one year, respectively, in accordance with the plan of organization for this committee and similar committees adopted by the Board of Trustees on June 9, 1914.

#### CONSULTATION WITH PROF. MENDEL AUTHORIZED.

(15) A recommendation from Dr. Eugene Davenport, Dean of the College of Agriculture and Director of the Agricultural Experiment Station, that Dr. Lafayette B. Mendel, Professor in Yale University, be engaged to consult with the authorities of the Agricultural Experiment Station in regard to certain experiments in animal physiology which are now being made by the Department of Animal Husbandry, and that he be paid the sum of five hundred dollars (\$500) to cover his honorarium and traveling expenses on account of each consultation visit made for this purpose, it being understood that he will not make more than two visits in any one year.

On motion of Superintendent Blair, this recommendation was approved, the vote being as follows: Ayes, Mr. Blair, Mrs. Evans, Mrs. Henrotin, Mr. Hoit, Mr. Montgomery, Mr. Moore, Mr. Trevett, Miss Watson; noes, none; absent, Mr. Abbott, Mrs. Busey, Mr. Dunne, Mr. Meeker.

#### PROPOSED EMPLOYMENT OF DR. BECK.

Mr. Trevett moved that Dr. Jean B. Beck be reappointed Assistant Professor of Romance Languages, for one year beginning September 1, 1914, at a salary of twenty-five hundred dollars (\$2,500) for the year.

The Acting President of the board declared this motion out of order, as being contrary to section 5 of Article VI of the by-laws of the Board of Trustees.

On motion of Mr. Hoit, the board adjourned.

W. L. ABBOTT, *President.*

C. M. McCONN, *Secretary pro tem.*



## MEETING OF SEPTEMBER 8, 1914.

The regular quarterly meeting of the Board of Trustees of the University of Illinois was held in the Trustees' Room, at the University, in Urbana, on Tuesday, September 8, 1914, at 10.00 a. m.

There being no quorum, the board adjourned to meet at Hotel LaSalle, in the city of Chicago, on Friday, September 11, 1914, at 12.00 m.

W. L. ABBOTT, *President*.

H. E. CUNNINGHAM, *Secretary*.

## Adjourned Session, September 11, 1914.

Pursuant to the adjournment taken at the quarterly meeting of September 8, 1914, the Board of Trustees of the University of Illinois met at Hotel LaSalle, in Chicago, on Friday, September 11, 1914, beginning at 12.00 m.

The following members were present: President Abbott, Superintendent Blair, Mrs. Evans, Mrs. Henrotin, Mr. Hoit, Mr. Meeker, Mr. Moore. President James was present.

### APPROVAL OF MINUTES.

The Secretary presented the minutes of the meeting of August 14, 1914. On motion of Mrs. Evans, the minutes were approved as printed on pages 102-113 above.

### REPORTS OF THE FINANCE COMMITTEE.

Chairman Allen F. Moore presented for the Finance Committee the following reports:

#### PROPOSED AGREEMENT WITH CAPT. T. J. SMITH.

(1) The text of the proposed agreement governing the donation of certain lands in Champaign County by Capt. Thomas J. Smith to provide for a building for the School of Music:

*September 10, 1914.*

*Board of Trustees, University of Illinois, Urbana, Ill.*

DEAR SIR: The Finance Committee held a meeting in the office of Capt. J. R. Trevett on Thursday, September 10, 1914.

Present: Mr. Allen F. Moore, Chairman; Capt. J. R. Trevett, Mr. Otis W. Hoit, and President James.

The committee took up the consideration of the proposition made by Capt. Thomas J. Smith to present to the Trustees of the University of Illinois certain lands in Champaign County, from the proceeds of which a building for the use of the Department of Music might be erected on the Campus of the University of Illinois.

After consultation with Capt. Thomas J. Smith, the form of an agreement which is hereto appended was agreed to by Capt. Smith and the members of the committee.

We recommend, first, that the lands offered by Capt. Smith be accepted for the purpose indicated in the agreement. Second, that the proper officers of the board be authorized to execute the agreement relating to this matter which is hereto appended.

Signed by the members of the committee.

ALLEN F. MOORE.

O. W. HOIT.

J. R. TREVETT.

PROPOSED AGREEMENT BETWEEN THE TRUSTEES OF THE UNIVERSITY OF ILLINOIS AND CAPT. THOMAS J. SMITH OF CHAMPAIGN, ILL. IN THE MATTER OF THE ERECTION OF A BUILDING FOR THE MUSIC DEPARTMENTS OF THE UNIVERSITY.

This indenture made this ..... day of ..... in the year of our Lord One Thousand Nine Hundred and Fourteen, between Thomas J. Smith of Champaign County, State of Illinois, party of the first part, and the Board of Trustees of the University of Illinois, a corporation existing under and by virtue of the laws of the State of Illinois, party of the second part, Witnesseth:

## I.

That, whereas the said Thomas J. Smith desires to make a free and voluntary contribution to be used in the erection of a building for the Departments of Music of the University of Illinois, and for that purpose has proposed to grant and convey to the party of the second part the following described real estate, situated in the county of Champaign, State of Illinois:

1. The southwest quarter and the west half of the southeast quarter of section twenty-six (26), township twenty (20), range ten (10) east of the Third Principal Meridian, being two hundred and forty (240) acres more or less.

2. All that part of the north half of section twenty-three (23), township twenty-two (22) north, range nine (9) east of the Third Principal Meridian, which lies west of the Illinois Central right of way, being two hundred and fourteen (214) acres, more or less.

3. The northwest quarter and south half of the northeast quarter of section thirty-one (31), township twenty-two (22) north, range eight (8), east of the Third Principal Meridian, less the Illinois Central right of way, being two hundred and forty (240) acres more or less.

4. The east half of the southwest quarter of section fourteen (14), township nineteen (19), range eight (8), east of the Third Principal Meridian, being eighty (80) acres more or less; and

## II.

WHEREAS, The party of the second part desires to accept such voluntary contribution, and a conveyance to it of said lands; and

## III.

WHEREAS, There is urgent need of a building for the Music Departments of the University of Illinois to be erected at a cost of not less than two hundred and fifteen thousand (\$215,000) dollars; Witnesseth

1. That the party of the first part will immediately on the signing and delivery of this instrument in duplicate, convey by good and sufficient warranty deed to the party of the second part, all the lands above described, reserving the right of possession therein until the 1st day of March, 1915.

2. That the party of the second part will, on the delivery of said deed, instruct its Supervising Architect to draw plans and specifications for a building for the use of the Music Departments of the University of Illinois at a cost of not less than two hundred and fifteen thousand (\$215,000) dollars.

3. That the party of the second part will cause to be erected on the Campus of said University such a building, in accordance with such plans and specifications, as soon as feasible.

4. That the party of the second part in consideration of such contribution will cause to be paid to the party of the first part, in the nature of an annuity, on the 1st day of September, 1915, the sum of three thousand two hundred and twenty-five (\$3,225) dollars, and a like sum on the 1st days of March and September of each year thereafter during his natural life, and will pay to his executor or administrator for the six months immediately following the death of the party of the first part, a like sum of money.

5. That the party of the second part, in further consideration of such contribution, will grant annually in the University of Illinois four (4) free scholarships in the Music Departments for young women who may seek a musical education, but who are unable to pay the customary charges for instruction in music. The scholarships to be assigned by way of preference to candidates from Champaign County. In case there are no candidates from said county, they may be assigned to young women from other counties in Illinois.

In witness whereof, the party of the first part has hereto attached his signature, and the undersigned officers of the party of the second part, authorized by resolution of their Board of Trustees, have hereunto attached their signatures as official representatives of the party of the second part, at the city of Urbana, State of Illinois, on the ..... day of ....., 1914.

..... (SEAL)  
*Party of the first part.*

.....  
*President of the Board of Trustees of the University of Illinois.*

.....  
*Secretary of the Board of Trustees of the University of Illinois.*

.....  
*Party of the second part.*

On motion of Mr. Meeker, it was voted to adopt the agreement proposed by Capt. Smith, and the President and the Secretary of the Board of Trustees were authorized to sign the agreement on the part of the University.\* The

\* At the request of President James, the Secretary of the board presented to Capt. Smith the agreement signed by the proper officers of the board. Capt. Smith signed the agreement on September 14 and delivered the deed, properly drawn, signed, and attested, to the Secretary on September 17. The Secretary filed the instrument for record in the Recorder's Office of Champaign County on the same day and received a certificate showing that it was recorded in book 158 of deeds on page 299. The following is a copy of the deed.

## (COPY)

THIS INDENTURE WITNESSETH, that the Grantor, Thomas J. Smith, a widower, of the city of Champaign, in the county of Champaign, and State of Illinois, for and in consideration of the sum of one dollar in hand paid, and other good and valuable consideration,

CONVEYS AND WARRANTS to the Board of Trustees of the University of Illinois, of the county of Champaign and State of Illinois, the following described real estate, to wit:

The southwest quarter of the west half of the southeast quarter of section twenty-six (26), township twenty (20), range ten (10) east of the Third Principal Meridian, all that part of the north half of section twenty-three (23), township twenty-two (22) north, range nine (9) east of the Third Principal Meridian,

vote was as follows: Ayes, Mr. Abbott, Mr. Blair, Mrs. Evans, Mrs. Henrotin, Mr. Hoit, Mr. Meeker, Mr. Moore; noes, none; absent, Mrs. Busey, Mr. Dunne, Mr. Montgomery, Mr. Trevett, Miss Watson.

#### SALE OF ACRE PROPERTY IN CHICAGO.

(2) A report recommending the sale of the acre property belonging to the University and situated between Forty-seventh and Forty-eighth Streets in Chicago. (See page 107.)

*To the Board of Trustees, University of Illinois, Urbana, Ill.*

GENTLEMEN: The Finance Committee held a meeting in the office of Capt. J. R. Trevett Thursday morning, September 10, 1914.

Present: Mr. Allen F. Moore, Chairman; Capt. J. R. Trevett, Mr. Otis W. Hoit, President James.

The committee took up the consideration of the matter referred to them by the Board of Trustees relating to the desirability of selling the acre property belonging to the University of Illinois, lying between Forty-seventh and Forty-eighth Streets in the city of Chicago and adjoining Fairfield Avenue.

Mr. Martin Griglak, 1903 West Forty-seventh Street, Chicago, has made an offer of \$3,000 for the entire tract.

This land came to the University at the time the latter took over the Illinois College of Pharmacy and has been held since that time. Mr. W. B. Day, Actuary of the School of Pharmacy, is of the opinion that it would be desirable to accept the offer of Mr. Griglak.

Mr. W. L. Abbott, President of the board, is also of the opinion that the board should consider offering the lot for sale at a price which real estate experts would consider to be reasonable. In his opinion the property is not immediately desirable, and it offers very little promise for the near future. If Fairfield Avenue is cut through, a proposition to which the University has given its consent, special assessments will probably be levied in the near future amounting to three or four thousand dollars.

After full consideration of the matter, the committee voted to recommend to the Board of Trustees that the lot of land owned by the University of Illinois between Forty-seventh and Forty-eighth Streets and between Rockwell Street and California Avenue in the city of Chicago be sold at a price not less than \$3,000.

ALLEN F. MOORE.

O. W. HOIT.

On motion of Mr. Moore, the recommendation of the Finance Committee was adopted. The vote was as follows: Ayes, Mr. Abbott, Mr. Blair, Mrs. Evans, Mrs. Henrotin, Mr. Hoit, Mr. Meeker, Mr. Moore; noes, none; absent, Mrs. Busey, Mr. Dunne, Mr. Montgomery, Mr. Trevett, Miss Watson.

#### TREASURER'S REPORT.

(3) The report of Mr. M. W. Busey, Treasurer, for the quarter ending June 30, 1914.

This report was received for record.

M. W. BUSEY, TREASURER, IN ACCOUNT WITH THE UNIVERSITY OF ILLINOIS, FOR THE QUARTER ENDING JUNE 30, 1914.

1914		Dr.	
Apr.	1	Balance on hand—	
		General fund .....	\$289,472 69
		College of Medicine Fund.....	37,481 78
		Agricultural Experiment Station Fund.....	2,234 55
		School of Pharmacy Fund.....	18,737 78
			<hr/>
			\$347,926 80
Apr.		Received from O. E. Staples, Bursar, for credit of general fund.....	\$12,459 94
		Plym Traveling Fellowship.....	1,000 00
May		Received from O. E. Staples, Bursar, for credit of general fund.....	13,348 27
June		Received from O. E. Staples, Bursar, for credit of general fund.....	31,472 17

which lies west of the Illinois Central right of way, the northwest quarter and south half of the northeast quarter of section thirty-one (31), township twenty-two (22) north, range eight (8), east of the third Principal Meridian, less the Illinois Central right of way, and the east half of the southwest quarter of section fourteen (14), township nineteen (19), range eight (8), east of the Third Principal Meridian, subject to tenants' leases, situated in the county of Champaign in the State of Illinois, hereby releasing and waiving all rights under and by virtue of the Homestead Exemption Laws of this State of Illinois.

Dated, This 17th day of September, A. D. 1914.

THOMAS J. SMITH. [SEAL]

Attest:

L. A. BOICE

STATE OF ILLINOIS  
COUNTY OF CHAMPAIGN } ss.

I, Peter P. Schaefer, a notary public in and for said county, in the State aforesaid, Do hereby certify that Thomas J. Smith, a widower, personally known to me to be the same person whose name is subscribed to the foregoing instrument, appeared before me this day in person and acknowledged that he signed, sealed, and delivered the said instrument as his free and voluntary act, for the uses and purposes therein set forth, including the release and waiver of the right of homestead.

Given under my hand and notarial seal, this 17th day of September, A. D. 1914.

[SEAL]

PETER P. SCHAEFER, Notary Public.

M. W. BUSEY, TREASURER, IN ACCOUNT WITH THE UNIVERSITY—Concluded.

1914	<i>Dr.</i>		
Apr.	Received from United States Treasurer for credit of Agricultural Experiment Station Fund .....	\$7,500 00	
May	Credit to general fund in error—should have been credited to Agricultural Experiment Station Fund .....	57 00	
Apr.	Received from J. S. Tomlinson, Actuary, for credit of School of Medicine Fund, also for School of Dentistry .....	2,514 35	
May	Received from J. S. Tomlinson, Actuary, for credit of School of Medicine Fund, also for School of Dentistry .....	4,415 35	
June	Received from J. S. Tomlinson, Actuary, for credit of School of Medicine Fund, also for School of Dentistry .....	2,034 84	
Apr.	Received from W. B. Day, Actuary, for credit of School of Pharmacy Fund .....	568 08	
May	Received from W. B. Day, Actuary, for credit of School of Pharmacy Fund .....	177 40	
June	Received from W. B. Day, Actuary, for credit of School of Pharmacy Fund .....	114 17	
			\$75,661 57
			<hr/> \$423,588 37
1914	<i>Cr.</i>		
June 30	Paid out of general fund .....	\$181,935 90	
	Paid out of Agricultural Experiment Station Fund .....	7,239 38	
	Paid out of College of Medicine Fund .....	20,796 19	
	Paid out of School of Pharmacy Fund .....	2,564 60	
			212,536 07
	Balances—		
	General fund .....	\$165,817 17	
	College of Medicine Fund .....	25,650 13	
	Agricultural Experiment Station Fund .....	2,552 17	
	School of Pharmacy Fund .....	17,032 83	
			211,052 30
			<hr/> \$423,588 37

Respectfully submitted,

M. W. BUSEY, *Treasurer.*

#### AUDIT REPORT.

(4) The report of the United States Audit Company covering the accounts of the University for the quarter ending June 30, 1914.

This report was received for record.

*August 11, 1914.*

*Hon. Allen F. Moore, Chairman Finance Committee, Board of Trustees, University of Illinois, Monticello, Ill.*

DEAR SIR: Following your instructions, we have audited the books and accounts of the University of Illinois for the fourth quarter of the fiscal year ended June 30, 1914.

As a result of our examination, we find the following over-drafts on appropriations of the budget approved by the Board of Trustees:

Land and land improvement—		College of Liberal Arts and Sciences—Concluded.	
Campus lighting .....	\$ 704 56	Romance Languages .....	\$ 3 04
Pavements and walks .....	639 54	Zoology .....	31 89
Buildings—		Classical Museum .....	174 02
Gymnasium improvements .....	13 01	Agricultural College—	
Library stacks addition .....	13,561 14	Horticulture .....	1,840 20
Physical plant extension—		Agricultural Experiment Station—	
Heating and lighting plant .....	1,325 43	Dairy .....	545 65
Tunnel extension .....	95 69	Horticulture .....	310 27
Operation and maintenance .....	1,186 36	Engineering College—	
Administration and general—		Administration .....	208 08
Business office .....	49 03	Architecture .....	22 18
Registrar's office .....	194 69	Electrical Engineering .....	193 46
General departments and expenses—		General Engineering Drawing .....	12 60
Library additions .....	6,744 70	Mechanical Engineering .....	189 31
Military .....	3 25	Physics .....	184 61
Gregory Memorial .....	41 50	Theoretical and Applied Mechanics .....	20 65
College of Liberal Arts and Sciences—		Engineering Experiment Station—	
Administration .....	9 86	Civil Engineering .....	24
Ceramics .....	75 61	Theoretical and Applied Mechanics .....	39 00
Classics .....	1 07	Cooperative mines investigation .....	92 82
Entomology .....	9 11		
History .....	3 10		
Mathematics .....	33 80		
Physiology .....	20 50		

## AUDIT REPORT—Concluded.

Library equipment—		Other schools and depart-	
Unassigned .....	\$ 2,390 23	ments—	
College of Medicine and Den-		Law Library .....	\$ 68 29
tistry—		Library School expense...	81 78
Laboratory stores .....	1,903 41	Trust Fund—B'nai B'rith.	30 37
Mortgage .....	10,000 00	Stores—	
Administration .....	956 96	Office supplies .....	1,806 87
		Postage .....	861 00
		Petty cash .....	5,850 00

We are sending you herewith a copy of the report prepared by the Comptroller of the University, Mr. George E. Frazer, covering the quarter under audit.\*

We have verified the cash receipts, disbursements, and cash balances (including petty funds) at June 30, 1914; the reconciliations between the accounts of the business office and the accounts of the University Treasurer and of the State Auditor of Public Accounts; and the appropriation balances of the budget of the Board of Trustees at June 30, 1914.

Subject to the foregoing, therefore,

WE HEREBY CERTIFY that the various schedules as contained in the report of the Comptroller correctly set forth the transactions of the quarter ended June 30, 1914, and that they are in accordance with the books.

Yours very truly,

UNITED STATES AUDIT CO.,

W. B. FLERSHEM, *Certified Public Accountant.*

## MATTERS PRESENTED BY THE PRESIDENT OF THE UNIVERSITY.

President James presented the following matters for consideration:

## TRUSTEESHIP OF ILLINOIS WOMAN'S COLLEGE.

(1) A statement concerning the acceptance of an appointment as Trustee of Illinois Woman's College.

I have been asked by the Trustees of the Illinois Woman's College at Jacksonville, Ill., to serve as a member of their board.

I have not felt at liberty to accept such appointments without consent of the Board of Trustees of the University of Illinois. I should be glad to know therefore if there is any objection to my accepting such an appointment. My father was one of the first trustees of the institution, and I have a personal reason therefor for desiring to accept the appointment, if there be no objection on the part of this board.

No action was taken in answer to this statement, but the sentiment of the board seemed to be entirely unanimous that it would be perfectly proper for the President to accept such appointment.

## REGISTRATION IN THE SUMMER SESSION.

(2) A letter from C. M. McConn, Registrar of the University, reporting the statistics of registration in the Summer Session:

August 29, 1914.

Dr. Edmund J. James, President.

DEAR MR. PRESIDENT: The final registration in the Summer Session which ended on August 14, 1914, was:

Men, 589; women, 349; total, 938.

I add for comparison the figures for the past five years:

	Men.	Women.	Total.
1909 .....	456	175	631
1910 .....	463	214	677
1911 .....	417	230	647
1912 .....	430	210	640
1913 .....	441	272	713
1914 .....	589	349	938

I have analyzed the figures for the current year to show the basis of admission of the students enrolled in the Session:

	Men.	Women.	Total.
Able to matriculate .....	411	203	619
Admitted as conditioned freshmen with 13 to 14½ units....	36	31	67
Admitted as special students (over 21 years of age) .....	142	108	250
Teachers not able to enter in any one of the above three ways admitted to courses which do not carry University credit .....	...	2	2
	589	349	938

Another analysis shows the proportion of the students of the Session of 1914 who have attended former Winter Sessions as compared with those who have attended in the Summer only:

	Men.	Women.	Total.
Students who have attended former Winter Sessions.....	377	155	532
Students who have attended in the Summer only.....	212	194	406

I am sending a copy of this letter to Dr. Bagley for his information.

Very respectfully yours,

C. M. McCONN, Registrar.

This report was received for record.

\*For the report of the Comptroller for this quarter, see page 84.

### FIELDS FOR AGRICULTURAL EXPERIMENTATION.

(3) A list of agronomy experiment fields which have been donated to the University for the purpose of soil experimentation.

On the recommendation of President James and on motion of Mrs. Henriotin, it was voted to accept these fields and to authorize the Director of the Agricultural Experiment Station to conduct experiments upon them.

### CURRICULUM OF THE COLLEGE OF MEDICINE.

(4) A report of the Committee on Curriculum of the College of Medicine.

In November, 1913, I appointed a committee of the faculty of the College of Medicine to draft a curriculum for the College of Medicine. This committee made its report, after long deliberation and careful consideration, which was approved by the Medical Faculty after full discussion, with certain amendments. I am submitting the amended report with a recommendation that it be approved.

### REPORT OF THE COMMITTEE ON CURRICULUM OF THE COLLEGE OF MEDICINE.

*Dr. Edmund Janes James, President, University of Illinois, Urbana, Ill.*

SIR: The Committee on Curriculum appointed by you in November last has the honor to submit the following report:

The committee held its first meeting on November 21, 1913, and since then has held weekly meetings (except during the holidays). After extended discussion, the following plan was decided upon:

*First*—That twelve of the leading and representative medical colleges in the United States be selected for purposes of extended analysis. Those selected were:

Johns Hopkins.	University of Pennsylvania.
Columbia.	Western Reserve.
Cornell.	University of Michigan.
University of Minnesota.	Rush Medical College.
Harvard.	Northwestern University.
Leland Stanford.	University of Wisconsin.

*Second*—In addition to the above, the model curriculum of the Council on Medical Education of the A. M. A. was selected as a further basis for comparison. For the purpose of uniformity of tabulation, it was decided to make the analysis of the twelve above mentioned curricula in accordance with the outline used in the model curriculum of the American Medical Association.

*Third*—The twelve colleges were divided equally among the six members of the committee, and each member was instructed to prepare an analysis of the two institutions assigned to him, and to report at the next meeting.

Your committee respectfully calls attention to the fact that the recommendations made below are in no sense either untried or lacking in adequate endorsement. On the contrary, they represent, as nearly as your committee is able to judge, the consensus of practice in the institutions named, modified by the suggestions of the model curriculum. The Carnegie educational reports have also been carefully considered.

In the tabulation of the various schools and in the curriculum suggested by your committee it is assumed that the collegiate year consists of thirty-two net weeks of study.

#### I.

Recommended that all the work of the general curriculum be obligatory, and that the total number of hours required shall be approximately four thousand.

#### II.

Recommended that these hours be distributed as follows:

	Hours.
Bacteriology .....	160
Pathology (independent of Autopsies)* .....	256
Materia Medica, Toxicology, Pharmacology and Therapeutics .....	256
Anatomy .....	700
Physiology and Chemistry inclusive .....	528
Medicine, including Neurology, Psychiatry, Pediatrics, and Roentgenography ..	900
Neurology and Psychiatry 128 hours, 24 to be devoted to Psychiatry.	
Pediatrics .....	128
Roentgenography .....	4
Obstetrics and Gynecology, exclusive of Maternity work* .....	300
Obstetrics .....	200
Gynecology .....	100
Twelve cases in Maternity work to be considered as a minimum.	
Surgery and Surgical specialties not including Eye, Ear, Nose and Throat ...	600
Dermatology .....	90
Ophthalmology .....	60
Ear, Nose, Throat .....	60
Hygiene and Medical Jurisprudence .....	100
Total .....	4,010

The above hours include didactic, laboratory, clinical and dispensary hours, i. e., all work given in the branches of study in question.

\* It will be noted that the four thousand ten hours do not include either obstetric cases or autopsies, since the number of these cannot be ascertained with accuracy. This is in accord with the practise in most institutions.

## III.

Recommended that in addition to the above required work, a student, after his first year in this college, may, under proper safeguards, be allowed to take sixty-four additional hours of elective work in each year, and no more. This elective work may not be taken in more than two departments. For these elective courses no credit shall be allowed.

Inasmuch as under this plan no electives will be given in the Freshman year, the total number of hours of elective work possible for a student to take would be one hundred ninety-two, and this added to four thousand hours of required work gives a total of four thousand one hundred ninety-two, as the maximum number of hours which a student may be permitted to take, and amounting to thirty-three hours a week for thirty-two weeks each year.

## IV.

Recommended that diseases of the chest and physical diagnosis, now taught as separate sub-departments in our College, be made a part of the general course in medicine, in accordance with the recommendations of the model curriculum and the general practice in other colleges.

## V.

Recommended that the teaching of Roentgenography be given under the Department of Medicine.

## VI.

Recommended that, whenever possible, the various departments shall so organize their work that the didactic instruction should not consume more than one-third of the total number of hours allotted to that subject, the remaining two-thirds being given over to clinical instruction, seminar work, demonstrations, laboratory work and exercises of a practical nature.

## VII.

## DISPENSARY.

(a) Recommended that dispensary instruction be given in both the Senior and Junior years.

(b) Recommended that the subjects of Medicine, Surgery, Orthopedics, Laryngology, Genito-Urinary diseases be given in the Junior year.

(c) Recommended that the subjects of Pediatrics, Dermatology, Neurology, Ophthalmology, Gynecology be taught in the Senior year.

(d) Recommended that the hours of the Dispensary be from 2.00 to 4.00 p. m. daily.

(e) Recommended that the period of dispensary instruction be two hours daily in the larger departments and one hour daily in the smaller departments.

(f) Recommended that for Dispensary purposes the class be divided into two sections, one section being in the Dispensary on Monday, Wednesday and Friday, and the other on Tuesday, Thursday and Saturday, and reversing the days in the Second Semester.

(g) Recommended that each department give a three weeks' service in each semester.

## VIII.

## SUMMER TERM.

(a) Recommended that a summer course be given to the incoming Senior Class, and to this class alone.

(b) Recommended that only such students be admitted to the summer term as may have maintained a scholarship average of eighty in the first two years.

## IX.

## EXTERNE SERVICE.

(a) Recommended that the college establish an Externe service in such hospitals as may, in the judgment of the faculty, permit direct supervision of the student's work by one or more members of the faculty.

This service is planned for that portion of the incoming Senior class whose members are studious, as demonstrated by their past scholarship record, and dependable, as indicated by their past record of attendance. It is therefore

(b) Recommended that only students who have taken the summer term, and who have maintained a scholarship average of eighty, and an attendance record of ninety up to the beginning of their Senior year, shall be admitted to this Externe service.

The student must have finished the Freshman, Sophomore, and Junior years and also about 380 hours of the Senior year which he may have completed during the Summer course. He will be required to do about 480 hours of the regularly scheduled Senior work at the college during the afternoon, making approximately 860 hours of Senior work. He will thus have completed his entire Senior work with the exception of about 200 hours.

In place of these hours, students who have complied with the above requirements will have the privilege of engaging in actual clinical work at various hospitals, four hours each day, or 768 hours during the 32 weeks of the Senior year.

Groups of students will be assigned to different hospitals in rotation for fixed periods of time.

The summer work can be so arranged that these students can give the entire morning to this work.

Each student's attendance will be systematically recorded and absences will be treated precisely as they would be were the students to absent himself from the regular classes.

## X.

## RECOMMENDATIONS FOR GRADING OF STUDENTS.

Definitions—Condition—60-70. Failure—below 60.

1. A student must receive a grade of 70 per cent to pass. If he falls below 70, but receives 60 or more, he may have one re-examination at the time specified for such re-examination, but at no other time. If he receives a grade of below 60 per cent, he must repeat the course of instruction in that subject.

2. No collegiate condition may be carried into the Sophomore year.

3. No Freshman condition may be carried into the Junior year.

4. No Sophomore condition may be carried into the Senior year.

5. No Junior condition may be carried into the second half of the Senior year.

6. No student may be a candidate for graduation who has conditions in subjects, the time of presentation of which amounts to more than 96 hours.

7. For students conditioned in the Freshman, Sophomore and Junior years, re-examinations will be held during the week prior to the opening of the next collegiate year. Students who fail in the re-examination in subjects given in the first Semester of the Senior year, totalling more than 48 hours, will not be permitted to go on with the work of the second Semester, but must repeat the subjects the following year. Such re-examinations will be held at a date not later than two weeks from the original examination.

8. There shall be a general examination held at the end of each semester, and each student shall be given a grade in each subject taken, whether didactic, clinical or laboratory, and whether the subject runs through the year or not.

9. A week shall be set apart at the end of the first semester, devoted exclusively to the mid-year examinations.

10. A standing faculty committee of five, composed of the Dean, and one representative from the instructional staff of each class may hear appeals, if in the judgment of the Dean there is substantial ground for such appeal. Their decision is to be final.

11. A student who has any failures standing against him may not be advanced to the next year without the permission of the committee.

Respectfully submitted,

C. S. BACON.

GEO. P. DREYER.

A. C. EYCLESHYMER.

A. J. OCHNER.

WM. ALLEN PUSEY.

CHARLES SPENCER WILLIAMSON, *Chairman*.

## APPENDIX.

## MICROSCOPES.

Recommended that each student be required to have an individual microscope and that he be strongly urged to purchase it at the beginning of his Freshman year. The college will rent to students who do not purchase instruments, suitable instruments at a total rental of forty dollars, payable ten dollars per year in advance. If, at the end of four years, the student wishes to purchase the microscope, he may do so by paying the difference between forty dollars and the cost price. Each student will be required to furnish a suitable bond for the proper return of the instrument in good condition. Any injury above the ordinary wear and tear will be charged for at the actual cost of repair. The student will be given complete charge of the microscope during his entire college course.

Respectfully submitted,

CHARLES SPENCER WILLIAMSON, *Chairman*.

On the recommendation of President James and on motion of Mrs. Hentotin, the curriculum was adopted as printed above.

## ADVANCED STANDING, COLLEGE OF MEDICINE.

(5) A formulation of the conditions on which advanced standing may be granted to students who enter the College of Medicine from other medical schools:

The University will accept scholarship and time credits for work done in medical colleges having standards equal to those of the College of Medicine of the University of Illinois, in so far as this work coincides with or is the full equivalent of the courses prescribed by the University.

Students presenting credentials from such medical colleges will be exempt from examination in so far as the credentials cover the work of the year or years for which the applicant seeks to be credited. Every such student must present a letter of honorable dismissal from and be eligible for promotion in the college in which he has pursued his medical studies and must comply with the requirements for such promotion in this institution.

On the recommendation of President James and on motion of Superintendent Blair, the requirements were adopted as printed above.

## ASSIGNMENT OF LAND ON SOUTH FARM.

(6) A letter from Prof. J. M. White, Supervising Architect, concerning the location of a feeding plant and a reassignment of space among various interests on the South Farm:

URBANA, ILL., September 10, 1914.

President E. J. James, University of Illinois.

DEAR SIR: If the Animal Husbandry feeding plant is to be started this year, the location should be decided upon and I think all are agreed that the best location for it is on the northwest corner of the golf course.



This raises the question of the enlargement of the course, the consideration of which was referred to the Buildings and Grounds Committee for a report. We have for some time been considering the advisability of a reassignment of space on the South Farm in order to group the general buildings at a point as near the north Campus as possible. It seems that this can be best accomplished by extending Sixth Street through our property across the Cemetery to a point on the golf course about as indicated by the accompanying sketch, which also shows an east and west drive winding from a point near the present sheep barn to Lincoln Avenue. In locating this drive the object has been to make it possible to view all of the University South Farm activities by driving along it.

This is looking a good way into the future but the plan seems to meet with definite enough approval to begin working towards it. The suggestion is that the golf course be moved east so as to occupy practically the entire area bounded by the Sixth Street extension, the new drive, and the Cemetery, which will give an area of about seventy-five acres. This land cannot be immediately available but probably at least forty acres of it could be put into grass this fall and be available for golf within two years.

The feeding plant, if it should be started immediately on the site suggested, would probably have to have about five acres of land. This would temporarily cramp the golf course, but it does not seem possible to change to a new location without some inconvenience to all concerned. Without having the whole question discussed at the board meeting it has not seemed wise to investigate the possibility of extending Sixth Street across the Cemetery, but there is now a driveway through the Cemetery corresponding to the west half of Sixth Street and I hope that a lease can be obtained from the Cemetery Association.

There are some other problems connected with the project which it will take some little time to work out. The question should not be gone into without some assurance that the Board of Trustees will look favorably on the project. If you deem it feasible to start the feeding plant this fall, I suggest that you ask the board to set aside a location on the northwest corner of the golf course, conditioned upon the feasibility of the rest of the scheme outlined above and its acceptability to all parties concerned—with the understanding that it will probably require ten years to accomplish the scheme.

Yours truly,

JAMES M. WHITE.

On the recommendation of President James and on motion of Superintendent Blair, this matter was referred to the combined Committees on Agriculture and Buildings and Grounds for consideration and report.

#### SALE OF HOUSES ON ENGINEERING TRACT.

(7) A letter from Prof. J. M. White, Supervising Architect, concerning the sale of houses on the lots east of the Engineering Buildings and the temporary use of the land for additional tennis courts:

URBANA, ILL., September 10, 1914.

*President E. J. James, University of Illinois.*

DEAR SIR: In connection with the excavation for our new buildings we are securing some good clay for the construction of tennis courts. At the present time we also have a surplus supply of cinders for which we must find a place. This suggests the advisability of constructing more tennis courts, and the most desirable location is on the ground east of Goodwin Avenue purchased last summer. This is desirable because of its proximity to the Gymnasium and because the space it is proposed to use will probably not be required for any permanent buildings within the next five or six years.

The space suggested is that fronting on the street car right of way between the Gilbert property and Harvey Street, which gives room for five tennis courts, allowing 36 feet by 100 feet for each. Two more can be put in back of the Hull property to the south. There are three houses now on this site, two of which are bringing us in \$18 a month, the third being occupied by Shorty Fay. One of these houses is in very fair condition. The other two are not creditable properties for us to retain. We probably can sell these houses for at least \$400 and I expect to have bids in on them today.

The ground is below the street car level, and will require some filling for whatever purposes we need it. In connection with the construction of tennis courts we will make an average fill of about fifteen inches. The hauling of cinders and clay can be done now without any additional cost but after that is done the under-draining, rolling, and setting of back nets will probably involve a total expense of \$600 for the seven courts. I do not see that we can meet this expense before next summer, but it may be that the Athletic Association can do something in the meantime. In any event I think it is worth while to make a start on these courts and I should like authority to proceed.

Yours very truly,

JAMES M. WHITE, *Supervising Architect.*

On the recommendation of President James and on motion of Mr. Hoyt, the Supervising Architect was authorized to sell the houses and to cart in clay and cinders for the construction of tennis courts.

#### SALARY BUDGET, SUPERVISING ARCHITECT'S OFFICE.

(8) A letter from Prof. J. M. White, Supervising Architect, concerning the salary budget of his office:

URBANA, ILL., September 10, 1914.

*President E. J. James, University of Illinois.*

DEAR SIR: I enclose herewith a list of appointments which should be made on my office staff for the coming year, showing also how the salaries are to be

charged. All of the persons mentioned on the list with the exception of the three in the center of the sheet marked "previously appointed" should be appointed new. This list includes all of the persons who are not paid from the appropriation for labor.

This makes a salary schedule of \$24,150 for my own office of which \$6,780 is chargeable to operation and \$17,370 to extension. The salary schedule including the office of Superintendent of Buildings and Grounds is \$8,740, of which \$6,580 is chargeable to operation and \$2,160 to extension. The salary of all persons listed on the enclosed sheet aggregate \$32,890, of which \$13,360 is chargeable to operation and \$19,530 to extension.

Yours truly,

JAMES M. WHITE, *Supervising Architect.*

SUPERVISING ARCHITECT'S OFFICE APPOINTMENTS TO DATE FROM SEPT. 1, 1914.

Names.	Title.	Salary.		How charged.
		Present.	Proposed.	
H. D. Oberdorfer.....	No change .....	\$2,500	\$2,500	$\frac{1}{2}$ Operation.
Geo. B. Rice.....	do .....	3,000	3,000	$\frac{1}{2}$ Extension.
—, in place of Miss Peel .....	Clerk and Steno- grapher.....	900	900	Operation.
Cevilla Carothers.....	Clerk.....	25c an hr.	630	Operation.
L. J. Towne.....	No change .....	2,100	2,400	Extension.
G. E. Wright.....	do .....	1,500	1,680	Extension.
*Wm. H. Boyer.....	Engineer.....	40c an hr.	1,140	Extension.
*L. C. Bernard.....	Draftsman.....	35c an hr.	800	Extension.
PREVIOUSLY APPOINTED,				
James M. White.....	Supervising Arch- itect.....		5,000	$\frac{1}{2}$ Operation. $\frac{1}{2}$ Extension.
E. R. Math.....	Superintendent.....		1,600	Extension.
R. L. Kelley.....	Draftsman.....		1,500	Extension.
Other help by the hour, estimated.....			3,000	Extension.
Total.....			\$24,150	
			\$ 6,780	Operation.
			17,370	Extension.
Total .....			\$24,150	

\* Appointments to be made for such part of a year as their services are needed.

OTHER EXTENSION AND OPERATION APPOINTMENTS TO DATE FROM SEPT. 1, 1914.

Names.	Title.	Salary.		How charged.
		Present.	Proposed.	
J. A. Morrow.....	No change .....	\$2,000	\$2,000	Operation.
C. E. Atkinson.....	do .....	1,700	1,700	Operation.
T. J. Showers.....	do .....	1,500	1,500	$\frac{1}{2}$ Operation.
C. H. Haven.....	do .....	1,440	1,500	$\frac{1}{2}$ Extension.
M. W. Murphy.....	do .....	1,320	1,320	
Ruth Murphey.....	Stenographer in Superin- tendent of Buildings office.....	29c an hr.	720	Operation.
Total. ....			\$8,740	
			\$6,580	Operation.
			2,160	Extension.
Total .....			\$8,740	

On motion of Mrs. Evans, President James was given authority to approve this schedule within the appropriation carried in the annual budget.

SCHOOL OF PHARMACY LEASE.

(9) A letter from the Comptroller concerning the lease on the buildings occupied by the School of Pharmacy:

September 10, 1914.

*President Edmund J. James, University of Illinois.*

DEAR SIR: At a meeting of the Board of Trustees held on July 11, 1914, "the Comptroller was authorized to take a lease on the building occupied by the School of Pharmacy for two years from April 30, 1915, at the present rental of six thousand dollars per year, with the condition that the University may give up the property at the end of one year from April 30, 1915, upon payment of one thousand dollars to make the annual rental seven thousand dollars for the year ending April 30, 1916."

Under this authority of the Board of Trustees, I have signed a lease on behalf of the Board of Trustees for the present quarters of the School of Pharmacy (three and one-half upper floors of the building at the northwest corner of Twelfth Street and Michigan Avenue, with entrance from Twelfth Street) for the two years from May 1, 1915, to April 30, 1917, at a rental of five hundred dollars per month (six thousand dollars per year). The lease provides that the Board of Trustees shall have the privilege of terminating the lease at the end of the first year, April 30, 1916, by giving the owners four months' previous notice in writing of its intention so to do. There is to be no additional payment if the lease is terminated at the end of the first year.

Very truly yours,

GEORGE E. FRAZER, *Comptroller.*

Attention is called to the fact that the Comptroller secured better terms than we had hoped to do. I think he deserves credit for this successful negotiation.

This report was received for record.

#### ADVISORY COMMITTEES, COLLEGE OF AGRICULTURE.

(10) A communication from Dr. Eugene Davenport, Dean of the College of Agriculture, nominating the following Advisory Committees for the College of Agriculture:

##### *Dairy Husbandry.*

Charles Foss, Cedarville.  
Joseph Newman, Elgin.  
R. B. Swift, Libertyville.  
F. G. Austin, Effingham.  
J. P. Mason, Elgin.

##### *Floriculture.*

H. E. Smith, Danville.  
J. C. Vaughan, Chicago.  
W. N. Rudd, Morgan Park.  
F. L. Washburn, Bloomington.  
J. F. Ammann, Edwardsville.

##### *Horticulture.*

J. Mack Tanner, Flora.  
H. A. Aldrich, Neoga.  
H. M. Dunlap, Savoy.  
August Geweke, Des Plaines.  
W. S. Perrine, Centralia.

##### *Farm Crops.*

Charles Rowe, Jacksonville.  
A. A. Hill, Casner.  
A. C. Rice, Jacksonville.  
H. J. Sconce, Sidell.

I have not yet received nominations from the Live Stock Breeders' Association. With this exception, and the one yet to be chosen for the Crop Committee, the list is now complete.

On the recommendation of President James and on motion of Mrs. Hentrotin, the committees were appointed as nominated above.

#### ACTIVITIES UNDER THE LEVER BILL.

(11) A recommendation from the Dean of the College of Agriculture and Director of the Agricultural Experiment Station relating to the completion of the organization and the proposed projects for work under the Lever Bill.

An agent of the Department of Agriculture visited the University a few days ago for the double purpose of discussing projects under the Lever Bill and the methods of procedure in our cooperative work with the department. It appears that the Secretary of Agriculture is disposed to construe the Lever Bill rather strictly as a demonstration measure in agriculture and home economics, to the exclusion of instruction in all forms. This construction of the department we feel inclined not only to recognize but to uphold in the future, because it would leave all forms of our educational activity entirely free from their dominance. It also appears that it is highly desirable to devote a portion of the Lever money to extending the work of the county advisor and that by doing so we shall be able to cooperate in this, which is their distinctive work, even more thoroughly than if we should hold ourselves aloof from that particular line of work.

Another advantage in devoting some of the Lever money to the county advisory system is that under those conditions the Department of Agriculture will be bound to consider the funds raised by the various counties as constituting the State equivalent of the Federal appropriation. Inasmuch as the amounts raised by the counties from subscription and otherwise is far in excess of the amounts likely to arise from the Lever Funds, we should not, under those conditions, be obliged to ask the Legislature for specific appropriations on account of the Lever Bill. In this way we should effectually protect our mill tax and avoid the necessity of injuring the development of the University at any point by the necessity of asking for direct appropriation. All things considered, therefore, we deem it wise to devote a small portion of the funds this year, and more in the succeeding years, to this particular line of work.

Under our articles of cooperation with the Department of Agriculture, we would, as soon as the organization can be completed, take over the management of all the county advisory work. They require that this management should be centered in a State Leader. This State Leader may be appointed directly by the department to be quartered by us, in which case he will be a Civil Service appointee of theirs, or we may select the State Leader ourselves on the "half and half" basis. That is to say, they would pay half of the salary and estimated traveling

expenses of such an advisor, and we would pay the other half. I am, therefore, making the recommendation upon this basis, not only because it is more favorable to us financially, but because it will give us more complete control of the situation from the outset.

The Department of Agriculture is interested in two other lines of work besides that of the county demonstration agent, namely: what they call farm management demonstration, and what they call boys' and girls' club work.

Inasmuch as we have agreed to cooperate with the department in its work it seems but fair that we should accept all we can of the work in which they are interested. So far as the farm management demonstration feature is concerned, it can be made extremely useful because one of our purposes is to make out of the whole county advisor scheme a kind of laboratory in farm economics. This particular line of work, therefore, lends itself to the general purpose which we have in mind, and I am recommending that it be accepted as one of our projects. For the same reason I have mentioned before, I think we would better enter into this plan on the "half and half" basis, particularly for the sake of giving us the privilege of naming the man and of more thoroughly controlling the work.

I am including the project of boys' and girls' club work, not because I believe the work has yet justified itself or promises to do so, but because it is one of the things in which the department is interested, and because, if we do not enter into cooperation, they will withdraw from the State leaving a rather ugly situation for us to explain, and perhaps some ill feeling in certain quarters. Because of the shortness of funds, however, and because this particular line of work does not correspond with any which we are undertaking, I am recommending that we cooperate in this line without incurring expense. That is, that we give the welcome hand to their representative with such courtesies as we are able to extend.

The definite measures which I would, therefore, propose for the conduct of the work under the Lever Bill are as follows:

*First*—County demonstration agents located in the various counties of the State, so far as definite local organizations are completed and funds raised, locally, for the support of the demonstration work, and so far as the funds at our disposal will permit. For the present year only enough money could be available to enter into relations with the three counties of the State already organized, but not cooperating with the Department of Agriculture, whereby they might enjoy the franking privileges. Another year, with an additional fund, we should hope to take on additional counties, at \$1,200 each.

*Second*—Departmental demonstrators to act as special advisors to county agents and to individuals or associations of farmers, so far as funds will permit and necessities arise. For the current year perhaps \$500 to \$800 apiece could be devoted to each department for part payment of one of its extension men.

*Third*—Demonstration work in household economics. This being one of the main features of the Lever Bill, it seems only fair to this great subject that a considerable portion of the money should go in this direction.

*Fourth*—Cooperative farm management demonstration work to the extent of one man to be employed jointly by the Department of Agriculture and the University of Illinois, work beginning when a suitable man can be found.

*Fifth*—Boys' and girls' club work to be carried on by the Department of Agriculture under the nonpaying cooperative plan, by which we should put no money into the enterprise.

By the provisions of the Lever Bill the following amounts are available, present and prospective. Inasmuch as the assignments are based upon the relative agricultural populations of the states, they may, of course, change somewhat before the 10-year period has been reached.

1914.	1915.	1916.	1917.	1918.	1919.
\$10,000 00	\$23,141 12	\$36,282 24	\$49,423 36	\$62,564 48	\$75,705 60
1920.	1921.	1922.	1923.	1924 and annually thereafter.	
\$88,846 72	\$101,987 84	\$115,128 96	\$128,260 08	\$141,411 20	

#### PROPOSED BUDGET FOR LEVER FUND.

After much discussion, I beg to present the following budget for the nine months of the current fiscal year beginning October 1, 1914.

The total net amount available under the Lever Bill for the nine months remaining of the fiscal year is \$10,000. I propose the following budget of expenditures and request appropriations accordingly:

For demonstration in household economics.....	\$3,000
For State Leader, his assistant, office, and traveling expenses.....	3,500
Department specialists (one each from Agronomy, Animal Husbandry, Dairy Husbandry, and Horticulture) \$500-\$800 to each department*..	3,200
County agents—three counties. \$100 each to bring into cooperation and to insure the franking privileges†.....	300
	<hr/> \$10,000

#### STATE LEADER.

In my formal report I recommended the early election of a Vice Director to take immediate charge of the work under the Lever Bill. Under our cooperative arrangements with the Department of Agriculture in the county advisory work, however, they will demand that a State Leader be elected to give substantially his whole time to the work. This fact, together with our own enterprises in that

\* If a suitable man can be found before the end of the year for farm demonstration work (Project No. 4) our half of his salary would be paid from this item, otherwise the full \$800 could go to each department.

† These are the three counties now organized but not in cooperation with the United States Department of Agriculture.

field, makes the State Leader the man of influence from the first. I am, therefore, recommending that this place be filled by a competent man, who should also be *acting* Vice Director, postponing the election of a separate Vice Director until some future date.

We have discussed at great length the man best fitted for this position. We all agree that the man should have training in economics rather than that he should be a technician in any of the many branches of agricultural practice. This narrows the field at once amazingly, and it is not too much to say that it is impossible to find an ideal man. There are few in the United States fully fitted for this most difficult work and they are not available. On the principal of safety first, and with all the qualifications practicable to secure, we all agree that the best man to put into this critical position at this juncture is our Prof. Handschin. He has the best training in economics of any one at all available and has the advantage of being on the ground and knowing Illinois conditions. He is in thorough sympathy with the University's ideals and purposes, and is a mature man of unusual discretion, besides having had extensive and successful practice in actual farming. Those who know him best, believe much in his organizing ability, and if he is made acting Vice Director the opportunity still remains for filling the place of highest influence if a better man can be found later, of which, however, I have little hope.

Prof. Handschin is not a candidate for the position but he will take it if he is appointed because of his interest in the general field of agricultural economics, and his desire that the whole Lever work should be so conducted as to contribute to our knowledge of the economics of farm practices. I, therefore, recommend that Prof. Walter Frederick Handschin be appointed State Leader and acting Vice Director of the Lever Extension Fund, beginning October 1, 1914, or sooner if possible, at the rate of \$3,000 per year, with the understanding that the Department of Agriculture will pay \$2,000 of it, the University to pay the other \$1,000, together with \$1,000 of traveling expenses.

In making this recommendation, I desire to qualify it so that, if possible, it may be arranged for Prof. Handschin to devote one-fourth of his time to his present work in farm management, if not that he should give all his time to the county advisory work.

The Department of Agriculture believes that as soon as the number of counties have reached the neighborhood of fifteen, the State Leader should have an assistant. Inasmuch as we shall have seventeen counties upon our hands the coming year, and inasmuch as we hope to make arrangements so that Prof. Handschin may devote perhaps one-fourth of his time to teaching, I recommend that the appointment of an assistant be authorized, appointment to take place when the suitable candidate shall be found.

As the work of this assistant would be thrown somewhat with county agents, who are themselves mature and experienced men, and somewhat with counties still in the earlier stages of organization, it is clear that this man should be no boy, and I should like to recommend that we be able to pay him a salary of from \$1,800 to \$2,000 per year.

In order to undertake the farm management demonstration work in cooperation with the Department of Agriculture, I recommend that the President be authorized to appoint such demonstrator on the "half and half" basis as indicated above, and as soon as a suitable man can be found.

For the purpose of giving definiteness to the management of the demonstration work in household science, I recommend that Miss Mamie Bunch be appointed State Leader in household economics demonstration, on part time, and that \$1,000 of her salary be charged to the Lever Funds.

On the recommendation of President James and on motion of Superintendent Blair, the recommendations outlined above were approved, to be put into effect when the funds appropriated under the Smith-Lever Bill come into the hands of the University.

#### LEGISLATIVE BUDGET COMMITTEE.

(12) A statement that the Legislative Reference Bureau had demanded that the University should submit a budget in detail under the law passed by the last Legislature requiring the departments of the State Government to submit such budgets.

I have called the attention of the board in charge of the Legislative Reference Bureau to the fact that the University of Illinois has never been included under the head of "a department of the State Government," although it is, of course, clearly a State institution.

I have also called the attention of the board to the fact that the Trustees have never submitted a budget of the sort asked for, and would find it difficult to do so under the circumstances under which the University must work.

The policy of the University has been to ask the Legislature for funds, and, after it has known what the grants are, to proceed to make a budget upon the basis of the money granted.

I also stated that the Trustees would ask for the appropriation of the proceeds of the Mill Tax Fund, and that they would make their budget upon the basis of the sum which this tax would yield.

This matter was discussed and the attitude of the President was approved.

#### THE NEED OF A UNIVERSITY HOSPITAL.

(13) A statement concerning the necessity of a University hospital.

It is perfectly apparent that no medical school worth the name can be conducted without a teaching hospital as one of its fundamental departments. At

present the University has no such hospital. It is dependent absolutely upon the good will of boards of directors and the medical staff of private hospitals, and upon such facilities as it may be able to obtain in the Cook County Hospital.

Such a condition, however, is entirely unsatisfactory, and the Trustees are now facing the necessity of providing an adequate teaching hospital or of seeing the medical school classed among the inferior schools of the country.

No action was taken in the matter.

#### FIRE IN THE COLLEGE OF MEDICINE BUILDING.

(14) An account from Mr. William H. Browne, Secretary of the College of Medicine, of a fire discovered in the curator's storeroom in the basement laboratory annex of the Medical Building. The fire was extinguished without any damage to speak of. The loss to stock is nominal and the injury to the building is slight.\*

I desire, however, to call the attention of the Board of Trustees to the fact that the curator's storeroom is very much overcrowded with material which is to some extent inflammable.

I think it would probably be desirable to erect a small building to the west of the laboratory annex, say one story in height, in which the laboratory stores could be housed, so as to diminish the danger from fire in the main building.

No action was taken concerning this matter.

#### NEED OF A LOT FOR THE SCHOOL OF PHARMACY.

(15) A communication from W. B. Day, Acting Dean of the School of Pharmacy, concerning a proposed site for a new building for the School of Pharmacy.

I desire to urge very strongly upon the Board of Trustees the absolute necessity of providing a site for a building, and the erection of a suitable building for the School of Pharmacy. The quarters now occupied by the school at the corner of Michigan Avenue and Twelfth Street cannot be retained very long, as the owners of the building desire to tear it down.

It seems, moreover, desirable to remove the school to the West Side and bring it into immediate proximity with the Colleges of Medicine and Dentistry. The growth of the College of Dentistry is likely to be so rapid that it will need all the building now occupied by it.

The board will, therefore, find itself in the unpleasant situation of having a department without a local habitation or site, unless it provides a building for this purpose, and it is not too soon to procure a site. There are several available sites in the neighborhood. The one previously proposed is held at such a high figure that it would seem better to select a site which would cost somewhat less, and acquire the site facing Harrison Street, and east of the present college building, for the purposes of a hospital.

It was voted that the President of the board should investigate the question of sites and report to the board.

#### RESOLUTIONS CONCERNING MR. HARRY GILL.

The Secretary presented certain correspondence between the Secretary of the Illini Club of Chicago and President Abbott concerning resolutions of the Illini Club commending the work of Mr. Harry Gill as Instructor in Track Athletics.

The correspondence and resolutions were received to be filed.

#### APPOINTMENTS, COLLEGE OF MEDICINE.

The Secretary presented also for record the list of appointments to the faculty of the Senior College of the College of Medicine, made by the President of the University on September 4, 1914. These appointments, which carry no salary, are for the academic year beginning September 1, 1914, and ending August 31, 1915.

#### I. DEPARTMENT OF MEDICINE.

Charles Spencer Williamson, B.S., M.D., Professor and head of the Department of Medicine.

William Edward Quine, M.D., LL.D., *Emeritus* Professor of Medicine.

Maurice Louis Goodkind, M.D., Professor of Clinical Medicine.

Joseph McIntyre Patten, M. D., Professor of Clinical Medicine.

\* The President of the board has since received the following letter from Secretary Browne:

September 17, 1914.

Mr. W. L. Abbott, President, Board of Trustees, University of Illinois, Chicago, Ill.

MY DEAR SIR: I was waited on last Saturday, the 12th inst., by Mr. J. Sherman Root, insurance adjuster, and the following settlement was agreed upon between us, regarding the damage from the recent fire in the curator's storeroom.

Glass.....	\$10 00	Cabinet repair.....	\$6 00
Painting and calcimining.....	24 00		
Pipe covering.....	10 00	Total.....	\$60 00
Plaster.....	10 00		

This is ample compensation for what damage was done, and I am sure that payment will be made shortly. I have previously reported to you this fire, its probable cause and the damage done.

Yours very truly,

WILLIAM H. BROWNE, Secretary.

Frederick Tice, M.D., Professor of Diseases of the Chest and Clinical Medicine.  
John Weatherston, C.E., M.D., Assistant Professor of Medicine. Recording Secretary of the Faculty.

Edward Louis Heintz, Ph.G., M.D., Assistant Professor of Medicine and Clinical Medicine.

Maurice Lewison, M.D., Assistant Professor of Physical Diagnosis.

Robert William Morris, A.B., M.D., Instructor in Medicine (Senior year).

William David McDowell, B.S., M.D., Instructor in Medicine (Senior year).

Waldemar Eberhardt, B.S., M.D., Instructor in Medicine (Senior year).

Edward Francis Fox, M.D., Instructor in Medicine (Senior year).

George J. Lorch, Ph.G., M.D., Instructor in Medicine (Junior year).

Edward A. Corcoran, M.D., Instructor in Medicine (Junior year).

Harry Jerome Smejkal, M.D., Instructor in Medicine (Junior year).

John Eddy Haskell, A.B., M.D., Instructor in Medicine (Junior year).

Frank Chauvet, M.D., Instructor in Physical Diagnosis.

Louis Rudolph, M.D., Instructor in Physical Diagnosis.

Lyndon Harris, M.D., Instructor in Medicine (Junior year).

F. Raymond Crooks, M.D., Instructor in Medicine (Junior year).

Ernest Sisson, Moore, Ph.B., M.D., Instructor in Clinical Medicine.

Robert Mosser, M.D., Instructor in Clinical Medicine.

Solomon Strouse, A.B., M.D., Instructor in Clinical Medicine.

Frank J. Wright, M.D., Instructor in Clinical Medicine.

Walter Bradford Metcalf, M.D., Instructor in Clinical Medicine.

Franklin S. Wilson, M.D., Instructor in Clinical Medicine.

Phillip M. Dale, M.D., Instructor in Clinical Medicine.

Frank J. Jirka, M.D., Assistant in Physical Diagnosis.

#### DIVISION OF ROENTGENOLOGY.

Adolph Hartung, M.D., Instructor in Radiology.

Max Hubeny, M.D., Assistant in Roentgenology.

#### DIVISION OF HISTORY OF MEDICINE.

Bernard John Cigrand, M.S., D.D.S., Lecturer.

#### DIVISION OF PSYCHIATRY.

Oscar Augustus King, M.D., Professor and head of the Division of Psychiatry.

Haim I. Davis, M.D., Assistant Professor of Clinical Psychiatry.

Ulysses Grant Darling, M.D., Assistant Professor of Psychiatry.

Myer Solomon, M.D., Instructor in Psychiatry.

#### DIVISION OF NEUROLOGY.

Lee Harrison Mettler, A.M., M.D., Professor and head of the Division of Neurology and Clinical Neurology.

Isador Bernard Diamond, M.D., Instructor in Neurology.

Edward Franklin Leonard, M.D., Instructor in Neurology.

Carl J. S. Rydin, M.D., Instructor in Neurology.

#### DIVISION OF PEDIATRICS.

Julius Hays Hess, M.D., Associate Professor of Pediatrics and Clinical Pediatrics.

Frank Breckenridge Earle, M.D., *Emeritus* Professor of Pediatrics.

Emanuel Oliver Benson, A.B., M.D., Assistant Professor of Pediatrics and Clinical Pediatrics.

Wilbur Maynard French, M.D., Instructor in Pediatrics.

Edward Kent Armstrong, M.D., Instructor in Pediatrics.

Henry Eugene Irish, M.D., Instructor in Pediatrics.

James J. McCarty, Jr., A.B., M.D., Instructor in Pediatrics.

Joseph S. Cohn, M.D., Instructor in Pediatrics.

Maurice L. Blatt, M.D., Instructor in Pediatrics.

Jacob Carl Krafft, M.D., Instructor in Pediatrics.

#### II. DEPARTMENT OF SURGERY.

Daniel Atkinson King Steele, M.D., LL.D., F.A.C.S., Senior Dean. Professor and head of the Department of Surgery and Clinical Surgery.

Thomas Archibald Davis, M.D., Clinical Professor of Surgery.

William McIntyre Harsha, A.B., M.D., F.A.C.S., Professor of Surgery and Clinical Surgery.

Albert John Ochsner, B.S., M.D., F.A.C.S., Professor of Surgery and Clinical Surgery.

Daniel Nathan Eisendrath, A.B., M.D., F.A.C.S., Professor of Surgery and Clinical Surgery (Genito-Urinary).

Charles Davison, M.D., F.A.C.S., Professor of Surgery and Clinical Surgery.

Albert Edward Halstead, M.D., F.A.C.S., Professor of Surgery and Clinical Surgery.

John Lincoln Porter, M.D., F.A.C.S., Professor of Surgery (Orthopedic).

Norval Pierce, M.D., F.A.C.S., Professor of Surgery (Otolaryngology and Clinical Otolaryngology).

Charles Edward Humiston, M.D., Associate Professor of Clinical Surgery.

Nelson Mortimer Percy, M.D., F.A.C.S., Associate Professor of Clinical Surgery.

Edward Milton Brown, M.D., Associate Professor of Clinical Surgery.

William Fuller, M.D., F.A.C.S., Associate Professor of Surgery (Operative).

Charles Mayer Jacobs, M.D., Associate Professor of Clinical Surgery (Orthopedic).

Joseph C. Beck, M.D., F.A.C.S., Associate Professor of Surgery (Laryngology, Rhinology, and Otology).  
 Frederick George Dyas, M.D., F.A.C.S., Assistant Professor of Surgery and Clinical Surgery).  
 George Farnsworth Thompson, B.S., M.D., Assistant Professor of Surgery and Clinical Surgery.  
 Frank Donald Moore, M.D., F.A.C.S., Assistant Professor of Surgery and Clinical Surgery.  
 Richard Hunt Brown, M.D., Assistant Professor of Clinical Surgery (Laryngology, Rhinology, and Otology).  
 John Milton Berger, M.D., Instructor in Surgery and Assistant in Clinical Surgery (Senior year).  
 George Luther Davenport, M.D., Instructor in Surgery (Senior year).  
 Raymond William McNealy, M.D., Instructor in Surgery (Senior year).  
 Henry Lester Baker, M.D., Instructor in Surgery (Senior year).  
 Howard Oscar Shafer, M.D., Instructor in Surgery (Senior year).  
 Charles Henry Phifer, M.D., Instructor in Surgery (Senior year).  
 Oscar Eugene Nadeau, B.S., M.D., Instructor in Surgery (Surgical Pathology) (Senior year).  
 French S. Cary, M.D., F.A.C.S., Instructor in Surgery (Genito-Urinary).  
 Irving S. Koll, M.D., Instructor in Surgery (Genito-Urinary).  
 Charles M. McKenna, M.D., F.A.C.S., Instructor in Surgery (Genito-Urinary).  
 John Ross Harger, B.S., M.D., Instructor in Surgery and Minor Surgery.  
 Arrie Bamberger, M.D., Instructor in Minor Surgery.  
 Bert Leslie Taylor Woods, M.D., Instructor in Surgery (Operative) and Assistant in Clinical Surgery.  
 William Chester Smith, M.D., Instructor in Surgery (Operative).  
 Archie James Graham, M.D., Instructor in Surgery (Operative).  
 David Alexander, M.D., Instructor in Surgery (Orthopedic).  
 John A. Cavanagh, M.D., F.A.C.S., Instructor in Surgery (Laryngology, Rhinology, and Otology).  
 Lillian Ethel Taylor, M.D., Instructor in Surgery (Laryngology, Rhinology, and Otology).  
 Harold Ballenger, M.D., Instructor in Surgery (Laryngology, Rhinology, and Otology).  
 Clifford Bullen, M.D., Instructor in Surgery (Laryngology, Rhinology, and Otology).  
 Eugene Bermingham, M.D., Instructor in Surgery (Laryngology, Rhinology, and Otology).  
 John Harold Edgecomb, M.D., Instructor in Clinical Surgery.  
 Richard Root Rupert, M.D., Assistant in Clinical Surgery.  
 Charles C. Clark, M.D., Assistant in Clinical Surgery.  
 Max Meyerovitz, M.D., Assistant in Clinical Surgery.  
 George Washington Post, Jr., A.M., M.D., Assistant in Clinical Surgery.  
 Alexander Donald Ferguson, M.D., Assistant in Clinical Surgery.  
 Robert Emmet Flannery, M.D., F.A.C.S., Assistant in Clinical Surgery.  
 Charles Warren Stigman, M.D., Assistant in Clinical Surgery.  
 Elmer W. Schnoor, M.D., Assistant in Clinical Surgery (Genito-Urinary).  
 Harrison Willis Maltby, M.D., Assistant in Surgery (Orthopedic).  
 William Arthur Clark, M.D., Assistant in Surgery (Orthopedic).  
 Karl Albert Meyer, M.D., Assistant in Clinical Surgery.

### III. DEPARTMENT OF OBSTETRICS AND GYNECOLOGY.

Charles Sumner Bacon, Ph.B., M.D., F.A.C.S., Professor and head of the Department of Obstetrics and Gynecology.  
 Henry Parker Newman, A.M., M.D., F.A.C.S., *Emeritus* Professor of Gynecology.  
 Henry Turman Byford, A.M., M.D., F.A.C.S., *Emeritus* Professor of Gynecology.  
 Rachelle S. Yarros, M.D., Associate Professor of Obstetrics and Clinical Obstetrics.  
 Cecil V. Bachele, M.S., M.D., Assistant Professor of Obstetrics.  
 Otto Herman Rohrlack, Ph.G., M.D., Assistant Professor of Obstetrics and Clinical Obstetrics.  
 Richard Charles Steffen, M.D., Instructor in Obstetrics.  
 John William Birk, M.D., Instructor in Obstetrics.  
 Annie E. Barron, M.D., Instructor in Obstetrics.  
 Charles Newberger, M.D., Instructor in Obstetrics.  
 Walter Charles Hammond, M.D., Instructor in Obstetrics.  
 Edward M. Heacock, M.D., Instructor in Obstetrics.

### DIVISION OF GYNECOLOGY.

Channing Whitney Barrett, M.D., F.A.C.S., Professor of Gynecology and Clinical Gynecology.  
 Mary Gilruth McEwen, M.S., M.D., Assistant Professor of Clinical Gynecology.  
 John Michael Lang, M.D., Assistant Professor of Clinical Gynecology.  
 Irving Herbert Eddy, M.D., Instructor in Gynecology.  
 Egan Walter Fischmann, M.D., Instructor in Gynecology.  
 Clara P. Seipple, M.D., Instructor in Gynecology.  
 Albert John Schoenberg, M.D., Instructor in Gynecology.  
 Wesley John Woolston, M.D., Instructor in Gynecology.  
 Mary Blanche White, M.D., Instructor in Gynecology.  
 Pauline Rose Kapsa, M.D., Instructor in Gynecology.  
 F. Lee Stone, M.D., Assistant in Gynecology.  
 Mathilda Osborn Lichner, B.S., M.D., Assistant in Gynecology.



## IV. DEPARTMENT OF OPHTHALMOLOGY.

Casey A. Wood, A.M., M.D., F.A.C.S., Professor and head of the Department of Ophthalmology.

John Erasmus Harper, A.M., M.D., *Emeritus* Professor of Ophthalmology.

William Elliott Gamble, B.S., M.D., F.A.C.S., Associate Professor of Clinical Ophthalmology.

John Brown Loring, M.D., F.A.C.S., Assistant Professor of Clinical Ophthalmology.

Ephraim Kirkpatrick Findley, M.D., Assistant Professor of Clinical Ophthalmology.

Charles Clayton Clement, M.D., Instructor in Ophthalmology.

Frederick D. Vreeland, M.D., Instructor in Ophthalmology.

G. Dvorak Theobald, M.D., Assistant in Clinical Ophthalmology.

Lawrence W. Whitner, M.D., Assistant in Clinical Ophthalmology.

Edward F. Slavik, M.D., Assistant in Clinical Ophthalmology.

## V. DEPARTMENT OF DERMATOLOGY.

William Allen Pusey, A.M., M.D., Professor and head of Department of Dermatology.

Frederick Gillette Harris, M.D., Assistant Professor of Dermatology and Venereal Diseases.

Arthur William Stillians, M.D., Instructor in Dermatology.

Philip Frank Schaffner, M.D., Instructor in Dermatology.

## VI. DEPARTMENT OF HYGIENE.

Adolph Gehrman, M.D., Professor and head of the Department of Hygiene.

## VII. DEPARTMENT OF MEDICAL JURISPRUDENCE.

Elmer DeWitt Brothers, M.S., LL.B., Lecturer on Medical Jurisprudence.

Matthew Mills, LL.B., Alternate Lecturer on Medical Jurisprudence.

### THE REGISTRAR'S REPORT OF FEES PAYABLE SECOND SEMESTER, 1913-14.

The Secretary of the board presented also the Registrar's report of fees payable for the second semester of the academic year 1913-14 and for the Summer Session of 1914. This report was received for record.

	Gross.	Refund.	Net Total.
<b>Matriculation Fees—</b>			
203 @ \$10 .....	\$2,030 00	.....	.....
Refund 2 @ \$10 .....	.....	\$20 00	\$2,010 00
Total, matriculation fees .....	\$ 2,030 00	\$ 20 00	\$ 2,010 00
<b>Incidental Fees—</b>			
2823 @ \$12 .....	33,876 00	.....	.....
Refund 23 @ \$12 .....	.....	276 00	33,600 00
Refund 85 @ \$6 (one-half) .....	.....	510 00	510 00
Total, incidental fees .....	\$33,876 00	\$786 00	\$33,090 00
<b>Tuition Fees—</b>			
421 @ \$7.50 .....	3,157 50	.....	.....
Refund 105 @ \$7.50 .....	.....	787 50	2,370 00
Refund 18 @ \$3.75 (one-half) .....	.....	67 50	—67 50
85 @ \$25 (Law) .....	2,125 00	.....	2,125 00
6 @ \$12.50 (one-half law) .....	75 00	.....	.....
Refund 1 @ \$12.50 .....	.....	12 50	62 50
17 @ \$5 (courses, law) .....	85 00	.....	85 00
Refund 1 @ \$2.50 (one-half) .....	.....	2 50	—2 50
Total, tuition fees .....	\$5,442 50	\$870 00	\$4,572 50
Total, general fees .....	\$41,348 50	\$1,676 00	\$39,672 50
<b>Music Fees—</b>			
Refund 1 @ \$4.25 (one-half) .....	.....	4 25	—4 25
1 @ \$5 .....	5 00	.....	5 00
3 @ \$7 .....	21 00	.....	21 00
1 @ \$6.50 .....	6 50	.....	6 50
36 @ \$8.50 .....	306 00	.....	306 00
1 @ \$9 .....	9 00	.....	9 00
3 @ \$11 .....	33 00	.....	33 00
7 @ \$15 .....	105 00	.....	105 00
1 @ \$19.50 .....	19 50	.....	19 50
1 @ \$25 .....	25 00	.....	25 00
Total, music fees .....	\$ 530 00	\$ 4 25	\$ 525 75
<b>Laboratory Fees—</b>			
Architecture .....	412 00	5 25	406 75
Botany .....	810 00	29 25	780 75
Ceramics .....	201 00	9 00	192 00
Chemistry .....	8,539 00	502 50	8,036 50
Civil Engineering .....	148 50	5 25	143 25
Dairy Husbandry .....	12 00	.....	12 00
Electrical Engineering .....	746 00	12 00	734 00

## THE REGISTRAR'S REPORT OF FEES—Concluded.

	Gross.	Refund.	Net Total.
<b>Laboratory Fees—Concluded.</b>			
Entomology .....	\$144 00	\$ 5 25	\$138 75
General Engineering Drawing .....	266 00	12 00	254 00
Geology .....	374 75	21 83	352 92
Household Science .....	684 50	15 50	669 00
Mechanical Engineering .....	195 00	5 00	190 00
Mining Engineering .....	31 00	3 00	28 00
Physics .....	864 00	32 00	832 00
Physiology .....	24 50	.....	24 50
Psychology .....	25 00	.....	25 00
Railway Engineering .....	9 00	.....	9 00
T. & A. Mechanics .....	136 00	2 00	134 00
Zoology .....	452 00	11 00	441 00
Total, laboratory fees .....	\$14,074 25	\$670 83	\$13,403 42
Listener's Fees			
8 @ \$7.50 .....	60 00	.....	60 00
Special Examination Fees—			
195 @ \$5 .....	975 00	.....	.....
Refund 1 @ \$5 .....	.....	5 00	970 00
Late Registration Fees—			
95 @ \$1 .....	95 00	.....	95 00
Change Fees—			
408 @ \$1 .....	408 00	.....	.....
Refund 1 @ \$1 .....	.....	1 00	407 00
Diploma Fees—			
805 @ \$5 .....	4,025 00	.....	.....
Refund 2 @ \$5 .....	.....	10 00	4,015 00
Refund 1 @ \$2 .....	.....	2 00	—2 00
Total special fees .....	\$ 5,563 00	\$1,800 00	\$ 5,545 00
Total fees .....	61,515 75	2,369 08	59,146 67

## SUMMER SESSION, 1914.

	Gross.	Refund.	Net Total.
<b>Matriculation Fees—</b>			
21 @ \$10 .....	\$ 210 00	.....	\$ 210 00
<b>Incidental Fees—</b>			
450 @ \$12 .....	5,400 00	.....	.....
Refund 25 @ \$12 .....	.....	\$300 00	5,100 00
33 @ \$6 (one-half) .....	198 00	.....	.....
Refund 10 @ \$6 .....	.....	60 00	138 00
8 @ \$3 (one-fourth) .....	24 00	.....	—24 00
Total, incidental fees .....	\$5,622 00	\$360 00	\$5,262 00
<b>Laboratory Fees—</b>			
Botany .....	11 50	3 00	8 50
Chemistry .....	1,025 00	58 00	967 00
Entomology .....	61 50	1 50	60 00
General Engineer Drawing .....	4 00	1 00	3 00
Household Science .....	26 00	2 50	23 50
Physics .....	98 00	21 50	76 50
Physiography .....	20 00	2 00	18 00
T. & A. Mechanics .....	25 00	14 50	10 50
Zoology .....	84 00	1 00	83 00
Total, laboratory fees .....	\$1,355 00	\$105 00	\$1,250 00
Special Examination Fees—			
7 @ \$5 .....	35 00	.....	35 00
Change Fees—			
24 @ \$1 .....	24 00	.....	24 00
Total, special fees .....	\$59 00	.....	\$59 00
Total fees .....	\$7,246 00	\$465 00	\$6,781 00

## APPOINTMENTS MADE BY THE PRESIDENT OF THE UNIVERSITY.

The Secretary presented also for record the following list of appointments made by President James:

Allen, P. W., Assistant in Dairy Bacteriology in the College of Agriculture, on one-half time, for 12 months beginning September 1, 1914, at a salary of eight hundred dollars (\$800) a year. (August 20, 1914).\*

Andrews, James Burton, Instructor in Animal Husbandry in the College of Agriculture and First Assistant in Animal Husbandry in the Agricultural Experiment Station, for 12 months beginning September 1, 1914, at a salary of one hundred dollars (\$100) a month. (August 20, 1914.)

\* The date in parenthesis is the date on which the appointment was made by the President of the University.

Blaney, Herbert W., Assistant in Landscape Extension in the College of Agriculture, for 12 months beginning September 1, 1914, at a salary of fourteen hundred dollars (\$1,400) a year. (August 20, 1914.)

Boelio, Louis, Technician in the Department of Anatomy in the College of Medicine, beginning September 1, 1914, and continuing until further notice, at a salary of eighty dollars (\$80) a month. (August 14, 1914.)

Boughton, Thomas H., Instructor in Pathology in the College of Medicine, for 12 months beginning September 1, 1914, at a salary of one hundred fifty dollars (\$150) a month. (August 22, 1914.)

Brown, Howard D., Assistant in Olericulture in the College of Agriculture and the Agricultural Experiment Station, for 12 months beginning September 1, 1914, at a salary of seventy dollars (\$70) a month. (August 20, 1914.)

Burton, Lawrence V., Assistant in Bacteriology, on full time, for 10 months beginning September 1, 1914, at a salary of one hundred twenty dollars (\$120) a month; this appointment superseding his previous appointment on part time. (September 5, 1914.)

Cobb, Margaret Vara, Assistant in Education, on one-half time, for 10 months beginning September 1, 1914, at a salary of fifty dollars (\$50) a month. (August 14, 1914.)

Deal, Edwin, Assistant in Landscape Extension in the College of Agriculture, on one-half time, for 12 months beginning September 1, 1914, at a salary of five hundred dollars (\$500) a year. (August 20, 1914.)

Downes, Carl S., Instructor in English, for 10 months beginning September 1, 1914, at a salary of one hundred twenty dollars (\$120) a month. (August 27, 1914.)

Draffin, Jasper Owen, Research Fellow in the Engineering Experiment Station in the Department of Theoretical and Applied Mechanics, for two years beginning September 1, 1914, at a stipend of five hundred dollars (\$500) a year. (September 9, 1914.)

Ellis, Charles A., Assistant Professor of Civil Engineering, beginning September 14, 1914, and continuing until June 20, 1915, at a salary of twenty-five hundred dollars (\$2,500) for the term of the appointment. (September 5, 1914.)

Englis, D. T., Assistant in Floricultural Chemistry in the College of Agriculture and the Agricultural Experiment Station, on one-half time, for 12 months beginning September 1, 1914, at a salary of sixty dollars (\$60) a month. (August 20, 1914.)

Erb, J. Lawrence, Director of the School of Music and University Organist, for 12 months beginning September 1, 1914, at a salary of three thousand dollars (\$3,000) a year. (August 22, 1914.)

Evans, Frederick Nobel, Instructor in Landscape Gardening in the College of Agriculture, for 12 months beginning September 1, 1914, at a salary of one hundred fifty dollars (\$150) a month. (August 20, 1914.)

Frank, Edwin, Instructor in Mechanical Engineering, for 10 months beginning September 1, 1914, at a salary of one hundred twenty dollars (\$120) a month. (August 14, 1914.)

Glenn, Eleanor, Stenographer in the Department of Electrical Engineering, at a salary of fifty dollars (\$50) a month, beginning September 1, 1914, and continuing until further notice, subject to the rules of the Civil Service Commission. (August 21, 1914.)

Hanger, James Howard, Assistant in Education, on one-half time, for 10 months beginning September 1, 1914, at a salary of fifty dollars (\$50) a month. (August 14, 1914.)

Harper, Claude, Assistant in Animal Husbandry in the College of Agriculture and the Agricultural Experiment Station, for 12 months beginning September 1, 1914, at a salary of one thousand dollars (\$1,000) a year. (August 20, 1914.)

Hecht, August George, Assistant in Floriculture in the College of Agriculture and the Agricultural Experiment Station, for 12 months beginning September 1, 1914, at a salary of seventy dollars (\$70) a month. (August 20, 1914.)

Hester, Elizabeth, Order Assistant in the Library for 12 months beginning September 1, 1914, or as soon thereafter as she reports for duty, at a salary of sixty dollars (\$60) a month. (August 29, 1914.)

Hull, Sidney Martin, Student Assistant in Chemistry, for 10 months beginning September 1, 1914, at a salary of ten dollars (\$10) a month. (August 14, 1914.)

Keith, Mary Helen, Assistant in Animal Nutrition, for one year beginning October 1, 1914, at a salary of thirteen hundred dollars (\$1,300) a year. (September 4, 1914.)

Kessler, James, Assistant in Romance Languages, for 10 months beginning September 1, 1914, at a salary of ninety dollars (\$90) a month. (July 29, 1914.)

Kile, Jessie J., Assistant in the Illinois Survey, on one-half time, for 10 months beginning September 1, 1914, at a salary of forty-five dollars (\$45) a month. (July 14, 1914.)

Kyle, Martha Jackson, Acting Dean of Women, beginning September 1, 1914, and continuing until further notice, with a salary at the rate of two thousand dollars (\$2,000) a year. (August 20, 1914.)

Lantz, Cyrus William, Assistant in Botany, for 10 months beginning September 1, 1914, at a salary of sixty dollars (\$60) a month. (August 14, 1914.)

Layng, Thomas E., Research Fellow in the Engineering Experiment Station, for 12 months beginning September 1, 1914, at a salary of five hundred dollars (\$500) for the year. (August 6, 1914.)

Lee, Harry Rhodes, Graduate Assistant in Chemistry, for 10 months beginning September 1, 1914, at a salary of thirty dollars (\$30) a month, this appointment superseding his former appointment as student assistant at a salary of ten dollars a month. (August 14, 1914.)

Lynn, M. V., Instructor in Chemistry in the School of Pharmacy, for 10 months beginning September 1, 1914, at a salary of one hundred eighty dollars (\$180) a month. (July 23, 1914.)

Miles, L. E., Assistant in Floriculture in the College of Agriculture and the Agricultural Experiment Station, on one-half time, for 12 months beginning September 1, 1914, at a salary of five hundred dollars (\$500) a year. (August 20, 1914.)

Miles, Lois M., Secretary in the Registrar's office, at a salary of seventy dollars (\$70) a month, beginning September 1, 1914, subject to the regulations of the Civil Service Commission. (July 29, 1914.)

Moodie, Roy L., Instructor in Anatomy in the College of Medicine, for 12 months beginning September 1, 1914, at a salary of fifteen hundred dollars (\$1,500) for the year. (August 6, 1914.)

Moorehead, Frederick B., Dean of the College of Dentistry, for one year beginning September 1, 1914, at a salary of two thousand dollars (\$2,000) for the year. (August 5, 1914.)

Nevens, William Dean, Assistant in Dairy Husbandry in the College of Agriculture and the Agricultural Experiment Station, for one year beginning September 1, 1914, at a salary of nine hundred dollars (\$900) a year. (August 20, 1914.)

Phelps, James Manley, Assistant in Public Speaking, for 10 months beginning September 1, 1914, at a salary of one hundred dollars (\$100) a month. (September 5, 1914.)

Prasil, Anton, Assistant in Animal Chemistry in the College of Agriculture and the Agricultural Experiment Station, for 12 months beginning September 1, 1914, at a salary of seventy-five dollars (\$75) a month. (August 20, 1914.)

Price, Miles A., Shelf Assistant in the Library, for 12 months beginning September 1, 1914, or as soon as he reports for duty, at a salary of seventy dollars (\$70) a month. (August 14, 1914.)

Ruby, G. B., Student Assistant in Chemistry, for 10 months beginning September 1, 1914, at a salary of ten dollars (\$10) a month. (September 5, 1914.)

Small, J. Craig, Student Assistant in Physiological Chemistry in the College of Medicine, on one-half time, for 10 months beginning September 1, 1914, at a salary of fifty dollars (\$50) a month. (August 27, 1914.)

Stanton, Margaret Beaumont, Instructor in Household Science, for 12 months beginning September 1, 1914, at a salary of fourteen hundred dollars (\$1,400) a year. (September 4, 1914.)

Steele, D. A. K., Senior Dean in the College of Medicine, beginning September 1, 1914, and continuing until further notice or until August 31, 1915, without salary. (August 29, 1914.)

Steele, D. A. K., Professor of Surgery and Clinical Surgery and head of the Department of Surgery, for 12 months beginning September 1, 1914, without salary. (August 29, 1914.)

Storer, James, Assistant in Geology, on one-half time, for 10 months beginning September 1, 1914, at a salary of sixty dollars (\$60) a month. (September 9, 1914.)

Thomas, Newton G., Assistant in Histology in the College of Dentistry, for one year beginning September 1, 1914, at a salary of six hundred dollars (\$600) a year. (September 5, 1914.)

Turner, Frank, Assistant in Dairy Husbandry in the Agricultural Experiment Station, for 12 months beginning September 1, 1914, at a salary of nine hundred dollars (\$900) a year. (August 20, 1914.)

VanKleek, John Raymond, Assistant in Landscape Extension in the College of Agriculture, for 12 months beginning September 1, 1914, at a salary of one thousand dollars (\$1,000) a year. (August 20, 1914.)

Vollweiler, E. H., Graduate Assistant in Chemistry, for 10 months beginning September 1, 1914, at a salary of thirty dollars (\$30) a month. (September 5, 1914.)

Whisenand, James Wilbur, Assistant in Animal Husbandry in the College of Agriculture and the Agricultural Experiment Station, on one-half time, for 12 months beginning September 1, 1914, at a salary of five hundred dollars (\$500) a year. (August 20, 1914.)

Williams, W. Ira, Instructor in Operative and Prosthetic Dentistry in the Infirmary, for 9 months beginning October 1, 1914, at a salary of six hundred dollars (\$600) for the term of his appointment. (September 9, 1914.)

Wolfe, William S., Instructor in Architectural Engineering, for 10 months beginning September 1, 1914, at a salary of one hundred ten dollars (\$110) a month. (August 22, 1914.)

The board adjourned.

W. L. ABBOTT, *President.*

H. E. CUNNINGHAM, *Secretary.*

## MEETING OF THE EXECUTIVE COMMITTEE SEPTEMBER 11, 1914.

A meeting of the Executive Committee of the Board of Trustees of the University of Illinois was held at Hotel LaSalle, in Chicago, on Friday, September 11, 1914, immediately following the adjournment of the meeting of the board held on that date.

There were present Mr. Abbott and Mr. Moore, members of the Executive Committee; Mr. Blair, Mrs. Evans, Mrs. Henrotin, and Mr. Hoit, members of the board, and President James.

### PRINTING OF ANNUAL REPORTS.

President James presented and asked for authority to print the report of the Comptroller for the past year. He stated also that the President is preparing a report to the board which, with the Comptroller's and Registrar's reports, will cover the entire administration of the University.

On motion of Mr. Moore, President James was authorized to have these reports printed.

### CHANGES IN AGRICULTURAL SALARY BUDGET.

President James presented a recommendation from the Dean of the College of Agriculture and Director of the Experiment Station for certain changes in the budget of the College of Agriculture and the Experiment Station as printed on pages 28 to 34.

(1) That the title of Mr. J. J. Gardner be changed from Instructor in Pomology in the College and Assistant in Pomology in the Station to Associate in Pomology in the College of Agriculture and the Agricultural Experiment Station, the error being due to an oversight in the office of the Dean.

(2) That the title of Mr. Fred W. Muncie be changed from First Assistant in Floriculture, Station, to First Assistant in Floricultural Chemistry in the Agricultural Experiment Station, a title which accurately expresses his work.

(3) That the title of Mr. I. D. Allison be Associate in Horticulture, College and Station, instead of Assistant in Horticulture, Station.

(4) That the salary of Mr. G. L. Peltier be advanced from \$1,200 to \$1,600 per year. The original recommendation was due to an oversight in not remembering that Mr. Peltier now goes on full time instead of half time as heretofore.

(5) That Miss Florence E. Smith be appointed Secretary to the Director of the Agricultural Experiment Station and Miss Hawgood, Secretary to the Dean of the College of Agriculture.

(6) That Mr. Elmer Roberts be appointed Instructor in Genetics in the College of Agriculture and First Assistant in Genetics in the Agricultural Experiment Station.

On motion of Mr. Moore, the changes were approved as recommended.

### SALARY BUDGET, SUPERVISING ARCHITECT'S OFFICE.

President James presented a recommendation from Prof. J. M. White, Supervising Architect, that the following increases in the salaries of members of his office staff be made:

Name.	Title.	Salary.	
		Present.	Proposed.
Cevilla Carothers.....	Clerk.....	25c an hr.	\$ 630
L. J. Towne.....	Superintendent of Construction.....	\$2,100	2,400
G. E. Wright.....	Draftsman.....	1,500	1,680
W. H. Boyer*.....	Engineer.....	40c an hr.	1,140
L. C. Bernard*.....	Draftsman.....	35c an hr.	800
C. H. Haven.....	Foreman Plumber and Steamfitter..	1,440	1,500
Ruth Murphey.....	Stenographer.....	29c an hr.	720

\* Appointments to be for such part of a year as their services are needed.

On motion of Mr. Moore, the President of the University was authorized to make these increases if he should find it advisable.

The Executive Committee adjourned.

H. E. CUNNINGHAM, *Clerk*.

W. L. ABBOTT,  
A. F. MOORE.

## MEETING OF NOVEMBER 14, 1914.

A special meeting of the Board of Trustees of the University of Illinois was held at the University, in Urbana, at 12.30 p. m., on Saturday, November 14, 1914, pursuant to the following notice which was sent out by the Secretary on November 6, 1914:

Upon the call of the President, Mr. W. L. Abbott, there will be a special meeting of the Board of Trustees of the University, in Urbana, on Saturday, November 14, 1914, beginning at 12.30 p. m., to consider such matters as the committees of the board and the President of the University may submit, and such other business as may be duly presented.

When the board convened, the following members were present: Mr. Abbott, Mr. Blair, Mrs. Busey, Mrs. Evans, Mr. Montgomery, Mr. Moore. Mr. Hoit came in a little later and recorded his vote on the actions already taken; and Mr. Dunne and Miss Watson joined the board during the recess.

Prof. J. M. White, Supervising Architect, and Judge O. A. Harker, Legal Counsel, were present during part of the meeting.

### COMMITTEE ON RESOLUTIONS OF SYMPATHY FOR DR. JAMES.

The death of Mrs. James was announced and it was moved by Dr. Montgomery that President Abbott appoint a special committee to draft resolutions of sympathy for President James. The motion was carried. President Abbott appointed Dr. Montgomery and Superintendent Blair. The members of the committee retired for conference. On their return, Dr. Montgomery presented the following resolutions and moved their adoption. The resolutions were adopted unanimously, by a rising vote.

### RESOLUTIONS.

WHEREAS, The Board of Trustees of the University of Illinois learn with sorrow of the death of Mrs. Anna Margarethe James, wife of the honored President of the University of Illinois, who for thirty-five years has been his companion and co-worker, a constant source of counsel, strength, and inspiration in the exacting duties of his high office; be it

*Resolved*, That the board offer to President James and the members of his family its sincere condolence in this their day of sorrow and express its hope that he and they may find that healing balm which comes down from the Mercy Seat.

### MATTERS PRESENTED BY PRESIDENT ABBOTT.

President Abbott presented for Dean Eugene Davenport, who was acting for President James, the following matters for consideration:

#### IMPORTATION OF CHEMICALS.

(1) A request from Dr. W. A. Noyes, Director of the Chemistry Laboratory, endorsed by Dean K. C. Babcock, for authority to place an order for the importation of chemicals and apparatus for the year 1915-16, with the recommendation that the desired authority be given.

*Dean K. C. Babcock, College of Liberal Arts and Sciences.*

DEAR DEAN BABCOCK: The Comptroller has called my attention to the advisability of placing our annual order for importation of chemicals and apparatus from Germany much earlier than usual this year. I would respectfully ask permission from the Board of Trustees to place an order for the importation of chemicals and apparatus to an amount not exceeding \$18,000. In order to be prepared to stock the students' lockers in the new building, and also because of the probability of higher prices on account of the war, I am asking for permission to place a larger order than usual. Permission was given for an order not to exceed \$12,000 last year.

We hope to place the order by the first of February, 1915. It is necessary to place the order a number of months in advance so as to have the goods delivered in time for the beginning of school work next fall. The bills, however, would be paid, for the most part, from our appropriation for the year 1915-16.

Yours respectfully,

W. A. NOYES, *Director.*

On motion of Mrs. Evans the recommendation was approved and the sum of \$18,000 was appropriated for purchase of chemicals and apparatus. The vote was as follows: Ayes, Mr. Abbott, Mr. Blair, Mrs. Busey, Mrs. Evans, Mr. Hoit (recorded later), Mr. Montgomery, Mr. Moore; noes, none; absent, Mr. Dunne, Mrs. Henrotin, Mr. Meeker, Mr. Trevett, Miss Watson.

#### OPTION ON BRONSON PROPERTY.

(2) A communication from Prof. J. M. White, Supervising Architect, concerning an option on the Bronson property in Urbana:

URBANA, ILL., November 12, 1914.

*President E. J. James, University of Illinois.*

DEAR SIR: Mr. George Bronson has handed me an option on the Mathews Avenue frontage between Illinois and California Streets, which option he said was requested by the Finance Committee.

He advised Mr. Moore that the option was ready and Mr. Moore told him to deliver it to Mr. Trevett and Mr. Trevett told him to turn it over to me. I have received it and have advised him that it will be brought to the attention of the board as soon as possible but that there was no chance whatever of the land being taken over before December 1, 1914, at which time the option expires.

The consideration is \$25,000, which is practically \$80 per front foot. He says that, if the Trustees will indicate this month their desire to close at the figure mentioned, the actual transfer of the property can be deferred. I advised him that it was my understanding that there would be no funds available for such a purpose before the first of next July.

Yours truly,

JAMES M. WHITE, *Supervising Architect.*

No action was taken concerning this matter.

#### ACQUISITION OF SITE FOR WOMAN'S DORMITORY.

(3) A statement from Judge O. A. Harker, Legal Counsel, concerning the petition to condemn lots 23, 24, and 25 in the Forestry Heights Addition to Urbana: Board of Trustees of University of Illinois, }

Henry L. Rietz, Nellie C. Walton, and } Petition to condemn lots 23, 24, and  
Charles W. Walcott. } 25, in Forestry Heights Addition  
to Urbana.

*To President Edmund J. James, University of Illinois.*

DEAR SIR: I beg to submit to you the following report concerning the above entitled cause:

Petition was presented to Judge William G. Spurgin, Judge of the County Court of Champaign County, Illinois, September 26, 1914, and he set the cause for hearing for the 19th of October, 1914. He ordered jury and defendants to be summoned for that date.

Hearing was had beginning on the 19th of October, which was concluded on October 22, resulting in a verdict fixing the value of each one of the three lots at thirty-five hundred dollars (\$3,500). In view of the fact that the testimony of witnesses introduced by the property owners was for \$4,000 for each lot, the assessment made is satisfactory. In this connection I desire to acknowledge very valuable aid from the Supervising Architect, Prof. James M. White.

The Counsel for the Board of Trustees announced to the court that it would accept the property and requested that time for payment of the compensation and the costs be extended until the 15th of December, 1914. The court granted the request, and, if the property is taken, the compensation and all costs attending the hearing must be paid on or before that date.

Respectfully submitted,

O. A. HARKER,

*Legal Counsel for University of Illinois.*

On motion of Mrs. Evans, the action of the University Counsel in announcing to the court that the board would accept the property at the price fixed by the jury was approved; and the Comptroller was authorized to pay the sum of thirty-five hundred dollars (\$3,500) for each of the three lots to the respective parties, and the necessary court costs; and the Supervising Architect was directed to proceed with the preparation of plans for a Woman's Residence Hall to occupy the site of these lots. The vote was as follows: Ayes, Mr. Abbott, Mr. Blair, Mrs. Busey, Mrs. Evans, Mr. Hoit (recorded later), Mr. Montgomery, Mr. Moore; noes, none; absent, Mr. Dunne, Mrs. Henrotin, Mr. Meeker, Mr. Trevett, Miss Watson.

#### BOND FOR MILITARY SUPPLIES.

The Secretary reported for record that, inasmuch as there was an immediate necessity for the execution of a bond covering property of the United States Government in the possession of the Military Department of the University, the members of the Executive Committee did communicate with one another and did unanimously approve, on October 21, 1914, the following resolution:



*"Resolved, That Prof. George E. Frazer, Comptroller of the Board of Trustees, be authorized to secure a bond from the American Surety Company of New York in the amount of fifty thousand dollars, covering the ordnance and ordnance stores of the United States deposited with the Board of Trustees of the University of Illinois, and that the Comptroller is authorized to execute such bond in the form required by the Chief of Ordnance of the War Department of the United States Government."*

On motion of Superintendent Blair, the action of the members of the Executive Committee was approved and made an act of the board. The vote was as follows: Ayes, Mr. Abbott, Mr. Blair, Mrs. Busey, Mrs. Evans, Mr. Hoit (recorded later), Mr. Montgomery, Mr. Moore; noes, none; absent, Mr. Dunne, Mrs. Henrotin, Mr. Meeker, Mr. Trevett, Miss Watson.

At this point, Mr. Hoit joined the meeting, and, having heard the reading of the motions concerning the importation of chemicals, the appropriation for the purchase of lots for the Woman's Dormitory, and the execution of a bond for military supplies, recorded his vote in the affirmative in each instance.

#### APPROVAL OF MINUTES.

The Secretary presented the minutes of the meeting of September 8, 1914, and of the adjourned session of September 11, 1914. The minutes were approved as printed on pages 114-135 above.

#### C. P. A. CERTIFICATES.

The Secretary presented also a report from Mr. C. M. McConn, Secretary of the University Committee on Accountancy, that the following persons had qualified for the degree of Certified Public Accountant, and that certificates would be issued:

Arthur T. Grossman and Stephen G. Crilly.

This report was received for record.

#### ADMISSION TO LIBRARY SCHOOL.

The Secretary presented also a report from Mr. C. M. McConn, Clerk of the University Senate:

The University Senate, at its meeting of October 5, 1914, voted to recommend to the Board of Trustees the following additional requirement for admission to the Library School, to take effect in September, 1915:

A reading knowledge of at least two modern foreign languages, one of which shall be either French or German.

At the request of Dr. Montgomery, action on this matter was deferred.

#### APPOINTMENTS MADE BY THE PRESIDENT OF THE UNIVERSITY.

The Secretary presented also for record the following list of appointments made by President James:

Atwell, Clarence A., Assistant in General Engineering Drawing, for 9 months beginning October 1, 1914, at a salary of ninety dollars (\$90) a month. (September 29, 1914.)\*

Bach, Erwin G., Assistant in the Department of Pathology and Bacteriology, on one-half time, beginning October 1, 1914, at a salary of five hundred dollars (\$500) for the year. (September 10, 1914.)

Baumgardner, H. C., to assist in the College and Station work of the Department of Animal Husbandry, on three-fourths time, beginning October 1, 1914, and continuing until further notice, at a remuneration of seventy dollars (\$70) a month. (October 17, 1914.)

Baumgartner, Rachel A., Graduate Assistant in Zoology, for the first semester of the present academic year, with a schedule of 12 hours a week, at a stipendium of one hundred fifty dollars (\$150) and exemption from fees other than the matriculation fee. (October 9, 1914.)

Beadles, Jessie R., Stenographer in the Department of Animal Husbandry, at a salary of sixty-five dollars (\$65) a month, beginning when she reports for duty and continuing until further notice, subject to the rules of the Civil Service Commission. (October 31, 1914.)

Becker, Georgia, Stenographer in the Department of Dairy Husbandry, at a salary of sixty-five dollars (\$65) a month, beginning November 1, 1914, and continuing until further notice. (November 3, 1914.)

Broday, Esther, Typist in the Department of Anatomy, at a salary of fifty dollars (\$50) a month, for 8 months, beginning October 1, 1914, subject to the rules of the Civil Service Commission. (October 17, 1914.)

Brunskill, E. R., Student Assistant in Chemistry, for 9 months beginning October 1, 1914, at a salary of ten dollars (\$10) a month. (September 23, 1914.)

\* The date in parenthesis is the date on which the appointment was made by the President of the University.

Curl, Howard, Student Assistant in the College of Medicine, on one-half time, beginning October 1, 1914, and continuing until June 10, 1915, at a salary of four hundred fifty dollars (\$450) for the period. (September 15, 1914.)

Datz, C. P., Student Laboratory Assistant in Chemistry in the School of Pharmacy, for the academic year 1914-15, with a remuneration of seventy-five dollars (\$75) for the year. (October 17, 1914.)

Dieckmann, Thomas W., Student Assistant in the Office of the Director of the Engineering Experiment Station, on one-half time, at a salary of sixty dollars (\$60) a month, beginning October 1, 1914, and continuing until further notice or until June 30, 1915. (September 29, 1914.)

Dierks, George W., Student Assistant in Prosthetic Technics in the College of Dentistry, without salary, for the academic year 1914-15. (September 26, 1914.)

Doisy, E. A., Private Research Fellow in Pharmaceutical Chemistry, with a salary of four hundred dollars (\$400) for the year, to be paid by Dr. J. H. Beal. (September 22, 1914.)

Dreyer, George P., Junior Dean of the College of Medicine, for the academic year beginning September 1, 1914, at a salary of five hundred dollars (\$500) a year. (September 15, 1914.)

Eck, Charles P., Student Assistant in Pharmacology in the College of Medicine, to give three hours service a week during the academic year beginning September 1, 1914, with a remuneration of fifty dollars (\$50) a year. (October 28, 1914.)

Falls, Frederick B., Instructor in Pathology, for the academic year beginning September 1, 1914, at a salary of one thousand dollars (\$1,000) a year; this appointment superseding his former appointment as Fellow in Obstetrics. (September 19, 1914.)

Falls, Frederik B., Instructor in Obstetrics, without salary, for the academic year 1914-15. (September 19, 1914.)

Feldkamp, Amelia, Clerk in the Department of Dairy Husbandry, beginning November 1, 1914, and continuing until further notice, at a salary of fifty-five dollars a month, subject to the rules of the Civil Service Commission; this appointment superseding her former appointment at the rate of fifty dollars a month. (November 3, 1914.)

Fletcher, E. C., Assistant Superintendent of Buildings in the Colleges of Medicine and Dentistry, at a salary of one hundred dollars (\$100) a month, beginning October 1, 1914, and continuing until further notice, subject to the rules of the Civil Service Commission. (October 22, 1914.)

Gaffney, Carl, Technician in the Department of Experimental Medicine, for 10 months beginning September 1, 1914, at a salary of seventy dollars (\$70) a month. (September 10, 1914.)

Galpin, Stella, Loan Assistant in the Library, beginning September 1, 1914, or as soon as she reports for duty, at a salary of seventy dollars (\$70) a month, subject to the rules of the Civil Service Commission. (September 15, 1914.)

Gilmore, Ross E., Assistant in Chemistry, beginning when he reports for duty and continuing until June 30, 1915, with a salary at the rate of fifty dollars (\$50) a month. (September 29, 1914.)

Golden, W. E., Student Assistant in the College of Medicine, to give nine hours service a week, beginning October 1, 1914, and extending to June 10, 1915, at a salary of one hundred fifty dollars (\$150) for the period (September 15, 1914.)

Grabbe, Florence, Typist in the Department of Dairy Husbandry, beginning September 1, 1914, and continuing until further notice, at a salary of sixty-five dollars (\$65) a month, subject to the rules of the Civil Service Commission. (August 14, 1914.)

Grimes, Nathan C., Assistant in Mathematics, for 10 months beginning September 1, 1914, at a salary of one hundred twenty dollars (\$120) a month. (September 16, 1914.)

Hakanson, Eric G., Student Assistant in Mechanotherapy in the College of Medicine, to give three hours service a week during the academic year beginning September 1, 1914, with a remuneration of fifty dollars (\$50) for the year. (September 15, 1914.)

Handschin, W. F., State Leader of County Demonstration Work and Vice Director of the Demonstration Service, for 12 months beginning October 1, 1914, at a salary of three thousand dollars (\$3,000) a year. (September 28, 1914.)

Hayes, Margaret L., University Stenographer, Rank II, in the University Library, at a salary of fifty dollars (\$50) a month, beginning September 1, 1914, and continuing until further notice, subject to the rules of the Civil Service Commission. (September 15, 1914.)

Hayward, Nellie, Saleswoman in the Creamery of the Department of Dairy Husbandry, at a salary of fifty dollars (\$50) a month, beginning November 1, 1914, and continuing until further notice, subject to the rules of the Civil Service Commission. (November 3, 1914.)

Hogue, J. Harvey, Instructor in Foundry Practice, for nine months beginning October 1, 1914, at a salary of one hundred twenty dollars (\$120) a month. (September 29, 1914.)

Hoy, Anna, Trained Nurse in the College of Medicine, at a salary of sixty dollars (\$60) a month, beginning October 5, 1914, and continuing until May 31, 1915, subject to the rules of the Civil Service Commission. (October 17, 1914.)

Jay, Edith L., Stenographer in the Department of Agricultural Extension, at a salary of fifty dollars (\$50) a month, beginning October 1, 1914, and continuing until further notice, subject to the rules of the Civil Service Commission. (October 16, 1914.)

Kern, Floy, Typist in the Library, at a salary of forty dollars (\$40) a month, beginning September 28, 1914, and continuing until further notice, subject to the rules of the Civil Service Commission. (September 29, 1914.)

Kirshman, John E., Fellow in Economics, for ten months beginning September 1, 1914, with a stipendium of four hundred dollars (\$400). (September 26, 1914.)

Krejci, E. J., Student Assistant in Materia Medica in the College of Dentistry, without salary, for the academic year 1914-15. (September 26, 1914.)

Krudwig, Edna, Technician in the Laboratory in the Department of Pathology, for ten months beginning September 1, 1914, at a salary of forty dollars (\$40) a month. (September 28, 1914.)

Lefkoff, Theresa G., Beneficiary under the Rea Scholarship Fund in the College of Medicine, for the academic year 1914-15, with a stipendium of sixty dollars (\$60) a year. (October 16, 1914.)

McQuigg, Kate F. M., Library Clerk in the College of Medicine, at a salary of fifty dollars (\$50) a month, beginning November 15, 1914, and continuing until further notice, subject to the rules of the Civil Service Commission. (November 11, 1914.)

Malick, H. M., Student Laboratory Assistant in Chemistry in the School of Pharmacy, for the academic year 1914-15, with a remuneration of seventy-five dollars (\$75) for the year. (October 17, 1914.)

Manley, Verna A., Stenographer in the Department of Agronomy, at a salary of fifty dollars (\$50) a month, beginning October 1, 1914, and continuing until further notice, subject to the rules of the Civil Service Commission. (October 21, 1914.)

Metcalf, Herbert E., Graduate Assistant in Zoology, for ten months beginning September 1, 1914, at a salary of thirty dollars (\$30) a month. (September 29, 1914.)

Miller, Eva G., Scientific Assistant and Cataloger in the Museum of Natural History, beginning September 1, 1914, at a salary of eight hundred dollars (\$800) a year. (September 17, 1914.)

Nebel, Merie L., Research Fellow in Mining Engineering in the Engineering Experiment Station, for 10 months beginning September 1, 1914, with a stipendium of fifty dollars (\$50) a month. (September 15, 1914.)

Moore, J. J., Assistant in the Department of Experimental Medicine, with the rank of Associate, for 12 months beginning September 1, 1914, at a salary of eighteen hundred dollars (\$1,800) a year. (September 9, 1914.)

Nauman, A. G., Instructor in Materia Medica in the College of Dentistry, for the academic year 1914-15, without salary. (September 10, 1914.)

Putnam, William J., Instructor in Theoretical and Applied Mechanics, for 10 months beginning September 1, 1914, at a salary of one hundred twenty dollars (\$120) a month. (September 10, 1914.)

Rahn, Carl, Instructor in Psychology, for 5 months beginning February 1, 1915, at a salary of one hundred fifty dollars (\$150) a month. (November 6, 1914.)

Redwood, Charles W., Scientific Artist in the Department of Zoology, beginning October 15, 1914, and continuing until June 30, 1915, at a salary of one hundred twenty dollars (\$120) a month. (October 16, 1914.)

Reed, Homer B., Instructor in Psychology, for 5 months beginning September 1, 1914, at a salary of seven hundred dollars (\$700) for the period. (September 22, 1914.)

Riggs, Elmer S., Lecturer on Comparative Anatomy in the College of Dentistry, for the academic year 1914-15, at a salary of one hundred fifty dollars (\$150) for the course. (September 10, 1914.)

Roberts, Nellie R., Cataloger in the Library on one-half time beginning September 21, 1914, and continuing until August 31, 1915, at a salary of thirty-two dollars and fifty cents (\$32.50) a month. (September 23, 1914.)

Sabin, Ethel E., Fellow in Philosophy, for ten months beginning September 1, 1914, with a stipendium of thirty-five dollars (\$35) a month; this appointment superseding her former appointment at thirty dollars a month. (October 17, 1914.)

Saha, Pramathanath, Beneficiary under the Rea Scholarship Fund in the College of Medicine, for the academic year 1914-15, with a stipendium of sixty dollars (\$60) a year. (October 16, 1914.)

Schiff, Nathan S., Student Assistant in Pharmacology in the College of Medicine, to give three hours service a week during the academic year beginning September 1, 1914, with a remuneration of fifty dollars (\$50) a year. (October 28, 1914.)

Scott, Bertha M., Stenographer in the Department of Chemistry, at a salary of fifty dollars (\$50) a month, beginning October 1, 1914, and continuing until further notice, subject to the rules of the Civil Service Commission. (October 17, 1914.)

Seaberg, Elin M., Trained Nurse in the College of Medicine, at a salary of sixty dollars (\$60) a month, beginning October 5, 1914, and continuing until May 31, 1915, subject to the rules of the Civil Service Commission. (October 17, 1914.)

Sellin, Joseph L., Student Assistant in the College of Medicine, to give nine hours service a week, beginning October 1, 1914, and extending to June 10, 1915, at a salary of one hundred fifty dollars (\$150) for the period. (September 15, 1914.)

Shaklee, A. O., Assistant Professor of Pharmacology, for one year beginning September 1, 1914, at a salary of two thousand dollars (\$2,000) a year. (September 28, 1914.)

Shiner, Robert T., to assist in the College and Station work of the Department of Animal Husbandry, on three-fourths time, beginning October 1, 1914, and continuing until further notice, at a remuneration of seventy dollars (\$70) a month. (October 17, 1914.)

Signor, Nelle, Cataloger in the Library, on one-half time, beginning September 21, 1914, and continuing until August 31, 1915, at a salary of thirty-two dollars and fifty cents (\$32.50) a month. (September 23, 1914.)

Simmonds, Walter E., Assistant in Physical Therapy in the College of Medicine, on one-half time, for the academic year 1914-15, at a salary of five hundred dollars (\$500) a year. (September 15, 1914.)

Sinnock, Julia, Stenographer in the office of the Supervising Architect, at a salary of fifty dollars (\$50) a month, beginning September 24, 1914, and continuing until further notice, subject to the rules of the Civil Service Commission. (October 8, 1914.)

Smith, Clayton S., Instructor in Physiological Chemistry in the College of Medicine, for the academic year 1914-15, at a salary of two thousand dollars (\$2,000) a year. (September 15, 1914.)

Soto, Rafael, Assistant in Romance Languages, beginning when he reports for duty and continuing until June 30, 1915, at a salary of one hundred dollars (\$100) a month. (September 29, 1914.)

Spindler, George W., Assistant in German, on part time, for the first semester of the academic year 1914-15, at a remuneration of one hundred twenty-five dollars (\$125) for the semester. (October 9, 1914.)

Stanton, William M., Assistant in Architecture, for ten months beginning September 1, 1914, at a salary of one hundred twenty dollars (\$120) a month. (September 15, 1914.)

Stewart, Charles L., Fellow in Economics, for ten months beginning September 1, 1914, with a stipend of forty-five dollars (\$45) a month; this appointment superseding his former appointment as traveling fellow with a stipend of one thousand dollars. (September 26, 1914.)

Stidston, Russell O., Instructor in English for the academic year 1914-15; this appointment superseding his former appointment as Assistant in English without change of salary. (October 31, 1914.)

von Tessmar, Otto, Technician in Gross Anatomy, beginning September 15, 1914, and continuing until further notice or until June 30, 1915, at a salary of fifty dollars (\$50) a month. (September 19, 1914.)

von Tessmar, Otto, Technician in Grass Anatomy, beginning October 1, 1914, and continuing until June 30, 1915, at a salary of fifty-five dollars (\$55) a month; this appointment superseding his former appointment at fifty dollars a month. (October 17, 1914.)

Tinsley, R. W., Scholar in German, for ten months beginning September 1, 1914, with a stipend of twenty-five dollars (\$25) a month. (October 5, 1914.)

Ton, A., Student Laboratory Assistant in Chemistry in the School of Pharmacy for the academic year 1914-15, with a remuneration of seventy-five dollars (\$75) for the year. (October 17, 1914.)

Torgerson, Edward F., Assistant in Soil Physics in the Agricultural Experiment Station, beginning October 1, 1914, with a salary at the rate of eight hundred forty dollars (\$840) a year. (October 9, 1914.)

Trippett, S. P., Student Laboratory Assistant in Chemistry in the School of Pharmacy, for the academic year 1914-15, with a remuneration of seventy-five dollars (\$75) for the year. (October 17, 1914.)

Upp, R. W., Student Assistant in Operative Technics in the College of Dentistry, without salary, for the academic year 1914-15. (September 26, 1914.)

Vartanian, Mandiros B., Beneficiary under the Rea Scholarship Fund in the College of Medicine, for the academic year 1914-15, with a stipendium of sixty dollars (\$60) a year. (October 16, 1914.)

Varzhabedian, Mhrain A., Beneficiary under the Rea Scholarship Fund in the College of Medicine, for the academic year 1914-15, with a stipendium of sixty dollars (\$60) a year. (October 16, 1914.)

Walsh, Ethel M., Stenographer in the Cooperative Mining Investigations, at a salary of fifty dollars (\$50) a month, beginning October 1, 1914, and continuing until further notice, subject to the rules of the Civil Service Commission. (October 23, 1914.)

Weedon, M. G., Technician in the Department of Pathology, for twelve months beginning September 1, 1914, at a salary of sixty dollars (\$60) a month. (September 9, 1914.)

Weiland, Henry J., Research Assistant in Physical Chemistry, on one-half time, for nine months beginning October 1, 1914, at a salary of five hundred dollars (\$500) for the period; this appointment superseding his former appointment as Assistant in Chemistry. (September 29, 1914.)

De Werff, Henry A., Assistant in Soil Physics in the Agricultural Experiment Station, beginning October 1, 1914, with a salary at the rate of eight hundred forty dollars (\$840) a year. (October 9, 1914.)

Wilson, Harry H., Student Assistant in Pharmacology in the College of Medicine, to give three hours service a week during the academic year beginning September 1, 1914, with remuneration of fifty dollars a year. (October 28, 1914.)

Winslow, John C., Laboratory Assistant in Bacteriology, for ten months beginning September 1, 1914, at a salary of fifty-four dollars (\$54) a month; this appointment superseding his former appointment at the rate of thirty dollars a month. (October 16, 1914.)

#### COMPTROLLER'S REPORT.

The Secretary presented also for record the report of the Comptroller, Prof. George E. Frazer, for the quarter ending September 30, 1914:

October 15, 1914.

*Hon. W. L. Abbott, President Board of Trustees, University of Illinois.*

DEAR SIR: I have the honor to hand you herewith a report showing the status of the accounts of the business office as at the close of the quarter ending September 30, 1914.

Under separate cover, as a part of this report, are presented lists of warrants drawn on the University Treasurer, and of vouchers certified to the State Auditor for payment.

Very truly yours,

GEORGE E. FRAZER, *Comptroller.*

## SCHEDULE 1.

## SUMMARY OF RECEIPTS AND DISBURSEMENTS AS AT SEPT. 30, 1914.

	Balance.	Cash receipts Schedule 2.	State revenue.	Total.
University Treasurer—				
General.....	\$71,783 11	\$192,466 25	.....	\$ 264,249 36
United States Agricultural Experiment Station.....	274 83	7,519 50	.....	7,794 33
Trusts.....	3,451 31	19,730 97	.....	23,182 28
Petty cash—				
Bursar.....	5,000 00	.....	.....	5,000 00
Secretary, College of Medicine.....	300 00	.....	.....	300 00
Actuary, School of Pharmacy.....	250 00	.....	.....	250 00
Vice Director, Agricultural Experiment Station.....	600 00	.....	.....	600 00
State Auditor—				
Operation, maintenance and equipment.....	.....	.....	\$1,600,000 00	1,600,000 00
Buildings, land and equipment.....	.....	.....	650,000 00	650,000 00
Water survey and investigation.....	2,310 56	.....	21,500 00	23,810 56
Mechanics and Miners' institutes.....	5,473 58	.....	15,000 00	20,473 58
Total.....	\$89,443 39	\$219,716 72	\$2,296,500 00	\$2,595,660 11

## SCHEDULE 1—Concluded.

	Disbursements Schedule 3.	Balances.	
		Items.	Totals.
University Treasurer—			
General.....	\$83,404 29	\$180,845 07	\$ 202,726 87
United States Agricultural Experiment Station.....	5,788 41	2,005 92	
Trusts.....	3,306 40	19,875 88	
Petty cash—			
Bursar.....	.....	\$5,000 00	6,150 00
Secretary, College of Medicine.....	.....	300 00	
Actuary, School of Pharmacy.....	.....	250 00	
Vice Director, Agricultural Experiment Station.....	.....	600 00	
State Auditor—			
Operation, maintenance and equipment.....	401,450 06	\$1,198,549 94	1,759,178 35
Buildings, land and equipment.....	122,788 46	527,211 54	
Water survey and investigation.....	5,675 38	18,135 18	
Mechanics and Miners' Institutes.....	5,191 89	15,281 69	
Total.....	\$627,604 89		\$1,968,055 22

## SCHEDULE 2.

## CASH RECEIPTS SEPTEMBER, 1914.

	Pre-viously reported.	Month ending Sept. 30, 1914.	Total receipts.
GENERAL FUND.			
Agricultural College and Experiment Station—			
Press service.....	\$ 67 60	\$10 00	\$ 77 60
Agronomy College—			
Farm Mechanics.....	33 40	.....	33 40
Soil Fertility.....	270 05	50	270 55
Soil Physics.....	43 75	.....	43 75

## SCHEDULE 2—Continued.

	Pre- viously reported.	Month ending Sept. 30, 1914.	Total receipts.
Agronomy Experiment Station Fields—			
Agronomy Experiment Fields.....	\$ 673 55	\$ 11 23	\$ 684 78
Agronomy Experiment Station Crops—			
Crop Production Station.....	102 32	617 40	719 72
Animal Husbandry College—			
Animal Husbandry Administration.....	3 37		3 37
Beef cattle.....	133 60	12 75	146 35
Animal Husbandry Education.....		4 00	4 00
General and farming.....	480 82		480 82
Horses.....	10 00		10 00
Poultry.....	248 14	11 87	260 01
Sheep.....	50 00	50 00	100 00
Swine.....	10 75	677 19	687 94
Animal Husbandry Experiment Station—			
Beef Cattle Station.....	8,002 06	356 60	8,358 66
General and Farming Station.....	480 81		480 81
Sheep Station.....	65 00	124 32	189 32
Swine Station.....	10 00	677 20	687 20
Animal Husbandry Station—bulletins and publications.....	1 20		1 20
Cafeteria.....	1,795 59	593 89	2,389 48
Dairy Husbandry College—			
Creamery.....	6,726 70	2,495 76	9,222 46
Dairy Bacteriology.....	2,484 21	610 19	3,094 40
Pure bred herd.....	75 00	150 00	225 00
Dairy Experiment Station—			
Official Testing Station.....	504 50		504 50
Dairy Bacteriology Station.....		101 26	101 26
Dairy Experiment Herd Station.....	176 35		176 35
Dairy Farm Station.....	10 00		10 00
Testing Association Station.....		320 00	320 00
Horticulture College—			
Landscape extension.....		18 00	18 00
Pomology.....		180 88	180 88
Olericulture.....		186 80	186 80
Olney Farm.....		50 90	50 90
Urbana Farm.....		121 06	121 06
Horticulture general and farming.....		120 81	120 81
Horticulture Experiment Station—			
Horticulture Plant Breeding Station.....		26 35	26 35
Household Science.....		7 85	7 85
Total.....	\$22,458 77	\$7,536 81	\$29,995 58
Engineering College—			
Ceramics.....	\$ 5 50		\$ 5 50
Civil Engineering.....	35 00	\$34 00	69 00
Engineering Experiment Station.....	75 05	27 21	102 26
Electrical Engineering.....	35 75		35 75
Mechanical Engineering.....	5 74		5 74
Mining Engineering.....		3 92	3 92
Theoretical and Applied Mechanics.....	454 86	280 20	735 06
Total.....	\$611 90	\$345 33	\$957 23
College of Liberal Arts and Sciences—			
Chemistry.....	\$11 11	\$20 00	\$31 11
Classical Museum.....		95 85	95 85
Total.....	\$11 11	\$115 85	\$126 96
College of Dentistry—			
Infirmary Clinic.....	\$393 25	\$209 00	\$602 25
Matriculation 1914-1915.....	135 00	30 00	165 00
Total.....	\$528 25	\$239 00	\$767 25
College of Medicine—			
Dispensary.....	\$ 85 15	\$ 71 60	\$156 75
General, 1913-1914.....	207 00	125 00	332 00
General Summer Term.....	410 00	70 00	480 00
Interest.....	284 00		284 00
Matriculation.....	40 00		40 00
Laboratory breakage.....	97 15		97 15
Laboratory, 1912-1913.....		3 70	3 70
Rebates.....	28 05		28 05
Total.....	\$1,131 35	\$270 30	\$1,401 65

## SCHEDULE 2—Concluded.

	Pre- viously reported.	Month ending Sept. 30, 1914.	Total receipts.
<b>Physical plant—</b>			
Buildings .....	\$ 63 81	\$ 1 00	\$ 64 81
Grounds.....		1 00	1 00
Heating and lighting.....	1 84	308 19	310 03
Labor.....		24 69	24 69
<b>Rents—</b>			
Armory.....	30 00		30 00
Houses.....	193 50	60 00	253 50
Sale of houses.....	330 00	500 00	830 00
Supervising Architect's office.....	261 02	47 33	308 35
Telephone exchange.....	4 75		4 75
<b>Total.....</b>	<b>\$884 92</b>	<b>\$942 21</b>	<b>\$1,827 13</b>
<b>Miscellaneous—</b>			
Accountancy.....	\$ 75		\$ 75
<i>Alumni Record</i> .....	13 50		13 50
Blue printing.....	136 89	\$ 30	137 19
Business office.....	10 50		10 50
<b>Fee collections—</b>			
General and laboratory.....	907 50	75,573 50	76,481 00
Lockers Men's Gymnasium—general.....	20 00	1,361 00	1,381 00
Lockers Men's Gymnasium—faculty.....		73 00	73 00
Lockers Women's Gymnasium.....	6 50	312 00	318 50
Lockers shop and laboratory.....		103 00	103 00
Freshmen Advisers.....	25 00		25 00
Gregory Memorial.....	15 06		15 06
Interest on endowment fund.....	16,211 07		16,211 07
Library salaries.....	8 00		8 00
Library.....	31		31
Library stacks additions.....		120 82	120 82
Lincoln Hall improvements.....		81	81
Morrill Fund.....	25,000 00		25,000 00
Military Department.....		2 02	2 02
Nelson Fund.....	25,000 00		25,000 00
Orchestral concerts.....		1,854 00	1,854 00
Office supply stores.....	167 34	28	167 62
President's office.....	1 25		1 25
Printograph.....	12 43	4 09	16 52
Physical plant stores.....		13 62	13 62
Summer Session 1914.....	85 50		85 50
Student Associations.....		25	25
Water survey.....	31 35		31 35
<b>Total.....</b>	<b>\$67,652 95</b>	<b>\$79,418 69</b>	<b>\$147,071 64</b>
<b>School of Pharmacy—</b>			
Laboratory deposits.....		\$ 1,861 00	\$1,861 00
Laboratory balances 1913-1914.....	\$ 81		81
Matriculation.....	120 00	250 00	370 00
Tuition.....	170 00	7,917 00	8,087 00
<b>Total.....</b>	<b>\$290 81</b>	<b>\$10,028 00</b>	<b>\$10,318 81</b>
<b>Total—general funds.....</b>	<b>\$93,570 06</b>	<b>\$98,896 19</b>	<b>\$192,466 25</b>
<b>TRUST FUNDS.</b>			
See Schedule 301, total.....	\$1,134 02	\$18,596 95	\$19,730 97
<b>UNITED STATES AGRICULTURAL EXPERIMENT STATION.</b>			
Adams Fund.....	\$3,750 00		\$3,750 00
Adams Fund receipts.....		\$19 50	19 50
Hatch Fund.....	3,750 00		3,750 00
<b>Total.....</b>	<b>\$7,500 00</b>	<b>\$19 50</b>	<b>\$7,519 50</b>
<b>SUMMARY.</b>			
General University.....	\$93,570 06	\$98,896 19	\$192,466 25
Trust Funds.....	1,134 02	18,596 95	19,730 97
United States Agricultural Experiment Station.....	7,500 00	19 50	7,519 50
<b>Total.....</b>	<b>\$102,204 08</b>	<b>\$117,512 64</b>	<b>\$219,716 72</b>

## SCHEDULE 3.

## SUMMARY OF APPROPRIATIONS AS AT SEPT. 30, 1914.

Schedule number.	Appropriation for—	Cash disbursements.	Transfer charges.	Open market orders.	Job orders.
31	Land, buildings and equipment.....	\$ 83,169 97	\$ 1,330 44	\$14,554 36	\$23,793 00
32	Physical plant.....	37,110 81	19,365 44	10,565 87	10,381 50
33	Administration and general experiment.....	56,392 86	1,515 37	4,678 44	355 50
34	College of Liberal Arts and Sciences.....	86,419 25	1,048 75	17,763 70	5,180 00
35	Agricultural College and Experiment Station.....	142,631 91	2,589 00	24,398 37	7,357 75
36	Engineering College and Experiment Station.....	61,221 04	854 80	3,204 93	776 00
37	Graduate School.....	5,868 64	38 37	1,116 40	3 00
38	College of Medicine and Dentistry.....	33,397 43	684 45	7,558 73	.....
39	Other schools and departments.....	118,086 58	269 10	2,399 32	30 00
301	Trust funds.....	3,306 40	.....	.....	.....
	Total.....	\$627,604 89	\$27,695 72	\$86,240 12	\$47,876 75

## SCHEDULE 3—Concluded.

Schedule number.	Appropriation for—	Library orders.	Contracts.	Total charges.
31	Land, buildings and equipment.....	.....	\$394,239 85	\$517,087 62
32	Physical plant.....	.....	15,515 00	92,938 62
33	Administration and general experiment.....	\$8,789 54	4,600 00	76,340 71
34	College of Liberal Arts and Sciences.....	.....	.....	110,411 70
35	Agricultural College and Experiment Station.....	1 81	1,266 18	178,245 02
36	Engineering College and Experiment Station.....	98 46	.....	66,155 23
37	Graduate School.....	15 05	.....	7,041 46
38	College of Medicine and Dentistry.....	.....	16,669 50	58,310 11
39	Other schools and departments.....	2,765 49	4,500 00	128,050 49
301	Trust funds.....	.....	.....	3,306 40
	Total.....	\$11,679 35	\$436,790 53	\$1,237,887 36

## SCHEDULE 31.

## STATEMENT OF APPROPRIATIONS FOR LAND, BUILDINGS, AND EQUIPMENT AS AT SEPT. 30, 1914.

	Cash disbursements.	Transfer charges.	Open market orders.	Job orders.	Contracts.	Total.
Land and land improvements—						
Land.....	\$10,725 50	.....	.....	.....	.....	\$ 10,725 50
Campus lighting.....	2,050 35	\$140 15	\$ 20 00	\$ 350 00	.....	2,560 50
Switch track.....	520 39	1 65	2,615 00	190 00	.....	3,327 04
Campus extension.....	.....	9 57	.....	.....	.....	9 57
Pavements and walks.....	1,354 72	.....	.....	.....	.....	1,354 72
Tennis courts.....	.....	.....	.....	300 00	.....	300 00
Woman's playground.....	217 79	15	.....	.....	.....	217 94
Buildings—						
Armory (New).....	26,345 06	478 55	2,890 23	2,815 00	\$ 20,414 31	52,943 21
Armory (Old) improvements.....	42 83	11 76	200 00	1,650 00	.....	1,904 59
Auditorium.....	1,777 58	95 03	3,779 75	3,660 00	.....	9,312 36
Administration Building.....	2,973 53	20 35	.....	.....	119,555 36	122,549 24
Boiler house addition.....	7,734 98	114 46	30 00	2,210 00	2,803 91	12,893 35
Botanical Laboratory.....	2,160 30	14 15	3,619 59	3,541 00	4,675 00	14,010 04
Ceramics Building.....	.....	4 55	.....	.....	.....	4 55
Chemistry Building addition.....	9,232 03	35 49	703 00	5,040 00	225,610 68	240,621 20
Commerce Building (1912-1913).....	109 18	.....	.....	.....	.....	109 18
Education Building.....	7 00	23 87	.....	.....	.....	23 87
Law Building (1912-1913).....	.....	.....	91 88	.....	.....	91 88
Library stacks addition.....	12,190 09	33 20	.....	800 00	8,994 54	22,109 71
Lincoln Hall improvements.....	68 40	1 15	.....	500 00	.....	569 55



## SCHEDULE 31—Concluded.

	Cash disburse- ments.	Transfer charges.	Open market orders.	Job orders.	Contracts.	Total.
<b>Buildings—Concluded.</b>						
Observatory.....	\$ 523 88	\$ 75 41	\$166 00	\$ 480 00	\$ 986 05	\$ 2,231 34
Storehouse.....	6 27	175 72		2,000 00		2,175 72
Zoology Vivarium.....		5 02	395 85	235 00		642 14
Music Building.....		20				20
Mining Laboratory.....		1 70				1 70
General equipment—						
Furniture and fixtures.....	88 52	88 31	43 00	22 00		241 83
Pipe organ.....	5,061 57				11,200 00	16,261 57
<b>Total.....</b>	<b>\$83,169 97</b>	<b>\$1,330 44</b>	<b>\$14,554 36</b>	<b>\$23,793 00</b>	<b>\$394,239 85</b>	<b>\$517,087 62</b>

## SCHEDULE 32.

## STATEMENT OF APPROPRIATIONS FOR PHYSICAL PLANT AS AT SEPT. 30, 1914.

	Cash disburse- ments.	Transfer charges.	Open market orders.	Job orders.	Con- tracts.	Total.
<b>Extension—</b>						
Electrical conduit extension.....	\$ 1,274 00			\$ 225 00		\$ 1,499 00
Fire protection equipment.....	232 25		\$ 34 50			266 75
Heating and lighting plant.....	11,785 47	\$ 95	6,146 55	1,415 00	\$9,133 00	28,480 97
Telephone extension.....	571 30					571 30
Tunnel extension.....				400 00	6,382 00	6,782 00
Water Station extension.....	803 11	35	450 00	115 00		1,388 46
Heating extension.....	315 32	57	2,690 00	6,575 00		9,580 89
Auto truck.....	450 00					450 00
<b>Operation and maintenance—</b>						
Salaries.....	4,879 93					4,879 93
Administration.....	1,967 86	2,272 97	461 75	109 00		4,811 58
Heating and lighting.....	6,223 12	3,864 75	34 30	545 00		10,667 17
Building operation.....	6,815 77	6,121 20	44 70			12,981 67
Buildings maintenance.....	15 85	4,695 14	157 50	962 50		5,830 99
Grounds.....	1,163 18	1,471 50	17 95	35 00		2,687 63
Fire protection.....	233 33	327 12				560 45
Water Station.....	111 87	409 70	528 62			1,050 19
Telephone exchange.....	268 45	201 19				469 64
<b>Total.....</b>	<b>\$37,110 81</b>	<b>\$19,365 44</b>	<b>\$10,565 87</b>	<b>\$10,381 50</b>	<b>\$15,515 00</b>	<b>\$92,938 62</b>

## SCHEDULE 33.

## STATEMENT OF APPROPRIATIONS FOR ADMINISTRATION AND GENERAL EXPENSE AS AT SEPT. 30, 1914.

	Cash disburse- ments.	Transfer charges.	Open market orders.	Job orders.	Library orders.	Con- tracts.	Total.
<b>Administrative offices—</b>							
Salaries.....	\$13,549 04						\$13,549 04
Board of Trustees.....	1,078 74	\$ 17 00					1,095 74
Quarterly audit.....	438 49						438 49
President's office.....	540 88	253 09	\$ 15 00	\$ 1 00			809 97
Vice President's office.....	59 39						59 39
Business office.....	2,017 64	397 49	97 00	42 00			2,554 13
Registrar's office.....	1,857 14	258 84	2,560 60				4,676 58
Council of Administration.....	160 65		60 00				220 65
Legal Counsel.....	29 84						29 84
Treasurer's office.....	150 00						150 00
<b>General departments—</b>							
Salaries.....	16,537 49						16,537 49
Library additions.....	11,935 89	105 00			\$8,798 54		20,839 43
Library.....	2,537 68	237 47	533 65	64 00			3,422 80
Dean of Men.....	175 60	92 53	36 55	2 50			307 18
Dean of Women.....	107 91	34 42	6 00				148 33

## SCHEDULE 33—Concluded.

	Cash disburse- ments.	Transfer charges.	Open market orders.	Job orders.	Library orders.	Con- tracts.	Total.
General departments—Con- cluded.							
Physical Training for Men.	\$ 41 65	\$16 48	\$362 85	\$ 19 00			\$ 439 98
Physical Training for Women	50 78	30 96	15 00	10 00			106 74
Military	764 95	10 14	145 75	173 00			1,093 84
High School Visitor	79 08	85					79 93
High School Conference	16 87						16 87
Blue printing	771 70	13 32	301 31	21 00			1,107 33
Publications—							
Mississippi Valley History Review	75 00						75 00
Alumni Record	2 78						2 78
Alumni Quarterly	250 00						250 00
Annual Register	39 00						39 00
Directory of Matriculants	394 74	13 00					407 74
Press service	11 00	6 20					17 20
General	100 00	44	1 98				102 42
Journal of English and Germanic Philology		40		3 00			3 40
Student's Handbook	300 00						300 00
Comptroller's Report	126 75	13 84	357 75				498 34
Diplomas	62 62						62 62
Weekly Calendar	8 60						8 60
General expense—							
Gregory Memorial	375 27	85	41 50	20 00			437 62
Emergency Hospital			81 00				81 00
Towel system	147 39						147 39
Orchestra concerts	32 42	11 10	12 50			\$4,600 00	4,656 02
Convocations	422 09	1 95					424 04
Rebates to students	1,182 40						1,182 40
Total	\$56,392 86	\$1,515 37	\$4,678 44	\$355 50	\$8,798 54	\$4,600 00	\$76,340 71

## SCHEDULE 34.

STATEMENT OF APPROPRIATIONS FOR COLLEGE OF LIBERAL ARTS AND SCIENCES AS AT  
SEPT. 30, 1914.

	Cash disburse- ments.	Transfer charges.	Open market orders.	Job orders.	Total.
Salaries	\$75,808 35				\$75,808 35
Administration	313 21	\$ 5 31	\$ 38 25		356 59
Art and Design	6 00	10 00	8 00		24 00
Astronomy	81 19	5 72	164 50	\$ 24 00	275 41
Bacteriology	381 27	38 51	353 65	122 00	895 43
Botany	349 61	24 61	3,551 88		3,926 10
Ceramics	685 40	151 28	670 70	90 00	1,597 38
Ceramics cooperative investigation	745 54				745 54
Chemistry	6,437 45	580 66	11,128 10	4,807 00	22,953 21
Classics	1 62		5 00		6 62
Education	187 47	140 42	19 00		346 89
Educational survey	25 35	2 25			27 60
English	187 52	10 03	102 20		299 75
Entomology	41 62		2 00		43 62
Geology	1 51	1 73	129 60	3 00	135 84
German	32 00	2 00			34 00
History	4 34	47 27			51 61
Mathematics	190 13	4 08	15 00	4 00	213 21
Philosophy	28	2 08		53 00	55 36
Physiology	177 35		246 34		423 69
Political Science	2 75	3 48			6 23
Psychology	108 70		257 75	30 00	396 45
Romance Language	21 12				21 12
Sociology	10 20	4 50	4 00		18 70
Zoology	445 94	15 00	386 48	47 00	894 42
Museums—					
Classical	160 60		651 25		811 85
European Culture	4 40				4 40
Natural History	8 33		30 00		38 33
Total	\$86,419 25	\$1,048 75	\$17,763 70	\$5,180 00	\$110,411 70

## SCHEDULE 35.

STATEMENT OF APPROPRIATIONS FOR AGRICULTURAL COLLEGE AND EXPERIMENT STATION  
AS AT SEPT. 30, 1914.

	Cash disburse- ments.	Transfer charges.	Open market orders.	Job orders.	Library orders.	Contract.	Total.
Buildings .....			\$ 200 00	\$ 127 00		\$994 03	\$ 1,354 04
Stock pavilion.....	\$ 9 81	\$ 23 20					30 75
Horticulture Glass Houses .....	30 75			5,000 00			5,005 56
Animal Nutrition Labor- atory .....		5 56					1 75
Feeding plant.....		1 75					
College .....			165 00	45 00	\$ 76		3,708 68
Administration .....	3,434 77	63 15	*1,020 29	25 00			5,491 42
Agricultural extension .....	4,200 91	245 22	*639 60	284 00			12,636 15
Agronomy, Schedule 351..	11,207 12	496 43	*4,461 57	661 50			24,951 63
Animal Husbandry, Schedule 352.....	19,460 74	367 82	3,160 54	328 00			18,870 72
Dairy Husbandry, Schedule 353.....	15,063 03	319 15	*1,301 37	59 25	1 05	272 15	18,159 29
Horticulture, Schedule 354.....	16,149 68	375 79	*482 32	50 00			5,798 00
Household Science.....	5,252 45	22 23	*1,149 30	12 00			3,462 29
Cafeteria.....	2,052 54	248 45					624 99
Veterinary Science .....	624 99		15 08				1,040 29
Agricultural press serv- ice.....	974 11	51 10	100 00				1,154 85
Animal Husbandry speci- mens.....	1,054 85						
Experiment Station.....			*2,441 35	3 00			31,394 55
Agronomy, Schedule 351..	28,898 51	51 69	*344 61	376 50			7,542 94
Animal Husbandry, Schedule 352.....	6,667 83	154 00	*837 43	354 00			8,859 36
Dairy, Schedule 353 .....	7,543 77	124 16	*347 72	5 00			10,528 30
Horticulture, Schedule 354.....	10,136 28	39 30					
United States Experiment Station .....							1,378 50
Hatch Administration.....	1,378 50						150 00
Hatch Agronomy .....	150 00		*300 75	2 50			1,517 36
Hatch Dairy Husbandry .....	1,214 11		15 50	25 00			487 57
Hatch Nitrogen Fixation Research.....	447 07						300 00
Adams Administration .....	300 00		*18 43				753 53
Adams Animal Hus- bandry.....	735 10						1,566 64
Adams Horticulture.....	1,566 64						
Soil maps.....	4,078 35		7,397 51				11,475 86
Total.....	\$142,631 91	\$2,589 00	\$24,398 37	\$7,357 75	\$1 81	\$1,266 18	\$178,245 02

\* Including orders carried forward from 1913-1914.

## SCHEDULE 351.

## STATEMENT OF APPROPRIATIONS FOR AGRONOMY AS AT SEPT. 30, 1914.

	Cash disburse- ments.	Transfer charges.	Open market orders.	Job orders.	Total.
College—					
Crop production.....	\$1,428 53	\$ 25 61		\$ 2 00	\$1,456 19
Farm mechanics.....	2,631 32	113 98	\$ 71 00	240 00	3,056 30
Plant breeding .....	923 48	21 09		12 00	956 57
Soil fertility.....	3,803 69	107 35	31 50	30 00	3,972 54
Soil physics.....	2,420 05	228 40	459 50		3,107 95
Total, Schedule 35.....	\$11,207 12	\$496 43	\$562 00	\$284 00	\$12,549 55
Experiment Station—					
Agronomy Experiment Station soil—					
Agronomy Experiment fields.....	\$10,204 17		\$1,142 01	\$3 00	\$11,349 18
Soils analysis.....	4,054 80	\$37 51	5 50		4,097 81
Soil survey .....	7,864 30	3 85			7,868 15
Soil extension.....	653 36				653 36

## SCHEDULE 351—Concluded.

	Cash disburse- ments.	Transfer charges.	Open market orders.	Job orders.	Total.
Experiment Station—Concluded.					
Agronomy Experiment Station crops—					
Crop production.....	\$3,834 53	\$5 20	\$78 38	.....	\$3,918 11
Plant breeding.....	2,287 35	5 13	57 00	.....	2,329 48
Total, Schedule 35.....	\$28,898 51	\$51 69	\$1,262 89	\$3 00	\$30,216 09
United States Experiment Station—					
Hatch soil fertility.....	\$150 00	.....	.....	.....	\$150 00
Total, Schedule 35.....	\$150 00	.....	.....	.....	\$150 00

## SCHEDULE 352.

## STATEMENT OF APPROPRIATIONS FOR ANIMAL HUSBANDRY AS AT SEPT. 30, 1914.

	Cash disburse- ments.	Transfer charges.	Open market orders.	Job orders.	Total.
College—					
Administration.....	\$8,898 83	\$ 81 99	\$ 291 28	\$ 8 00	\$9,280 10
Animal Nutrition.....	869 90	46 38	2 75	.....	919 03
Beef cattle.....	2,057 26	.....	1,392 64	30 00	3,479 90
Education.....	228 98	10 55	37 60	59 00	336 13
General and farming.....	2,066 93	.....	283 97	10 00	2,360 90
Genetics.....	28 21	163 44	5 65	291 50	488 80
Horses.....	2,475 84	.....	899 30	.....	3,375 14
Poultry.....	1,062 55	.....	3 30	210 00	1,275 85
Sheep.....	653 95	45 54	38 30	40 00	777 81
Swine.....	1,118 29	19 90	64 00	13 00	1,215 19
Total, Schedule 35.....	\$19,460 74	\$367 82	\$3,018 79	\$661 50	\$23,508 85
Experiment Station—					
Administration.....	\$ 984 55	\$36 18	.....	.....	\$ 970 73
Animal Nutrition.....	1,478 53	97 67	\$262 25	\$ 56 50	1,894 95
Beef cattle.....	815 11	.....	8 50	12 00	835 61
General and farming.....	855 35	.....	.....	300 00	1,155 35
Horses.....	520 12	.....	.....	.....	520 12
Live stock system.....	707 89	2 28	.....	.....	710 17
Sheep.....	520 58	.....	3 25	8 00	531 83
Swine.....	824 90	17 87	29 80	.....	872 57
Bulletins and publications.....	10 80	.....	.....	.....	10 80
Total, Schedule 35.....	\$6,667 83	\$154 00	\$303 80	\$376 50	\$7,502 13
United States Experiment Station—					
Adams Animal Nutrition.....	\$599 98	.....	.....	.....	\$599 98
Adams Genetics.....	131 87	.....	\$6 85	.....	138 72
Adams Swine.....	3 25	.....	.....	.....	3 25
Total, Schedule 35.....	\$735 10	.....	\$6 85	.....	\$741 95
Specimens—					
Sheep.....	\$151 57	.....	.....	.....	\$151 57
Swine.....	.....	.....	\$100 00	.....	100 00
Horses.....	903 28	.....	.....	.....	903 28
Total, Schedule 35.....	\$1,054 85	.....	\$100 00	.....	\$1,154 85

## SCHEDULE 353.

## STATEMENT OF APPROPRIATIONS FOR DAIRY HUSBANDRY AS AT SEPT. 30, 1914.

	Cash disburse- ments.	Transfer charges.	Open market orders.	Job orders.	Total.
College—					
Administration.....	\$2,280 14	\$ 98 35	\$ 45 25	.....	\$2,423 74
Creamery.....	7,442 99	21 44	215 00	\$274 60	7,953 43
Technology.....	779 03		40 00	25 00	844 03
Bacteriology.....	1,276 44	14 53	232 52	29 00	1,552 49
Pure bred herd.....	2,409 45	184 83	559 95	.....	3,154 23
Experiment herd.....	874 98				874 98
Total, Schedule 35.....	\$15,063 03	\$319 15	\$1,092 72	\$328 00	\$16,802 90
Station—					
Official testing.....	\$1,255 97		\$ 13 50	.....	\$1,269 47
Bacteriology.....	334 86			\$ 75 00	409 86
Experiment herd.....	1,824 06	\$122 28	326 20	115 00	2,387 54
Farm Station.....	2,298 66	1 05	184 93	164 00	2,648 64
Economics.....	846 06	83	4 50		851 39
Technology.....	718 25				718 25
Testing Association.....	265 91		11 00		276 91
Total, Schedule 35.....	\$7,543 77	\$124 16	\$540 13	\$354 00	\$8,562 06
United States Experiment Station—					
Hatch Bacteriology.....	\$628 67				\$628 67
Hatch Chemistry.....	285 46		\$ 75	\$2 50	288 71
Hatch Economics.....	299 98				299 98
Total, Schedule 35.....	\$1,214 11		\$ 75	\$2 50	\$1,217 36

## SCHEDULE 354.

## STATEMENT OF APPROPRIATIONS FOR HORTICULTURE AS AT SEPT. 30, 1914.

	Cash disburse- ments.	Transfer charges.	Open market orders.	Job orders.	Library orders.	Con- tracts.	Total.
College—							
Administration.....	\$2,520 37	\$ 97 53	\$ 40 00	\$ 1 00	\$1 05	.....	\$2,659 95
Landscape extension.....	2,371 17	105 70	40 45	43 00			2,560 32
Landscape gardening.....	2,396 19	18 49	38 62				2,453 30
Pomology.....	748 47	1 97	3 85				754 29
Olericulture.....	1,935 81	6 04	22 20				1,964 05
Floriculture.....	2,112 84	120 71	159 00				2,392 55
Olney Farm.....	471 29		99 05				570 34
Urbana Farm.....	1,839 30	4 50	509 23			\$272 15	2,625 18
Forestry.....	131 70						131 70
General and farming.....	1,622 54	20 85	156 80	15 25			1,815 44
Total, Schedule 35.....	\$16,149 68	\$375 79	\$1,069 20	\$59 25	\$1 05	\$272 15	\$17,927 12
Experiment Station—							
Pomology.....	\$4,384 77	\$12 00	\$84 42				\$4,481 19
Olericulture.....	516 79						516 79
Plant breeding.....	1,994 45	10 45	29 40				2,034 30
Olney Farm.....	758 23						758 23
Floriculture.....	2,481 54	16 85	27 55	5 00			2,530 94
General and farming.....	50						50
Total, Schedule 35.....	\$10,136 28	\$39 30	\$141 37	\$5 00			\$10,321 95
United States Experiment Sta- tion—							
Adams Pomology.....	\$ 300 00						\$ 300 00
Adams plant breeding.....	1,266 64						1,266 64
Total, Schedule 35.....	\$1,566 64						\$1,566 64

## SCHEDULE 36.

STATEMENT OF APPROPRIATIONS FOR ENGINEERING COLLEGE AND EXPERIMENT STATION  
AS AT SEPT. 30, 1914.

	Cash disburse- ments.	Transfer charges.	Open market orders.	Job orders.	Library orders.	Con- tracts.	Total.
College—							
Salaries .....	\$39,560 03						\$39,560 03
Administration .....	1,071 87	\$200 73	\$ 21 00	\$129 50			1,423 10
Architecture .....	1,327 79	32 22	291 30	76 00	\$98 46		1,825 77
Civil Engineering .....	122 01	52 16	270 43	160 00			604 60
Electrical Engineering .....	548 41	213 48	179 75	200 00			1,141 64
General Engineering Draw- ing .....	239 88		18 00	2 50			260 38
Mechanical Engineering .....	3,354 65	149 38	382 59	118 00			4,004 62
Mining Engineering .....	519 79	74 97	448 59	6 00			1,049 35
Physics .....	1,619 94	23 66	279 56	3 00			1,926 16
Railway Engineering .....	477 03	50 78	169 73				697 54
Theoretical and Applied Me- chanics .....	376 65	15 16	20 00	25 00			436 81
Station—							
Salaries .....	4,892 99						4,892 99
Administration .....	383 24	27 04					410 28
Civil Engineering .....	173 55		18 75				192 30
Electrical Engineering .....	267 00		255 00				522 00
Railway Engineering .....	28 00						28 00
Theoretical and Applied Me- chanics .....	345 35	12 15	25 00	15 00			397 50
Cooperative mines investiga- tion .....	720 97	3 07	271 80				995 84
Miners' and Mechanics' Insti- tutes .....	5,191 89		553 43	41 00			5,786 32
Total .....	\$61,221 04	\$854 80	\$3,204 93	\$776 00	\$98 46		\$66,155 23

## SCHEDULE 37.

STATEMENT OF APPROPRIATIONS FOR GRADUATE SCHOOL AS AT SEPT. 30, 1914.

	Appropria- tions.	Cash disburse- ments.	Transfer charges.	Open market orders.	Job orders.	Library orders.	Total charges.	Free balance.
Salaries .....		\$4,431 66					\$4,431 66	
Administration .....	\$1,500 00	553 86	\$24 48	\$266 40		\$ 3 30	848 04	\$ 651 96
Research—								
Stebbins .....	50 00	50 00					50 00	
Savage .....	200 00	141 56					141 56	58 44
Washburn .....	320 00	282 15					282 15	37 85
Balke .....	150 00	88 00					88 00	62 00
Unassigned .....	5,000 00							5,000 00
Library equipment .....	3,500 00							3,500 00
<i>Journal of Philology</i> .....	500 00							500 00
<i>University Studies</i> .....	4,000 00	53 60	10 50	850 00			914 10	3,085 90
Illinois History survey .....	3,000 00	267 81	3 39		\$3 00	11 75	285 95	2,714 05
Crockerland expedition .....	2,500 00							2,500 00
Total .....		\$5,868 64	\$38 37	\$1,116 40	\$3 00	\$15 05	\$7,041 46	

## SCHEDULE 38.

STATEMENT OF THE APPROPRIATIONS FOR THE COLLEGES OF MEDICINE AND DENTISTRY  
AS AT SEPT. 30, 1914.

	Cash disburse- ments.	Transfer charges.	Open market orders.	Con- tracts.	Total.
General—					
Salaries.....	\$7,765 75				\$ 7,765 75
Administration.....	456 28	\$ 75 17	\$ 169 04	\$ 276 45	976 94
Physical plant.....	5,547 20	25 32	456 01	14,443 28	20,471 81
Laboratory supplies.....	3,488 72		4,426 00		7,914 72
Anatomy.....	208 18	97 27	27 06	581 25	913 76
Physiology.....	306 95	2 60	45 25		354 80
Chemistry.....	102 03	83 14	52 50		237 67
Medical—					
Salaries.....	6,054 30				6,054 30
Administration.....	1,644 58	43 89	459 76	977 60	3,125 83
Pathology.....	100 37	23 73	66 25		190 35
Pharmacology.....	51 10	18 08	119 75		188 93
Research.....	125 83	54 59	147 68		328 10
Medicine.....	42 00	1 58	100 25		143 83
Surgery.....	35 75	1 85	61 50		99 10
Obstetrics.....	168 75				168 75
Roentgenology.....	45 01	22	241 00		286 23
Dispensary.....	488 50	185 34	37 40		711 24
Library.....	560 12	1 65	680 90		1,242 67
Bacteriology.....	8 50				8 50
Dental—					
Salaries.....	4,156 57				4,156 57
Administration.....	880 16	46 97	261 04	390 92	1,579 09
Oral Surgery and Pathology.....	13 26	4 15	60		18 01
Operative Dentistry.....	23 15		54 00		77 15
Prosthetic Dentistry.....	54 70	72			55 42
Infirmary.....	942 51	18 18	107 74		1,068 43
Radiography.....	8 00		45 00		53 00
Mortgage and interest.....	119 16				119 16
Total.....	\$33,397 43	\$684 45	\$7,558 73	\$16,669 50	\$58,300 11

## SCHEDULE 39.

STATEMENT OF APPROPRIATIONS FOR OTHER SCHOOLS AND DEPARTMENTS  
AS AT SEPT. 30, 1914.

	Cash disburse- ments.	Transfer charges.	Open market orders.	Job orders.	Library orders.	Con- tracts.	Total.
Commerce—							
Salaries.....	\$ 5,586 63						\$ 5,586 63
Expense.....	1,013 66	\$ 55 60	\$ 532 50	\$15 00	\$1,550 41		3,167 17
Law School—							
Salaries.....	5,433 23		31 50				5,433 23
Expense.....	218 47	16 47					266 44
Pharmacy—							
Salaries.....	2,191 64						2,191 64
Expense.....	4,417 18	60	365 40			\$4,500 00	9,283 18
Library School—							
Salaries.....	1,767 45						1,767 45
Expense.....	105 70	10 76	3 50	3 00			122 96
Music—							
Salaries.....	2,869 97						2,869 97
Expense.....	224 11	22 62					246 73
Water survey.....	8,460 95	145 15	1,314 92	12 00			9,933 02
Summer Session.....	23,908 07	7 90	65 00				23,980 97
Accountancy Committee.....	42 30	10 00	16 50				68 80
Law Library.....	61 05		70 00		1,215 08		1,346 13
Library Summer School.....	237 50						237 50
Stores and transfer ac- counts—							
Office supplies stores.....	3,273 70						3,273 70
Physical plant stores.....	26,183 33						26,183 33
Postage stores.....	1,942 20						1,942 20
Printograph.....	98 61			98 61			98 61
Labor.....	30,050 83						30,050 83
Total.....	\$118,086 58	\$269 10	\$2,399 32	\$30 00	\$2,765 49	\$4,500 00	\$128,050 49

## SCHEDULE 301.

## TRUST FUND REPORT AS AT SEPT. 30, 1914.

	Balance July 1, 1914.	Receipts to: Aug. 31.	Receipts Septem- ber.	Total receipts.	Dis- burse- ments to Aug. 31, 1914.	Dis- burse- ments Septem- ber.	Total disburse- ments.	Balance Sept. 30, 1914.
B'nai B'rith .....	\$ 114 85			\$ 114 85		\$ 11 00	\$ 11 00	\$ 103 85
Bryan Prize .....	250 00			250 00				250 00
Class of 1895 .....	78			78				78
Graduate School Thesis Depart- ment .....	575 00			575 00				575 00
Key deposits .....		\$ 4 50	\$ 127 50	132 00		1 00	1 00	131 00
McDowell Mem- orial .....	4 57			4 57				4 57
McKinley Fund— interest .....		52 62	62 64	115 26				115 26
McKinley Fund— principal .....	48 79	335 00	39 00	422 79		625 00	625 00	*202 21
Military suits .....			17,755 20	17,755 20		1,004 40	1,004 40	16,750 80
Plym Fellowship .....	1,200 00			1,200 00	\$200 00		200 00	1,000 00
Snyder Fund—in- terest .....		137 97	27 61	165 58				165 58
Snyder Fund— principal .....	774 17	603 93	220 00	1,598 10		1,350 00	1,350 00	248 10
Towel fund .....	291 75		365 00	656 75	25 00		25 00	631 75
Wilson Lecture- ship .....	100 00			100 00				100 00
Woman's League .....	91 40			91 40		90 00	90 00	1 40
Total .....	\$3,451 31	\$1,134 02	\$18,596 95	\$23,182 28	\$225 00	\$3,081 40	\$3,306 40	\$19,875 88

\*Overdraft.

## SCHEDULE 4.

## RECONCILIATION WITH UNIVERSITY TREASURER AS AT SEPT. 30, 1914.

General fund—		
Treasurer's balance .....		\$205,587 71
Add: Receipts in hands of Bursar .....		4,680 79
		<u>\$210,268 50</u>
Deduct: Amount to be transferred to trusts fund .....		17,755 20
		<u>\$192,513 30</u>
Deduct: Outstanding warrants—		
Issued before July 1, 1912 .....	\$ 319 64	
Issued 1912-1913 .....	21 73	
Issued 1913-1914 .....	149 50	
Issued 1914-1915 .....	11,177 36	
		<u>11,668 23</u>
Business office balance .....		<u>\$180,845 07</u>
United States Agricultural Experiment Station Fund—		
Treasurer's balance .....		\$2,907 75
Deduct: Outstanding warrants .....		901 83
		<u>\$2,005 92</u>
Business office balance .....		<u>\$180,845 07</u>
College of Medicine Fund—		
Treasurer's balance .....		\$133 75
Deduct: Outstanding warrants—		
Issued before July 1, 1912 .....	\$113 75	
Issued 1912-1913 .....	20 00	
		<u>133 75</u>
Business office balance .....		<u>\$000 00</u>
Trust fund—		
Treasurer's balance .....		\$4,182 23
Add: Receipts in hands of Bursar .....		494 85
		<u>\$ 4,677 08</u>
Add: Amount to be transferred from general fund .....		17,755 20
		<u>\$22,432 28</u>
Deduct: Outstanding warrants .....		2,556 40
Business office balance .....		<u>\$19,875 88</u>



## SCHEDULE 5.

## RECONCILIATION WITH STATE AUDITOR AS AT SEPT. 30, 1914.

Operation, maintenance and equipment—	
State Auditor's balance.....	\$1,200,570 91
Deduct: Unpaid vouchers .....	2,020 97
Business office corrected balance.....	\$1,198,549 94
Deduct: Error, voucher O-1718.....	51 00
Business office balance.....	\$1,198,498 94
Buildings, land and equipment—	
State Auditor's balance.....	\$532,228 69
Deduct: Unpaid vouchers .....	5,017 15
Business office balance.....	\$527,211 54
Water survey—	
State Auditor's balance.....	\$18,434 46
Deduct: Unpaid vouchers .....	299 28
Business office corrected balance.....	\$18,135 18
Deduct: Error, voucher W-56.....	30
Business office balance.....	\$18,134 88
Miners' and Mechanics' Institutes—	
State Auditor's balance.....	\$15,792 27
Deduct: Unpaid vouchers .....	510 58
Business office balance.....	\$15,281 69

The board took a recess at 1.15 for luncheon. During the recess, Governor Dunne and Miss Watson joined the members of the board.

## SETTLEMENT OF SUIT OF MISS BREE KELLY.

President Abbott reported that Miss Bree Kelly had obtained judgment of \$750 and costs in a suit against the College of Physicians and Surgeons. This suit, which was for personal injuries claimed to have been caused by falling on an icy sidewalk, was tried in the Superior Court of Cook County, at the term beginning on the first Monday in July, 1914. Judge Harker stated that Miss Kelly had expressed her willingness to accept an immediate settlement of \$500.

On motion of Governor Dunne, the Comptroller of the University was authorized to settle this suit for the sum of five hundred dollars (\$500). The appropriation involved was made by the following vote: Aye, Mr. Abbott, Mr. Blair, Mrs. Busey, Mr. Dunne, Mrs. Evans, Mr. Hoit, Mr. Montgomery, Mr. Moore, Miss Watson; noes, none; absent, Mrs. Henrotin, Mr. Meeker, Mr. Trevett.

## RELEASE OF HELLER MORTGAGE.

Judge Harker reported that the release of the Heller mortgage which was authorized by the board on December 19, 1912 (see report 1914, p. 146), had not been executed properly, and requested that the officers of the board be authorized to execute a new release.

On motion of Governor Dunne, the officers of the board were authorized to execute a release of the Heller mortgage deed of the date of April 9, 1870, and recorded in Book S, page 257, in the office of the Recorder of Champaign County. The vote was as follows: Ayes, Mr. Abbott, Mr. Blair, Mrs. Busey, Mr. Dunne, Mrs. Evans, Mr. Hoit, Mr. Montgomery, Mr. Moore, Miss Watson; noes, none; absent, Mrs. Henrotin, Mr. Meeker, Mr. Trevett.

The board adjourned.

W. L. ABBOTT, *President.*

H. E. CUNNINGHAM, *Secretary.*

## MEETING OF DECEMBER 3, 1914.

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A special meeting of the Board of Trustees of the University of Illinois was held at the University, in Urbana, on Thursday, December 3, 1914, beginning at 12.30 p. m., pursuant to the following notice which was sent out by the Secretary on November 25, 1914:

Upon the call of the President, Mr. W. L. Abbott, there will be a special meeting of the Board of Trustees of the University of Illinois, in Urbana, on Thursday, December 3, 1914, beginning at 12.30 p. m., to consider such matters as the committees of the board and the President of the University may submit, and such other business as may be duly presented.

When the board convened, the following members were present: President Abbott, Mrs. Busey, Governor Dunne, Mrs. Evans, Mr. Hoit. President James was present.

There being no quorum, the board adjourned.

W. L. ABBOTT, *President*.

H. E. CUNNINGHAM, *Secretary*.

## MEETING OF DECEMBER 8, 1914.

The quarterly meeting of the Board of Trustees of the University of Illinois was held at the Blackstone Hotel, in Chicago, on Tuesday, December 8, 1914, at 12.30 p. m.

When the board convened the following members were present: President Abbott, Superintendent Blair, Mrs. Busey, Mrs. Evans, Mr. Hoit, Miss Watson. Mr. Meeker came in a little later and recorded his vote on the actions already taken.

President James was present.

### MATTERS PRESENTED BY THE PRESIDENT OF THE UNIVERSITY.

The regular order of business was suspended and the board proceeded immediately to the consideration of the following matters presented by President James:

#### PROPOSAL TO SEND A CADET REGIMENT TO SAN FRANCISCO.

(1) A letter signed by the Commandant of Cadets, Maj. F. D. Webster, and Joseph N. Greene, Colonel of the Cadet Corps, asking for permission to make an effort to raise money to take a picked regiment of 832 men, including the band of the University Corps of Cadets, to the Panama-Pacific Exposition at San Francisco:

URBANA, ILL., November 22, 1914.

*To the Board of Trustees of the University of Illinois:*

The Military Department respectfully petitions the Board of Trustees for permission to make every possible effort to raise money to take a picked regiment of 832 men, including the band of the University Corps of Cadets to the Panama Exposition at San Francisco. It is proposed to leave Champaign on June 19 at the close of the school year and to remain in San Francisco for a period of not less than two weeks or more than four weeks.

It is estimated that the approximate cost of such an undertaking would be \$80,000. In order to raise this sum, it is proposed to assess each man who goes on the trip fifteen dollars, thereby raising the sum of \$12,000. It is further proposed to raise the remaining amount from three possible sources, to wit: by a special act of the State Legislature, by possible aid from the United States Government, or by aid from the Illinois Commission for the Panama Fair Exposition.

Inasmuch as the State of Illinois must have an exhibit at the Fair, the Military Department is of the opinion that at this particular time a military exhibit would be especially appropriate. The part which college trained soldiers may play in the history of the country in the future may be a great one. The State would be splendidly represented by our Corps of Cadets.

This petition has precedent. The University Corps was sent to the St. Louis Exposition in 1904. The State Legislature of Missouri by a special act appropriated enough money to send the Missouri Corps of Cadets to the Jamestown Exposition.

The Military Department believes this undertaking would be a great good for both the University and the State of Illinois. It therefore petitions that permission be given so that the Military Department may attempt to raise the necessary money.

Respectfully submitted,

F. D. WEBSTER,  
*Major of Infantry, Commandant of Cadets.*  
JOS. N. GREENE,  
*Cadet Colonel.*

The Counsel of Administration, after discussing the proposition carefully voted that while there would be no objection to such a trip in itself it would be undesirable to have a request for an appropriation for this purpose presented to the coming Legislature, useless to present it to the commission for the Panama Fair Exposition, and probably useless to present it to Congress.

On motion of Superintendent Blair, this matter was referred to the President of the University, with power to act.

#### REQUEST FOR FIELD GUNS FOR THE CADET CORPS.

(2) A letter from Maj. F. D. Webster, Professor of Military Science in the University, enclosing certain correspondence with the Adjutant General of the United States Army, in regard to the issue of field guns for the use of the Student Battery of Artillery:

*President E. J. James, University of Illinois.*

November 17, 1914.

SIR: I desire to invite your attention to enclosed letter and 2d endorsement thereon. I would be glad to have you consider this matter with a view to taking

up the scheme presented at some future time. This Government is now in great need of auxiliary troops to reinforce the Infantry already on hand in the National Guard.

Very respectfully,

F. D. WEBSTER,  
Professor of Military Science.  
URBANA, ILL., October 21, 1914.

From: Maj. F. D. Webster, Infantry; Professor of Military Science and Tactics.  
To: The Adjutant General, United States Army, Washington, D. C.  
Subject: Issue of late model of field guns to University of Illinois.

1. Referring to paragraph 26, G. O. 70, November 18, 1913, I request to know if the standing of the University of Illinois is, in the opinion of the Inspector, such as to warrant the issue of a later type of field gun for use of the student Battery of Artillery.

2. There are over 2,000 men in the student Infantry Brigade and a Battery of Field Artillery of sixty men proficient in foot battery work whose services should be utilized in learning the use of the later methods of field artillery fire.

3. If later model guns can be furnished more men can be made available for such duty.

4. The guns now on hand are the 3.2 inch B. L. Steel rifles, model 1885.

F. D. WEBSTER.

WAR DEPARTMENT, The A. G. O., November 12, 1914.

To Maj. F. D. Webster, Infantry; Professor of Military Science and Tactics, University of Illinois, Urbana, Ill.:

1. While the standard of military instruction at the University of Illinois, as determined by the last annual inspection, was very satisfactory, the 3-inch field artillery material cannot be supplied at the present time under the provision of General Orders No. 70, War Department, 1913. Attention is invited to the fact that where the authorities of a state can organize a *bona fide* battery of field artillery composed wholly or in part of students of a college or university it can be incorporated in the Militia of the state and placed upon the same status as to material, instruction, etc., as any other Militia Battery. It should be clearly understood that the purpose of the Militia Law is to organize and equip units that will be effective in time of war and that will be available for service when needed, in the same manner as organizations of the Regular Army.

2. Such batteries are liable to Federal inspection under section 14 of the Militia Law and will be under the Inspector-Instructors of the Regular Army on duty in districts. They must attend camp, conduct target practice and in general show a state of efficiency that warrants recognition by the Federal Government.

3. Two such batteries are now organized at the University of Minnesota. The state authorities of Indiana are now contemplating the organization of similar batteries.

4. The organization of a Militia Battery in the University of Illinois might be effected in the same manner, by the State authorities of Illinois with the approval and support of the University.

By order of the Secretary of War:

A. F. LAND, Adjutant General.

No action was taken on this matter.

#### REQUEST FOR CHANGE OF UNIFORM.

(3) A letter from the Professor of Military Science concerning a change in the uniform for the Cadet Brigade of the University of Illinois:

November 12, 1914.

President E. J. James, University of Illinois.

SIR: I have the honor to make the following recommendation regarding the Military Department, with the request that it be submitted to the Board of Trustees for its action at the earliest practicable date.

That a change of uniform be made from the present one to the Olive Drab Woolen Service, the same as is in use in the United States Army. This will consist of the following articles:

1—Cap, olive drab.	1—Leggins, canvas.
1—Breeches.	1—Waist belt (web).
1—Trousers.	1—Shirt, olive drab.
1—Coat.	

The total cost of these is about \$14 as against \$16.20 required for the present uniform.

This uniform will be more comfortable than the present one and more serviceable in every way. The breeches with leggins will be worn for drill purposes and the trousers when appearing at cadet hops and for other social purposes.

This change will result in a mixed uniform for the first year, the sophomores wearing the present uniform and only the freshmen buying the new one. The sentiment of the cadets is almost unanimous in desiring this change.

The new two-year contract for 1915-16 and 1916-17 is to let in the Spring of 1915. The War Department attempts in no way to influence the University in regard to uniform.

Upon the recommendation of Director A. A. Harding, it is thought desirable and advisable to retain the present uniform for the band.

Very respectfully,

F. D. WEBSTER,  
Major of Infantry, Professor of Military Science.

Consideration of this matter was deferred.

## REPORT OF STATE LABORATORY OF NATURAL HISTORY.

(4) A letter from Prof. Stephen A. Forbes, Director of the State Laboratory of Natural History, transmitting the biennial report of the work of this department:

November 27, 1914.

*President Edmund J. James, University of Illinois.*

SIR: I have the honor to report concerning the operations of the State Laboratory of Natural History during the past two years, that, with the exception of the necessary routine work at the Urbana headquarters, they have been limited mainly to a continuation of our operations on the Illinois River and its tributary waters, now rapidly approaching a completion of our program.

A general survey of the chemistry and biology of the stream, reported for the upper river in article 10 of Volume IX of the *Bulletins* of this Laboratory, has now been carried on for the lower part of the river, from Peoria to the mouth, with special attention to the animal life of the shores and bottom of the river and of the lakes of its overflow land.

Mud samples were also obtained from these waters for chemical analysis, with a view especially to a classification of the bottom land lakes and streams in respect to their natural productivity. Studies have been made of the length of time during which aquatic animals or their eggs can survive when the land lies dry between overflow periods. For this purpose samples of the dirt collected from tracts which had been out of the water for various periods were put into jars of water and kept under normal conditions to see what aquatic animals and plants would reappear and multiply. It was a part of the object of this inquiry to test the practicability of a rotation of agriculture and fish culture, as recommended by high European authority.

Samples of the water of the river have been collected and analyzed chemically every two weeks for an entire year from twelve stations along the course of the stream, together with other samples from the Mississippi River for comparison. The special object of this series is to trace down the stream the gradual transformation of the organic matters contained in the sewage contributions from the Chicago Drainage Canal and from the principal towns along the river banks, with a view to learning where they first become available as food for aquatic plants, and thus, in the end, for the maintenance of fishes.

Large collections of fish stomachs have been made and studied to give us details of the natural food of certain of our more important fishes, especially black bass, carp, and buffalo, and our more destructive water animals, particularly gars and cormorants. Similar studies have been made of the food of the smaller animals of the bottom, upon which fishes are largely dependent for their own maintenance.

Systematic and continuous observations have been carried on upon the breeding grounds of bass and carp with reference especially to the fate of the fry in our natural waters.

The practical disappearance of the buffalo from the Illinois River, formerly its most important food fish, has led to a study of the buffalo fisheries of the Mississippi River, particularly those at New Boston and Alton, in the hope that light might thus be thrown upon the Illinois River problem.

The data derived from these various investigations, together with others of the years preceding the present biennium, have now been tabulated and organized, preliminary to the preparation of reports upon their various topics; and the manuscripts of several such reports are well advanced towards completion.

An analysis and tabulation of all data of fish production of the Illinois River obtainable from the various statistical reports made from 1894 to the last United States Census of 1908, has been made by us with the idea primarily of comparing the productivity of the Illinois waters before and after the opening of the Chicago Drainage Canal in 1900. We have obtained additional data of this sort by a careful compilation and analysis of all shipments of fish from Havana, one of the principal shipping points on the Illinois, from 1908 to the present year.

We have been, during the past summer, working upon a program of cooperation with the Rivers and Lakes Commission and the State Game and Fish Commission, which has resulted in the engagement, by the Rivers and Lakes Commission, of Alvord and Burdick, a firm of eminent engineers, to make a general report upon the Illinois River, having in view all the interests concerned. We have collated and turned over to these engineers a considerable body of information concerning the river and its fisheries, and have translated for their use many foreign articles describing fisheries conditions and yields under various forms of management in the Old World. We have also made a general reconnaissance of the river, in their company, in our Station launch, on a trip from LaSalle to Grafton, at the mouth of the stream.

I have also endeavored to make our products and operations as useful as practicable to the Game and Fish Conservation Commission, have held several conferences with them at their request, and have made a special biological survey of the waters in the Spring Lake reclamation district as bearing upon propositions of the commissioners of that district for a transfer of a portion of their property to the State for fish production.

A similar service was done, at the request of the Rivers and Lakes Commission, in a thoroughgoing biological survey of the upper Fox River, with special reference to pollutions of that stream by towns along its banks of which complaint had been filed with the commission. Our collections were made at fifty-six stations from Dundee to Yorkville, and a preliminary report of the various pollutional conditions found, as illustrated by the plant and animal contents of the stream, was made to the commission September 19.

The Illinois River work has been in immediate charge, as heretofore, of Mr. R. E. Richardson, Biologist of the Laboratory.

The water analyses have been made by the Water Survey of the State under a cooperative arrangement by which the products of the work are available to both parties.

Other chemical determinations have been made at State Laboratory expense in the chemical laboratories of the University.

The biological station houseboat, or floating laboratory, which is the portable headquarters of all our Illinois River work, was rebuilt during the last winter at the expense of the University of Illinois, to which this property actually belongs. Our equipment for field work is consequently now in excellent condition.

At Urbana an important work has been in progress, in the determination and incorporation of large additions to our extensive insect collections, and a complete reorganization of the whole to bring it up to date. The time of the systematic entomologist of the Laboratory, Mr. C. A. Hart, is virtually all given to this work.

Our very large recent collections of aquatic animals and plants from the Illinois River region are an important addition to the permanent collections of the Laboratory, available not only for our own present studies but for detailed work by others for many years to come.

One family of insects (Chironomidae) whose aquatic larvae are particularly important as an element in the food of fishes, has been thoroughly worked up, and a monograph on the family prepared for publication by Mr. J. R. Malloch, an expert in this Department of Entomology, now permanently on my staff.

I have also improved the opportunity of establishing a new laboratory for exact research on aquatic animals at the University, where a newly appointed Professor of Animal Ecology has been engaged for part-time service on the State Laboratory staff in an investigation of special subjects requiring a fixed equipment of complex apparatus. He is now at work on the precise effects of contaminations due to gas-house wastes upon the various species of fishes exposed to them in our principal streams. Many subjects are now opened to us for the first time by the establishment of this new laboratory. There are also several important matters already in hand requiring further field work for their completion, and an active investigation of new problems must consequently be continued during the coming two years.

Our field and experimental work having now run far ahead of our report manuscripts, it is my intention to give the greater part of the time available during the coming year to the preparation and publication of bulletins making the results of our studies available to those interested. There is, in fact, in my hands a great accumulation of materials in various stages of preparation for publication, much of it obtained many years ago; and I would like it if my employments and responsibilities might be so adjusted that I could bring these matters to the point of final report and publication without further delay.

Respectfully yours,

STEPHEN A. FORBES.

This report was received for record.

#### LITIGATION AGAINST THE UNIVERSITY.

(5) A communication from Judge O. A. Harker, Counsel for the University, stating the present situation in regard to certain cases against the Board of Trustees of the University of Illinois, pending and undetermined in the courts.

November 25, 1914.

*To President James and the Board of Trustees of the University of Illinois:*

As Legal Counsel of the University, I beg leave to submit the following report as to cases against the Board of Trustees pending and undetermined in the courts:

WALTER J. NORTH, ADMINISTRATOR OF THE ESTATE OF JAMES W. NORTH, DECEASED  
V. THE BOARD OF TRUSTEES OF THE UNIVERSITY OF ILLINOIS.

This case was brought before the Illinois Industrial Board under the Workmen's Compensation Act of 1913, to recover for the death of James W. North, which occurred on the 5th of December, 1913, by his falling through an elevator shaftway, at the College of Medicine, Chicago. North was employed as curator at a salary of \$70 per month. The University denied its liability on the ground that North's death was attributable to no negligence of the University, and because the University had not elected to come under the provisions of the Workmen's Compensation Act. Upon the hearing, counsel for the respondent moved to dismiss the case upon the ground that the University was without the provisions of the act, never having so elected. The motion was overruled, and decision entered against the Board of Trustees requiring it to pay the representatives of the deceased \$8.08 per week, commencing December 5, 1913, and continuing until such payments aggregate \$3,360. Application was at once made to have the cause reviewed by the Supreme Court upon a writ of certiorari. The writ was obtained, but it cannot now be reviewed in that method because the Supreme Court has recently decided in another case that the provision of the act authorizing a review by certiorari in that court is unconstitutional. We were therefore compelled to apply to the Circuit Court of Cook County for the writ, and the cause is there pending. If that court should decide against us, a writ of error will be prosecuted to the Supreme Court. It is highly important that this should be done because of the uncertainty concerning certain provisions of the Workmen's Compensation Act and the desirability of having the Supreme Court decide whether we are within its provisions without filing election to be within it.

MARIE SEEBACH V. BOARD OF TRUSTEES OF THE UNIVERSITY OF ILLINOIS.

This is a suit pending in the Circuit Court of Champaign County brought by the plaintiff, a former student, who was dropped from the University for poor scholarship. It is an ex contractu action in which she complains of the refusal of the University authorities to allow her to continue as a student, and she seeks

a judgment of \$10,000. It is defended upon the ground that the University was authorized in its discretion to discontinue the plaintiff's attendance as a student, she having failed to meet the requirements under established rules.

MARIE SEEBACH V. EDMUND J. JAMES, AND OTHERS.

This action is a tort action against President James and others, members of the Council of Administration, for wrongfully excluding the plaintiff as a student after she had been admitted as such and allowed for a certain length of time to pursue her studies. The special plea under which the case will be defended sets up certain rules adopted for the guidance of under-graduate students, the enforcement of which is necessary. The defense is the same as in the case last above mentioned. The power of the Council of Administration in its discretion to exclude poor students will be put to its test in this case.

GEORGE DOUGLAS V. THE BOARD OF TRUSTEES OF THE UNIVERSITY OF ILLINOIS.

This is a suit pending in the Circuit Court of Champaign County, in which the plaintiff claims rent on 40 acres of land purchased from him by the Board of Trustees. He claims rent at the rate of \$12 per acre under an agreement made with Prof. Blair, of the Department of Agriculture. Prof. Blair denies that any agreement to pay rent in the event of the purchase of Mr. Douglas' land was ever made by him. The suit is defended upon two grounds; first that no such contract as that set up by Mr. Douglas was ever made by Mr. Blair with him, and second, that Prof. Blair had no authority from the Board of Trustees to make any contract whatsoever with Mr. Douglas.

THE BOARD OF TRUSTEES OF THE UNIVERSITY OF ILLINOIS V. HENRY RIETZ, NELLIE WALTON, AND CHARLES W. WALCOTT.

This is a proceeding which was commenced before the County Judge of Champaign County to condemn lots 23, 24, and 25, in the Forestry Heights Addition to Urbana (property situated on Nevada Street) for university purposes. After a trial in which considerable evidence was heard as to the value of the lots, the jury returned a verdict fixing the compensation of each property owner at \$3,500. The University announced its election to stand by the verdict and prayed for an order allowing it on the 15th day of December, 1914, to pay the compensation and the costs of the proceedings. On the payment of the amount and the costs on or before the 15th of December, the University will go into possession and ownership of the three lots.

DAVIS MCCONNOUGHEY V. BOARD OF TRUSTEES OF THE UNIVERSITY OF ILLINOIS.

This was a petition for mandamus filed by the petitioner to compel the University authorities to admit him as a student, and allow him to pursue duties as such. His petition alleged that he registered as a Freshman in the College of Arts and Sciences in September, 1913; that he was dropped for poor work; that he was admitted again on probation at the Summer Session, 1914, and that he applied for admission in September, 1914, and was denied. The suit was begun immediately with the beginning of the school year and as it was important to have an early decision in the case reached, I waived want of service in time for the September term of the Circuit Court and interposed answer admitting the refusal to allow the petitioner to register and justifying it upon the ground that his work was so exceedingly poor and below that of an ordinary student that the general welfare of the University required that he be excluded. A jury was waived and a trial had before the Hon. Frank H. Boggs, presiding judge of the Circuit Court. The case is similar to the Seebach case, excepting that the method of procedure is different. Each involves the power of the University authorities in their discretion to exclude students because of poor scholarship. The court, after taking the case under advisement, rendered an opinion fully justifying the action of the Council of Administration in refusing to allow the petitioner to continue as a student. He holds that the University is invested with large discretionary power in carrying on its work of education, and the courts should not interfere except in case of abuse of that discretion.

The petitioner prayed for and obtained an appeal and the case is now pending in the Appellate Court at Springfield. I have the utmost confidence that the decision of Judge Boggs will be sustained.

Respectfully submitted,

O. A. HARKER, *Legal Counsel.*

This report was received for record.

PLYM FELLOWSHIP IN ARCHITECTURE.

(6) A letter from Francis J. Plym, President of the Kawneer Manufacturing Company, Niles, Mich., concerning the permanent endowment of the Francis J. Plym Fellowship.

October 26, 1914.

*President Edmund J. James, University of Illinois, Urbana, Illinois.*

MY DEAR DR. JAMES: In answer to your letter of the 15th of October, I was aware that the Fellowship had only been made for five years and this was the last year. I have thought this over a great deal and of course we are not definitely sure of anything, particularly our income, but as my business was going on, I assumed I would soon be justified in offering to the Trustees a sum of money, the interest of which would be sufficient to permanently endow a Fellowship for European study and travel. Until this time had arrived, I had fully intended to maintain the Fellowship as I had been doing, remitting to the Trustees at least \$1,000 a year.

When I first suggested this endowment, I did not have the idea of continuing for only a few years and then discontinuing. Of course I had in mind the successful outcome of my business, the result of which would determine the continuation of this Fellowship. The indications are now, however, that there will be no omission. In case anything should happen to me, the estate would be such that the matter could be carried on without any interruption.

What I am aiming at through this Fellowship is this—to see the Department of Architecture developed into one of the best, if not the best, Architectural Colleges in this country and that it will indirectly aid the University and that, lastly, this scholarship will be helpful to the Department of Architecture and the University, as well as to the Fellow in his future work. If I am in a small measure successful in accomplishing these results, I shall be perfectly satisfied.

I did feel that probably the Fellows who had been abroad might be justified in asking for a certificate of some sort from the University, stating that they had completed this work in a satisfactory manner. I feel sure it would help the boys in their future work. As it is now, they have nothing apparent, to indicate this work was done, unless those who are interested might go to the University for reference.

Yours respectfully,

FRANCIS J. PLYM.

On the recommendation of President James and on motion of Mrs. Evans, this letter was received for record, and the President of the University was authorized to have an announcement of the Fellowship printed in the Annual Register.

#### LEASES OF THE FARM LANDS GIVEN BY CAPT. SMITH.

(7) A letter from the Comptroller concerning the leases filed with the Secretary of the Board of Trustees by Capt. Thomas J. Smith, covering the real estate which Capt. Smith recently presented to the University for the erection of a Music Building.

On the recommendation of President James and on motion of Superintendent Blair, this letter was referred to the Committee on Agriculture with the request for a recommendation upon the best policy to be pursued in handling these lands.

#### LABORATORY FEE IN ZOOLOGY.

(8) A letter from Dr. K. C. Babcock, Dean of the College of Liberal Arts and Sciences, endorsing a recommendation made by Prof. Henry B. Ward, that a laboratory fee of \$2.50 be fixed for course 4 in Invertebrate Zoology which begins next semester.

On the recommendation of President James and on motion of Mr. Hoit, the recommendation of Dr. Babcock was approved and the fee was established.

#### PROFESSORSHIP IN AGRICULTURAL EDUCATION.

(9) A recommendation from the Dean of the College of Agriculture that the position of Professor of Agricultural Education be established in the College of Agriculture with the understanding that this Professor may be also classified as a member of the Faculty of the School of Education.

On the recommendation of President James and on motion of Miss Watson, this recommendation was approved and the position established.

#### PURCHASE AND RENTAL OF MICROSCOPES.

(10) A communication from the Secretary of the College of Medicine relating to the purchase and rental of microscopes in the College of Medicine:

#### PROPOSED REGULATIONS CONCERNING THE OWNERSHIP, SALE AND RENTAL OF MICROSCOPES.

Each student in the College of Medicine is required to own, or have the entire use of, a microscope of approximately the following description: hinged stand, with coarse and fine adjustments, triple nose-piece; substage condenser with iris diaphragm; oculars II and IV; objectives No. 3 (16 mm.) No. 6 (4 mm.), and 1/12 inch oil immersion. The conditions under which microscopes are purchased or rented are as follows:

1. The College of Medicine urges that each student purchase his own microscope. The University will act as the purchasing agent for the student, so as to secure to him the benefit of wholesale prices. Students desiring to purchase a microscope will leave a written order to that effect with the Secretary. Such order must be accompanied by a check covering the price of the microscope, \$..... The Secretary undertakes to act as agent for the student in the purchase of the microscope.

2. The University will buy microscopes and sell them to students on an installment basis, if students so desire. The student desiring to buy a microscope on this basis must file a written order to that effect with the Secretary, accompanied by an initial deposit of ..... dollars. The student will be required to pay a further installment of ..... dollars at each subsequent registration. The balance due on the microscope becomes payable whenever the student discontinues his attendance at the college, either by graduation, dismissal, or otherwise. Each



microscope remains the property of the College of Medicine until all installments due on it have been paid. The student will be required to furnish a bond signed by two taxpayers of the State of Illinois acceptable to the Comptroller of the University.

3. Students may rent microscopes from the University by the payment of rental charges according to the following schedule:

Microscopes having double nosepiece, \$2.50 a semester.

Microscopes having triple nosepiece and oil immersion lens, \$4 a semester.

Microscopes rented to students must be returned to the Secretary, or to the Curator of the College, for inspection and repair at any time upon request. Microscopes rented to students must be returned by them in good condition at the close of each semester. The student will be required to furnish a bond signed by two taxpayers of the State of Illinois acceptable to the Comptroller of the University.

On the recommendation of President James and on motion of Superintendent Blair, the proposed regulations as to ownership, sale, and rental of microscopes in the College of Medicine were approved, and the Comptroller was authorized to put the proposed scheme into effect.

At this point, Mr. Meeker joined the members of the Board and, after hearing the reading of the actions previously taken, recorded his vote in the affirmative in each case.

#### PETITION FOR AN ACADEMIC COLLEGE IN CHICAGO.

(11) A petition to the Trustees and President of the University of Illinois from certain school teachers and others in the city of Chicago that the Trustees shall open an academic college, a branch of the University of Illinois, in the city of Chicago.

Mrs. Mary K. Plumb and Miss Eleanor M. Mahany appeared before the Trustees and presented a petition signed by 3,300 teachers in the Chicago schools, that the Trustees establish such a department in Chicago.

No action was taken on this subject.

#### EXHIBIT AT PANAMA-PACIFIC EXPOSITION.

(12) A request from Francis G. Blair, State Superintendent of Public Instruction, for an appropriation of \$1,500 to provide for an exhibit of the University in the Education Department of the State of Illinois for the Panama-Pacific Exposition.

On the recommendation of President James and on motion of Mr. Meeker, this appropriation was made. The vote was as follows: Ayes, Mr. Abbott, Mr. Blair, Mrs. Busey, Mrs. Evans, Mr. Hoit, Mr. Meeker, Miss Watson; noes, none; absent, Mr. Dunne, Mrs. Henrotin, Mr. Montgomery, Mr. Moore, Mr. Trevett.

#### HOSPITAL BILLS FOR OTTO KREIGLE.

(13) A recommendation from Prof. White that bills amounting to \$288.50, for hospital services, etc., be paid for Otto Kreigle, an electrician in the employ of the University, who was injured by falling into the pit in the room where we ordinarily store the electric test car. An operation proved necessary, but Mr. Kreigle has since recovered and is back at work. He offers the following receipt to the Trustees:

Received from the Board of Trustees of the University of Illinois, the sum of \$288.50, the amount agreed upon as settlement in full of all claims which I hold against the Board of Trustees of the University of Illinois for injuries received while in the employ of said board as electrician on the 9th day of September, 1914.

On motion of Mr. Meeker, the Comptroller was authorized to pay the hospital and other bills amounting to \$288.50, for Mr. Kreigle. The vote was as follows: Ayes, Mr. Abbott, Mr. Blair, Mrs. Busey, Mrs. Evans, Mr. Hoit, Mr. Meeker, Miss Watson; noes none; absent, Mr. Dunne, Mrs. Henrotin, Mr. Montgomery, Mr. Moore, Mr. Trevett.

#### ROOM FOR SALE OF ICE CREAM.

(14) A letter from Prof. H. A. Harding, head of the Department of Dairy Husbandry, recommending that an enclosed balcony be placed over the low masonry structure in the angle between the dairy wing and the west central division of the Agricultural Building which formerly contained the stock pavilion, thus providing a room for the retail sale of ice cream made by the Dairy Department in the course of its experimental work. The plan is approved by Dean Davenport and the blue print submitted by Prof. White shows the estimated cost of the work to be \$870. It is proposed to provide for the expense out of Dairy Funds.

On the recommendation of President James and on motion of Mr. Meeker, the sum of \$870 was appropriated as requested, provided the agricultural budget and the dairy appropriation when approved can provide for the expense. The vote was as follows: Ayes, Mr. Abbott, Mr. Blair, Mrs. Busey, Mrs. Evans, Mr. Hoit, Mr. Meeker, Miss Watson; noes, none; absent, Mr. Dunne, Mrs. Henrotin, Mr. Montgomery, Mr. Moore, Mr. Trevett.

## LEAVE OF ABSENCE FOR DR. WHITING.

(15) A recommendation from Dean Davenport that sick leave of absence, with pay, be granted to Dr. A. L. Whiting, until the close of the present semester, unless he should find himself able to return sooner to his University work.

On motion of Superintendent Blair, this recommendation was approved. The vote was as follows. Ayes, Mr. Abbott, Mr. Blair, Mrs. Busey, Mrs. Evans, Mr. Hoit, Mr. Meeker, Miss Watson; noes, none; absent, Mr. Dunne, Mrs. Henrotin, Mr. Montgomery, Mr. Moore, Mr. Trevett.

## DIRECTORY OF MATRICULANTS.

(16) A report of the present status of the Matriculants' or University of Illinois Directory.

The directory will contain the names of all former students and of all persons who have ever been connected with the Faculty and Staff of Administration, approximately 25,000, supplying information as to the years of residence at the University, degrees, occupation, and present address. Names will be arranged alphabetically and geographically—in the latter case, grouped by cities and states. The directory will contain about twelve hundred pages. Three thousand copies of this book may be printed for about \$4,500.

On motion of Mr. Meeker, the price of the directory was fixed at \$1.50 a volume, and the Comptroller of the University was authorized to let the contract for the printing of 3,000 copies of the volume as soon as the copy is ready. The vote was as follows: Ayes, Mr. Abbott, Mr. Blair, Mrs. Busey, Mrs. Evans, Mr. Hoit, Mr. Meeker, Miss Watson; noes, none; absent, Mr. Dunne, Mrs. Henrotin, Mr. Montgomery, Mr. Moore, Mr. Trevett.

## LAWES MEMORIAL, ROTHAMSTED EXPERIMENT STATION.

(17) A letter from the Dean of the College of Agriculture recommending that the sum of \$500 be appropriated from the receipts of the Experiment Station as a contribution to the building of the Lawes Memorial at Rothamsted, England, in consideration of which a complete set of the Rothamsted Memoirs will be presented to the library of the University of Illinois.

On the recommendation of President James and on motion of Mr. Hoit, the sum of \$500 was appropriated for the Lawes Memorial. The vote was as follows: Ayes, Mr. Abbott, Mr. Blair, Mrs. Busey, Mrs. Evans, Mr. Hoit, Mr. Meeker, Miss Watson; noes, none; absent, Mr. Dunne, Mrs. Henrotin, Mr. Montgomery, Mr. Moore, Mr. Trevett.

## REQUEST FOR BIRD PRESERVE.

(18) A letter from Prof. Ward, enclosing one from Prof. Smith, in regard to the necessity for a bird preserve near the University:

URBANA, ILL., October 21, 1914.

MY DEAR PRESIDENT JAMES: During the past few years there has been much discussion concerning the difficulties encountered by this department in giving instruction that involves field work by virtue of the destruction of natural growth in the surrounding country. I am sending you herewith a letter from Prof. Smith. This was written last spring when he was trying to do instructional work in the course in ornithology. I talked it over with you informally at that time.

Feeling it was possible for him to be overinfluenced by trivial difficulties at the time the course started, I laid it aside and requested him to let me know later how the matter looked. There has been since then sufficient time for any temporary feeling of inconvenience to disappear and for us to get a definite view of the permanent conditions as they exist after the changes on which he comments. He feels that the situation is no better than he thought it was at that time and in some respects is even worse than it seemed to him then.

The number of birds available for study was far smaller last spring, during the summer, and this fall than it ever has been before. The situation is serious because the demand for instruction in this line is real and is increasing. The high school teacher is expected to know the birds and to give instruction to students in ornithology. Much emphasis is laid upon bird study in the work of elementary grades and no textbook in nature study can be used or no course be properly given without spending considerable time on this phase of the topic. It is hardly necessary to add that birds are now regarded as important agents in reducing and holding in check the insect enemies of our crops and gardens. The farmer and gardener has come to look upon them as his friends and allies and to consider that teaching in our schools is far from adequate when proper attention is not devoted to them.

Some way or other the University must protect its possibilities of instruction in this direction. If the patch of woodland northeast of the town were to be destroyed or to be opened to the ravages of hogs there would be no point within any reasonable distance at all for the study of bird-life. It is because I fear this condition which would result in the total elimination of our bird study, that I am writing you again about this matter. I think the letter of Prof. Smith is so clear and conservative that it ought to be kept and that at some convenient time the matter ought to be given definite consideration in providing for University facilities. Would it not be a good thing for Prof. Smith to discuss the matter at some time before the Board of Trustees for example?

Very sincerely yours,

HENRY B. WARD.

[Prof. Smith's Letter.]

March 16, 1914.

DEAR PROF. WARD: I wish to call attention to the fact that the very last accessible places which furnished conditions attractive to the majority of the birds that come during the earlier part of the season have now been "cleaned up" and made valueless for the work with a bird class. Houses have taken the place of bushes on the Reasoner place and the hedges have been destroyed and now the Cemetery has been renovated by the complete destruction of all the hedges, brush patches, and neglected corners which furnished the only conditions attractive to many varieties of birds that were formerly abundant here but can no longer be found in places within reach of bird classes.

With a wonderful increase in the interest in bird life throughout the State and country it seems strange that the University which is so progressive in many lines should be so utterly lacking in interest in this direction.

Four or five acres adjacent to the Forest or including part of it could be easily planted with shrubbery and trees that would supply food and protection to many of our earlier visitors and be of great advantage to our bird classes.

There have not been less than 50 students annually in these classes for a number of years and, as many of them teach in the schools of the State later on, the benefit resulting in this important phase of conservation activities in the State is hardly likely to be overestimated.

Unless something is done very soon to improve conditions for field work here or to provide transportation to suitable places our attempts to give courses in bird work will be largely farcical.

Very truly,

F. SMITH.

On motion of Superintendent Blair, these letters were received for record and the matter was referred to Mrs. Busey and the Committee on Agriculture for consideration and report.

#### REQUEST FOR ORGANIZATION OF A TROOP OF CAVALRY.

(19) A letter from Mr. J. D. White, Captain of the First Cavalry, commanding Troop B, endorsed by Maj. F. D. Webster, Professor of Military Science, concerning the organization of a troop of Cavalry in connection with the University Cadet Brigade:

URBANA, ILL., December 1, 1914.

President Edmund J. James, University of Illinois, Urbana, Ill.

SIR: I have been informed that a number of universities have, at the suggestion of the War Department, organized troops of cavalry or batteries of artillery of the National Guard of their respective states. In doing this they extend their military training to include mounted as well as dismounted work.

As there are no vacancies in the Illinois National Guard for mounted organizations I wish to suggest that Troop B, 1st Cavalry, Illinois National Guard, be taken in by the University. The students who wish can enlist and be furnished with all clothing and equipment by the State. Those who do not care to enlist, but who wish mounted training, could no doubt be taken care of in some manner.

The only expense to the University or State would be to furnish horses to drill with, and as the troop would drill at night the horses could be used by the Military Department of the University during the day. The troop is now composed of more than 50 per cent students of the University, and arrangements can be made to make the organization almost completely a University body.

The University would have the services of this troop on occasions of ceremony, cadets could use the equipment for mounted drill, if so desired, and it would give many students who are interested in mounted work a chance to get a more extended training. The regiment of which this troop is a part is composed of twelve troops and is commanded by Col. Milton J. Foreman of Chicago, and is considered one of the best mounted organizations in the organized militia. I have spoken to Col. Foreman regarding this subject and he expressed himself as being highly pleased with the proposition, and is very anxious to have it carried through.

One of the officers of the troop, Wilber J. Carmichael, is a member of the University Faculty, and was a Major in the University Regiment during his student days.

I would also request authority to use the Stock Judging Pavillion for the mounted drill of Troop B one night a week, if it can be conveniently arranged. For the present we may be able to rent horses for this purpose but funds would only be available for about one mounted drill each month. It is also thought that the organization of a riding club might be advisable.

Should you look with favor on this letter I will be glad to go further into the matter with you, in conjunction with the Commandant.

Very respectfully,

J. D. WHITE,

Captain 1st Cavalry, Commanding Troop B.

[First Endorsement.]

Military Department, December 2, 1914. Respectfully transmitted to President James. I heartily concur in the suggestions of Capt. White and hope they can be carried out.

F. D. WEBSTER.

Major of Infantry, Professor of Military Science.

This communication was received for record and referred to the President of the University for consideration and report.

**MINNESOTA LAND CONTRACT.**

(20) A letter from the Comptroller announcing that the last payment on the northeast quarter of the northwest quarter of section 4 (containing 39.91 acres) and the southeast quarter of the northwest quarter of section 4 (containing 40 acres) in the county of Kandiyohi, in the state of Minnesota, had been received, amounting to \$128.40.

This last payment, like the others, must be turned into the State Treasury, and will become part of the endowment fund of the University of Illinois, on which interest is paid by the State under the act of 1897.

On motion of Superintendent Blair, this payment was accepted, and the President and Secretary of the Board of Trustees were authorized to execute a deed to this property.

**REQUEST FOR ASSIGNMENT OF LAND.**

(21) A letter from the Dean of the College of Agriculture in regard to the assignment among the various University interests of the 320-acre tract of land lying east of the South Farm, and which was recently purchased.

This communication was referred to the Committee on Agriculture for consideration and report.

**LEAVE OF ABSENCE FOR PROF. MUMFORD.**

(22) A request from Prof. Herbert W. Mumford for leave of absence on half pay for the purpose of advanced study for one year beginning September 1, 1915, in accordance with the statutes of the University on that subject.

On motion of Mrs. Busey, this application was granted, provided the President of the University can make satisfactory arrangements for Prof. Mumford's work during this absence.

**APPOINTMENT OF PROFESSOR KUNO MEYER.**

(23) A recommendation that the President of the University be authorized to appoint Dr. Kuno Meyer visiting Professor of Celtic Languages and Literature, for the second semester of the academic year 1914-15; his remuneration to be charged to the appropriation for the salary of Prof. Frechet who was detained in France by the outbreak of the present war.

On motion of Superintendent Blair, this recommendation was approved.

**MARGARET LANGE JAMES LOAN FUND.**

(24) A letter from the President of the University to the Board of Trustees concerning the endowment of a student's loan fund for young women, to be called the Margaret Lange James Loan Fund:

URBANA, ILL., December 8, 1914.

*To the Board of Trustees of the University of Illinois:*

You are probably aware that Mrs. James was very much interested in the welfare of the students of the University of Illinois, and that she concerned herself much with personal and individual, as well as general, cases and problems. She was especially interested in helping to increase the facilities, opportunities, and privileges for young women. She expressed to me, some years ago, a desire that we should provide for the nucleus of a loan fund for students, preferably women, to which other people might be invited to contribute.

In accordance with her wishes, therefore, I am making to you the following proposition.

I will present to the Trustees of the University of Illinois the sum of \$5,000 to be loaned at the rate of five per cent per annum to students, preferably women, who have completed two full years of work in the University of Illinois, and who, by their character, intellectual capacity, and physical vigor give distinct promise of rendering valuable service to their day and generation—this fund to be known as the Margaret Lange James Student Loan Fund.

This offer is made on the condition that the Board of Trustees on their part will agree:

1. To maintain the principal of this fund intact.
2. To pay semi-annually the sum of \$125, during the term of her natural life, to my daughter, Helen Dickson James.
3. To add after her death the income of the fund to the principal.

I recommend that this proposition be referred to the Finance Committee of the board for consideration and report.

EDMUND J. JAMES.

On motion of Superintendent Blair, this offer was referred to the Finance Committee for consideration and acceptance.

**POLICY CONCERNING INCOME AND BUDGET.**

(25) The following statement:

It will be necessary for the Board of Trustees to decide shortly as to what policy they will adopt concerning the requests from the Legislature at the coming session for the support of the University.

I recommend that the Trustees ask the Legislature to appropriate the proceeds of the mill tax in a lump sum to the Trustees of the University of Illinois, for the maintenance and extension of the University.

The following buildings have been approved by the Board of Trustees in the order in which they are placed and with the sums indicated, the latter including in some cases the estimate of the cost of furnishing, made by the Supervising Architect.

1. Chemical Laboratory .....	\$300,000
2. Addition to the Commerce Building .....	150,000
3. Vivarium and Insectary .....	50,000
4. Addition to Natural History Building .....	75,000
5. Building for the School of Education .....	150,000
6. Building for engineering and Ceramics, including reconstruction of mechanical engineering laboratory and extension of mining engi- neering laboratory, completion of the Transportation Building, etc.	225,000
7. Woman's Residence Hall .....	110,000
8. Music Building (chiefly provided for by Capt. Smith's gift) .....	250,000
Total .....	\$1,310,000

In addition to these buildings, the University should provide for a section of the new Library Building (\$250,000), for the beginning of a new plant for the College of Agriculture and Experiment Station (\$250,000), for a School of Pharmacy Building (\$100,000), and for teaching hospital (\$250,000), to be completed as soon as it is possible to obtain the necessary funds.

No action was taken in this matter.

#### EXHIBITS AT PANAMA-PACIFIC EXPOSITION.

(26) A statement of the arrangements that have been made for the various exhibits of the University at the Panama-Pacific Exposition, including:

1. An exhibit to be placed in the exhibit of the Bureau of Agriculture of the Federal Government.
2. An exhibit of the College of Agriculture in the Illinois exhibit under the care of the Illinois Commission.
3. An exhibit of the University Library in the exhibit of the American Library Association.
4. An exhibit of photographs in the exhibit of the United States Bureau of Education.
5. An exhibit of a model of the University grounds and buildings in the educational exhibit of the State of Illinois.

No action was taken concerning this statement.

#### DEDICATION OF ORGAN IN AUDITORIUM.

(27) A statement that the organ for the Auditorium had been finally placed in position and dedicated for use on December 3, 1914, with a concert by Prof. Charles Heinroth, of the Carnegie Institute at Pittsburg.

The organ seems to be satisfactory, although there are some difficulties in the way of its functioning, owing to the dampness of the air in the basement of the Auditorium. An effort is making to adjust this difficulty at the present time.

No action was taken in this matter.

#### APPROVAL OF MINUTES.

The Secretary presented the minutes of the meetings of November 14, 1914, and December 3, 1914. On motion of Mr. Hoyt, the minutes were approved as printed above on pages 136-154-155, inclusive.

#### APPOINTMENTS MADE BY THE PRESIDENT OF THE UNIVERSITY.

The Secretary presented for record the following list of appointments made by President James to fill vacancies in positions provided for in the budget:

Briggs, Evelyn L., Stenographer in the Office of the Comptroller, at a salary of fifty-five dollars (\$55) a month, beginning November 1, 1914, subject to the rules of the Civil Service Commission. (November 28, 1914.)\*

Carothers, H. C., Student Assistant in Anatomy in the College of Medicine, for the first semester of the academic year 1914-15, to give nine hours service a week, at a salary of seventy-five dollars (\$75) for the semester. (November 20, 1914.)

Dame, Louis, Student Assistant in Anatomy in the College of Medicine, for the first semester of the academic year 1914-15, to give six hours service a week, at a salary of fifty dollars (\$50) for the semester. (November 20, 1914.)

Hartwell, B. O., Student Assistant in Anatomy in the College of Medicine, for the first semester of the academic year 1914-15, to give nine hours service a week, at a salary of seventy-five dollars (\$75) for the semester. (November 20, 1914.)

Heacock, E. M., Assistant in Anatomy in the College of Medicine, for the first semester of the academic year 1914-15, to give nine hours service a week, at a salary of fifty dollars (\$50) for the semester. (November 20, 1914.)

Jones, Mabel, Temporary Cataloger in the Library, at a salary of sixty-five dollars (\$65) a month, beginning December 1, 1914, or as soon as she reports for

\* The date in parenthesis is the date on which the appointment was made by the President of the University.

duty and continuing until further notice, subject to the rules of the Civil Service Commission. (December 7, 1914.)

Lewis, H. F., Private Research Fellow in Pharmaceutical Chemistry, with a stipend of five hundred dollars (\$500) for the current academic year, to be paid by Dr. J. H. Beal. (July 22, 1914.)

Lewis, Thurlow G., Clerk of the Practise Court of the College of Law for the current academic year, at a salary of one hundred dollars (\$100) for the year, payable in two installments, one at the end of each semester. (December 7, 1914.)

Little, Roger F., Lecturer on Elementary Law, for the second semester of 1914-15, with a remuneration of two hundred fifty dollars (\$250) for the semester. (December 2, 1914.)

McCoy, Henry J., Student Assistant in Chemistry in the College of Medicine, to give nine hours instruction and the time needed for preparation each week, at a remuneration of one hundred forty dollars (\$140) for the year, payable in two installments, one at the end of each semester. (December 7, 1914.)

Mills, Guy G., Instructor in Civil Engineering, beginning February 1, and continuing until June 15, 1915, at a salary of one hundred dollars (\$100) a month. (November 27, 1914.)

Steitz, Carmen F. H., Stenographer in the Water Survey, at a salary of sixty-five dollars (\$65) a month, beginning November 1, 1914, subject to the rules of the Civil Service Commission. (November 18, 1914.)

Stevens, Hulda, Assistant in Physical Training for Women, for five months beginning February 1, 1915, at a salary of eighty dollars (\$80) a month. (December 7, 1914.)

Welden, N., Student Assistant in Anatomy in the College of Medicine, for the first semester of the academic year 1914-15, to give six hours service a week, at a salary of fifty dollars (\$50) for the semester. (November 20, 1914.)

This report was received for record.

The board adjourned.

W. L. ABBOTT, *President*.

H. E. CUNNINGHAM, *Secretary*.

## MEETING OF JANUARY 22, 1915.

A special meeting of the Board of Trustees of the University of Illinois was held in the Trustees' Room, at the University, in Urbana, at 9.00 a. m., on Friday, January 22, 1915, pursuant to the following notice which was sent out by the Secretary on January 16, 1915:

Upon the call of the President, Mr. W. L. Abbott, there will be a special meeting of the Board of Trustees of the University of Illinois on Friday, January 22, 1915, in the Trustees' Room, at the University, at Urbana, beginning at 9.00 a. m., to consider such business as the President of the University and the committees of the board may present.

When the board convened, the following members were present: President Abbott, Mrs. Busey, Mrs. Evans, Mrs. Henrotin, Mr. Hoit, Mr. Trevett, Miss Watson, Mr. James K. Hopkins, the new President of the State Board of Agriculture, was present and took his seat with the Board of Trustees as a member ex officio.

Mr. Robert F. Carr and Mr. Robert R. Ward, members elect, were present by invitation and sat with the board during the entire day.

President James was present.

### NEEDS OF DEPARTMENTS PRESENTED.

The regular order of business was suspended, and President James introduced the following members of the Faculty of the University, who presented, in the order in which their names appear, the needs of their respective colleges and departments for the coming biennium: Dean K. C. Babcock, the College of Liberal Arts and Sciences; Prof. W. A. Noyes, the Department of Chemistry; Prof. W. C. Bagley, the Department of Education and the School of Education; Prof. S. P. Sherman, the Department of English; Prof. William Trelease, the Department of Botany; Dean Eugene Davenport, the College of Agriculture; Prof. F. H. Rankin, the Department of Agricultural Extension; Prof. H. A. Harding, the Department of Dairy Husbandry; Prof. Isabel Bevier, the Department of Household Science; Prof. C. G. Hopkins, the Department of Agronomy.

At this point, the board took a recess, for luncheon, at 12.15 p. m.

### Afternoon Session.

When the board reconvened after luncheon, the same members were present as during the morning session.

### PRESENTATION OF DEPARTMENTAL NEEDS CONTINUED.

The presentation of departmental needs was continued in the following order:

Dean C. R. Richards, the College of Engineering and the Engineering Experiment Station; Prof. I. O. Baker, the Department of Civil Engineering; Dean David Kinley, the Courses in Commerce and the Graduate School; Prof. E. B. Greene, and Librarian P. L. Windsor, the Library; Dean O. A. Harker, the College of Law; Director J. L. Erb, the School of Music; Assistant Librarian F. K. W. Drury, the Campus Theater; Prof. A. S. Pease, the Museum of Classical Art and Archeology; Maj. F. D. Webster, the Department of Military Science; Director G. A. Huff, the Department of Physical Training.

### APPROVAL OF MINUTES.

The Secretary presented the minutes of the quarterly meeting of December 8, 1914. On motion of Mrs. Evans, the minutes were approved as printed above on pages 156 to 167, inclusive.

**COMPTROLLER'S REPORT.**

The Secretary presented for record the report of Prof. George E. Frazer, Comptroller, for the quarter ending December 31, 1914:

*January 7, 1915.*

*Hon. W. L. Abbott, President, Board of Trustees, University of Illinois.*

DEAR SIR: I have the honor to hand you herewith a report of my accounts as Comptroller, for the three months ending December 31, 1914.

Very truly yours,

GEORGE E. FRAZER, *Comptroller.*

**SCHEDULE 1.****STATEMENT OF RECEIPTS AND DISBURSEMENTS AS AT DEC. 31, 1914,**

	Balance.	Cash receipts Schedule 2.	State revenue.	Total.
University Treasurer—				
General.....	\$71,783 11	\$268,182 69		\$ 339,965 80
United States Agricultural Experiment Station.....	274 83	15,081 39		15,356 22
Trusts.....	3,451 31	23,086 70		26,538 01
Petty cash—				
Bursar.....	5,000 00			5,000 00
Secretary, College of Medicine.....	300 00			300 00
Actuary, School of Pharmacy.....	250 00			250 00
Vice Director, Agricultural Experiment Station.....	600 00			600 00
State Auditor—				
Operation, maintenance and equipment.....			\$1,600,000 00	1,600,000 00
Buildings, land and equipment.....			650,000 00	650,000 00
Water survey and investigation.....	2,310 56		21,500 00	23,810 56
Mechanics' and Miners' Institute.....	5,473 58		15,000 00	20,473 58
Total.....	\$89,443 39	\$306,350 78	\$2,286,500 00	\$2,682,294 17

**SCHEDULE 1—Concluded.**

	Disbursements. Schedule 3.	Balances.	
		Items.	Totals.
University Treasurer—			
General.....	\$154,698 00	\$185,267 80	\$ 191,910 49
United States Agricultural Experiment Station.....	12,370 49	2,985 73	
Trusts.....	22,881 05	3,656 96	
Petty cash—			
Bursar.....		\$5,000 00	6,150 00
Secretary, College of Medicine.....		300 00	
Actuary, School of Pharmacy.....		250 00	
Vice Director, Agricultural Experiment Station.....		600 00	
State Auditor—			
Operation, maintenance and equipment.....	895,492 35	\$704,507 65	1,073,320 22
Buildings, land and equipment.....	303,685 31	346,314 69	
Water survey and investigation.....	12,634 02	11,176 54	
Mechanics' and Miners' Institute.....	9,152 24	11,311 34	
Total.....	\$1,410,913 46		\$1,271,380 71



## SCHEDULE 2.

CASH RECEIPTS, DECEMBER, 1914.

	Previously reported.	Month ending Dec. 31, 1914.	Total receipts.
<b>GENERAL FUND.</b>			
Agricultural College and Experiment Station—			
Press Service.....	\$ 149 90	\$ 44 80	\$ 194 70
Agronomy College.....			
Crop Production.....	190 39		190 39
Farm Mechanics.....	33 40		33 40
Soil Fertility.....	280 02	1 49	281 51
Soil Physics.....	43 75		43 75
Agronomy Experiment Station—fields—			
Agronomy Experiment Fields—soils.....	2,260 38	1,940 45	4,200 83
Agronomy Experiment Station—crops—			
Crop Production Station.....	839 22	436 88	1,276 10
Animal Husbandry College—			
Animal Husbandry Administration <sup>1</sup> .....	3 37	20 11	23 48
Beef cattle.....	148 35	366 66	515 01
Animal Husbandry education.....	4 00		4 00
General and farming.....	480 82		480 82
Horses.....	63 84	65 95	129 79
Poultry.....	351 16	104 21	455 37
Sheep.....	261 00	105 63	366 63
Swine.....	899 61	528 95	1,428 56
Animal Husbandry Experiment Station—			
Animal Husbandry Station—administration <sup>2</sup> .....	201 00		201 00
Beef Cattle Station.....	8,358 66		8,358 66
General and Farming Station.....	480 81		480 81
Live Stock System.....	1,200 00		1,200 00
Horses Station.....		5 50	5 50
Sheep Station.....	204 32	449 39	653 71
Swine Station.....	767 20	559 54	1,326 74
Animal Husbandry Station—bulletins and publications.....	7 30	70	8 00
Cafeteria.....	4,745 08	909 10	5,654 18
Dairy Husbandry College—			
Creamery.....	14,059 15	2,914 80	16,973 95
Dairy Bacteriology <sup>3</sup> .....	5,884 16	1,561 96	7,446 12
Pure bred herd.....	325 00	206 35	531 35
Dairy Experiment Station—			
Official Testing Station.....	1,428 17	708 18	2,136 35
Dairy Experiment Herd Station.....	229 83		229 83
Dairy Farm Station.....	16 49		16 49
Dairy Economics Station.....	49 50	9 00	58 50
Testing Association Station.....	320 00	259 50	579 50
Dairy Technology Station.....	22 50		22 50
Horticultural College—			
Landscape extension.....	18 00	22 02	40 02
Pomology.....	212 36	20 50	232 86
Floriculture.....		94 50	94 50
Olericulture.....	338 88	48 98	387 86
Olney Farm.....	254 27	10 00	264 27
Urbana Farm.....	121 06		121 06
Horticulture—general and farming.....	120 81	3 25	124 06
Horticulture Experiment Station—			
Pomology Station.....	18 10	58 88	76 98
Horticulture Plant Breeding Station.....	26 35		26 35
Olericulture Station.....	17 34		17 34
Household Science.....	57 45	34 60	92 05
Total.....	\$45,493 00	\$11,491 88	\$56,984 88
<b>Engineering College—</b>			
Administration.....	\$ 33 19		\$ 33 19
Ceramics.....	6 50		6 50
Civil Engineering.....	122 75	\$22 50	145 25
Engineering Experiment Station.....	175 20	20 99	196 19
Electrical Engineering.....	78 45		78 45
Mechanical Engineering.....	5 74		5 74
Mining Engineering.....	3 92		3 92
Theoretical and Applied Mechanics.....	1,081 16	1 75	1,082 91
Total.....	\$1,506 91	\$45 24	\$1,552 15
<b>College of Liberal Arts and Sciences—</b>			
Chemistry.....	\$ 35 61		\$ 35 61
Chemical Laboratory addition.....		\$2 57	2 57
Classical Museum.....	181 33		181 33
Education.....	4 63		4 63

## SCHEDULE 2—Continued.

	Previously reported.	Month ending Dec. 31, 1914.	Total receipts.
College of Liberal Arts and Sciences—Concluded.			
History .....	\$72 44	.....	\$77 44
Zoology .....	1 35	.....	1 35
Total .....	\$295 36	\$2 57	\$297 93
College of Dentistry—			
Diploma .....	\$ 2 00	.....	\$ 2 00
General, 1913-14 .....	104 00	.....	104 00
General, 1914-15 .....	2,275 00	\$1,160 00	5,435 00
Infirmiry Clinic .....	1,423 25	256 55	1,679 80
Lockers .....	23 00	.....	23 00
Matriculation, 1914-15 .....	425 00	.....	425 00
Padlocks .....	50 00	.....	50 00
Rent .....	62 50	31 25	93 75
Total .....	\$6,364 75	\$1,447 80	\$7,812 55
College of Medicine—			
Diploma fees .....	\$ 4 00	.....	\$ 4 00
Dispensary .....	351 95	\$ 30 55	382 50
General, 1911-12 .....	10 00	.....	10 00
General, 1912-13 .....	80 00	.....	80 00
General, 1913-14 .....	1,102 00	.....	1,102 00
General, 1914-15 .....	18,160 00	400 00	18,560 00
General Summer Term .....	628 00	.....	628 00
Interest .....	264 00	.....	264 00
Laboratory, 1911-12 .....	30 00	.....	30 00
Laboratory, 1912-13 .....	24 20	.....	24 20
Laboratory, 1913-14 .....	5 00	.....	5 00
Laboratory, 1914-15 .....	2,335 00	.....	2,335 00
Laboratory breakage .....	97 15	.....	97 15
Matriculation .....	1,250 00	.....	1,250 00
Rebates .....	52 20	.....	52 20
Total .....	\$24,393 50	\$430 55	\$24,824 05
Physical plant—			
Campus lighting .....	\$ 66 25	.....	\$ 66 25
Grounds .....	1 00	.....	1 00
Heating and lighting .....	847 31	.....	847 31
Labor .....	75 72	\$167 05	242 77
Physical plant general .....	687 44	260 67	948 11
Physical plant stores .....	58 53	133 11	191 64
Rents—			
Armory .....	90 00	10 00	100 00
Auditorium .....	.....	15 00	15 00
Houses .....	492 50	141 00	633 50
Woman's Building .....	.....	10 21	10 21
Sale of houses .....	830 00	.....	830 00
Telephone exchange .....	4 75	.....	4 75
Total .....	\$3,153 50	\$737 04	\$3,890 54
Miscellaneous—			
Accountancy .....	\$ 11 30	\$ 29 20	\$ 40 50
<i>Alumni Record</i> .....	22 50	.....	22 50
Blue printing .....	275 37	8 20	283 57
Business office .....	10 50	.....	10 50
Emergency Hospital .....	282 27	.....	282 27
Fee collections—			
General and laboratory .....	83,096 80	1,377 75	84,474 55
Lockers—Men's Gymnasium—general .....	1,728 00	10 00	1,738 00
Lockers—Men's Gymnasium—faculty .....	87 00	8 00	95 00
Lockers—Women's Gymnasium .....	379 50	2 00	381 50
Lockers—shop and laboratory .....	123 00	50	123 50
Freshman Advisors .....	25 00	.....	25 00
Graduate School Traveling Fellowship .....	150 00	.....	150 00
Gregory Memorial .....	15 06	.....	15 06
Interest on endowment fund .....	16,211 07	.....	16,211 07
Interest on land contracts .....	.....	8 40	8 40
<i>Journal of English and Germanic Philology</i> .....	25 38	95 50	120 88
Library salaries .....	8 00	.....	8 00
Library .....	20 81	36 66	57 47
Library stacks additions .....	120 82	.....	120 82
Lincoln Hall improvements .....	81	.....	81
Morrill Fund .....	25,000 00	.....	25,000 00

## SCHEDULE 2—Concluded.

	Previously reported.	Month ending Dec. 31, 1914.	Total receipts.
Miscellaneous—Concluded.			
Military Department.....	\$ 154 02	\$103 80	\$ 290 82
Nelson Fund.....	25,000 00		25,000 00
Orchestral concerts.....	3,884 75	6 00	3,870 75
Office supply stores.....	208 12	6 92	215 04
Postage stores.....	100 00		100 00
President's office.....	1 25		1 25
Printograph.....	29 99	16 11	46 10
Salary refund.....	77 50		77 50
Summer Session, 1914.....	85 50		85 50
Student Associations.....	2 00	50	2 50
University studies.....	7 85	37 52	45 37
Water survey salaries.....	300 00		300 00
Weekly Calendar.....	1 00		1 00
Water survey.....	92 60	25 00	117 60
Totals.....	\$157,517 77	\$1,805 06	\$159,322 83
School of Pharmacy—			
Laboratory deposits.....	\$ 1,996 00		\$ 1,996 00
Laboratory balances, 1913-14.....	81		81
Matriculation.....	405 00		405 00
Rebates.....		\$ 8 45	8 45
Tuition.....	10,010 00	1,077 50	11,087 50
Total.....	\$12,411 81	\$1,085 95	\$13,497 76
Total—general funds.....	\$251,136 60	\$17,046 09	\$268,182 69
TRUST FUNDS.			
See Schedule 301.....	\$22,182 27	\$904 43	\$23,086 70
United States Agricultural Experiment Station—			
Adams Fund.....	\$7,500 00		\$7,500 00
Adams Fund receipts.....	19 50	\$61 89	81 39
Hatch Fund.....	7,500 00		7,500 00
Total.....	\$15,019 50	\$61 89	\$15,081 39
SUMMARY.			
General University.....	\$251,136 60	\$17,046 09	\$268,182 69
Trust funds.....	22,182 27	904 43	23,086 70
United States Agricultural Experiment Station.....	15,019 50	61 89	15,081 39
Total.....	\$288,338 37	\$18,012 41	\$306,350 78

<sup>1</sup> \$201.00 transferred to Animal Husbandry Station—Administration.<sup>2</sup> \$201.00 transferred from Animal Husbandry—Administration.<sup>3</sup> \$101.26 transferred from Dairy Bacteriology Station to Dairy Bacteriology College.<sup>4</sup> \$145.00 transferred from General, 1914-15.<sup>5</sup> \$145.00 transferred to General, 1913-14.<sup>6</sup> \$100.00 transferred to Laboratory, 1914-15.<sup>7</sup> \$100.00 transferred from General, 1914-15.

## SCHEDULE 3.

## SUMMARY OF APPROPRIATIONS AS AT DEC. 31, 1914.

	Cash disbursements.	Transfer charges.	Open market orders outstanding.	Job orders outstanding.
Land, buildings and equipments.....	\$186,342 82	\$ 7,432 74	\$ 6,406 56	\$37,085 00
Physical plant.....	83,473 84	66,753 17	20,046 00	10,182 00
Administration and general expense.....	124,827 01	3,920 71	4,889 19	593 00
College of Liberal Arts and Sciences.....	210,259 90	3,667 88	9,748 69	2,294 50
Agricultural College and Experiment Station.....	296,771 19	14,629 55	12,993 23	9,920 50
Engineering College and Experiment Station.....	135,953 86	3,169 25	2,875 36	1,305 00
Graduate School.....	17,465 35	62 43	1,549 10	7 00
College of Medicine and Dentistry.....	78,702 71	2,269 99	6,440 37	
Other schools and departments.....	254,385 73	887 47	312 29	95 00
Trusts.....	22,881 05			
Total.....	\$1,410,913 46	\$102,793 19	\$65,260 79	\$81,482 00

## SCHEDULE 3—Concluded.

	Library orders out- standing.	Contracts outstand- ing.	Total.	Schedule number.
Land, buildings and equipments.....	\$ 163 40	\$312,945 79	\$550,376 31	31
Physical plant.....		1,563 01	182,018 02	32
Administration and general expenses.....	10,056 47	3,600 00	147,886 38	33
College of Liberal Arts and Sciences.....			225,970 97	34
Agricultural College and Experiment Station.....		1,284 26	335,598 73	35
Engineering College and Experiment Station.....	173 49		143,476 96	36
Graduate School.....	1,011 53		20,095 41	37
College of Medicine and Dentistry.....		14,144 83	101,557 90	38
Other schools and departments.....	2,996 10	2,850 00	261,526 59	39
Trusts.....			22,881 05	301
Total.....	\$14,400 99	\$336,387 89	\$1,991,238 32	

## SCHEDULE 31.

## STATEMENT OF APPROPRIATIONS FOR LAND, BUILDINGS AND EQUIPMENT AS AT DEC. 31, 1914

	*Credits.	Cash disburse- ments.	Transfer charges.	Open market orders outstand- ing.	Job orders outstand- ing.
Land and land improvements—					
Land.....		\$21,452 37	\$ 7 00		
Pavements and walks.....		1,352 84	9 21		
Campus lighting.....	\$ 2,638 77	2,100 47	538 25		
Campus extension.....			11 62		
Tennis courts.....			94 71		
Woman's playground.....		217 79	20		
Buildings—					
Armory (new).....	66,392 96	45,992 57	1,659 10	\$2,993 40	\$12,400 00
Armory (old) improvements.....	2,500 00	361 99	346 70	40 00	1,550 00
Auditorium.....	10,327 85	4,789 68	680 75	158 44	4,460 00
Administration Building.....		35,847 61	140 18		
Botanical Laboratory.....	23,311 14	8,134 10	17 20	2,807 10	7,195 00
Ceramics Building.....		525 05	4 55		
Chemistry Building addition.....		28,184 97	228 97		8,980 00
Commerce Building (1912-1913).....		516 81		345 20	
Education Building.....		104 46	24 57		
Law Building (1912-1913).....		7 00			
Library stacks addition.....		18,862 01	112 40		1,100 00
Lincoln Hall improvements.....		69 08	36 72		800 00
Mining Laboratory.....			1 70		
Observatory.....	2,471 79	1,721 77	400 02		350 00
Music Building.....			12 20		
Storehouse.....		1 96	1,918 67		
Zoology Vivarium.....		727 75	735 48	55 00	250 00
Woman's Residence Hall.....			12 60		
General equipment—					
Furniture and fixtures.....		110 52	459 94	7 42	
Pipe organ.....		15,262 02			
Total.....		\$186,342 82	\$7,432 74	\$6,406 56	\$37,085 00

\* Limitations as set by the President.

## SCHEDULE 31—Concluded.

	Library orders out- standing.	Contracts.	Total.	Balance.
Land and land improvements—				
Land.....			\$21,459 37	
Pavements and walks.....			1,362 05	
Campus lighting.....			2,638 72	\$ 05
Campus extension.....			11 62	
Tennis court.....			94 71	
Woman's playground.....			217 99	
Buildings—				
Armory (new).....		\$ 3,201 30	66,246 37	146 59
Armory (old) improvements.....			2,298 69	201 31
Auditorium.....			10,088 87	238 98
Administration Building.....		92,650 69	128,638 48	
Botanical Laboratory.....		4,525 00	22,678 40	632 74
Ceramics Building.....			529 60	
Chemistry Building addition.....		209,049 26	246,443 20	
Commerce Building (1912-1913).....	\$163 40		1,025 41	
Education Building.....			129 03	
Law Building (1912-1913).....			7 00	
Library stacks addition.....		2,519 54	22,593 95	
Lincoln Hall improvements.....			905 80	
Mining Laboratory.....			1 70	
Observatory.....			2,471 79	
Music Building.....			12 20	
Storehouse.....			1,920 63	
Zoology Vivarium.....			1,768 23	
Woman's Residence Hall.....			12 60	
General equipment—				
Furniture and fixtures.....			557 88	
Pipe organ.....		1,000 00	16,262 02	
Total.....	\$163 40	\$312,945 79	\$550,376 31	

## SCHEDULE 32.

## STATEMENT OF APPROPRIATIONS FOR PHYSICAL PLANT AS AT DEC. 31, 1914.

	Credits.	Cash disburse- ments.	Transfer charges.	Open market orders out- standing.
Extension—				
Fire protection equipment.....		\$ 284 48		
Heating and lighting plant addition and equip- ment.....	\$47,138 40	35,118 45	\$ 2,295 84	\$ 4,231 75
Telephone extension.....		577 76		
Tunnel extension.....		7,400 00	333 12	
Heat, light and water extension.....	19,106 66	3,252 14	10,340 07	
Auto truck.....		450 00		
Operation and maintenance—				
Salaries.....		4,829 86		
Administration.....		4,417 95	6,169 76	100 50
Heating and lighting.....		17,344 53	13,100 44	15,288 75
Buildings operation.....		7,639 58	15,848 29	
Buildings maintenance.....		15 85	13,020 21	
Grounds.....		1,291 37	3,130 31	30 00
Fire protection.....		233 33	1,271 90	
Water station.....		73 31	617 90	365 00
Telephone exchange.....		545 23	625 33	30 00
Total.....		\$83,473 84	\$66,753 17	\$20,046 00

## SCHEDULE 32—Concluded.

	Job orders outstand- ing.	Contracts.	Total.	Balances.
Extension—				
Fire protection equipment.....			\$ 284 48	
Heating and lighting plant addition and equip- ment.....	\$4,265 00	\$1,563 01	47,474 05	*\$343 65
Telephone extension.....			577 76	
Tunnel extension.....			7,733 12	
Heat, light and water extension.....	5,500 00		19,092 21	14 45
Auto truck.....			450 00	
Operation and maintenance—				
Salaries.....			4,829 86	
Administration.....	24 00		10,712 21	
Heating and lighting.....	75 00		45,808 72	
Buildings operation.....			23,487 87	
Buildings maintenance.....			13,036 06	
Grounds.....	118 00		4,569 68	
Fire protection.....			1,505 23	
Water Station.....			1,056 21	
Telephone exchange.....	200 00		1,400 56	
Total.....	\$10,182 00	\$1,563 01	\$182,018 02	

\*Overdraft.

## SCHEDULE 33.

STATEMENT OF APPROPRIATIONS FOR ADMINISTRATION AND GENERAL EXPENSE  
AS AT DEC. 31, 1914.

	Cash disburse- ments.	Transfer charges.	Open market orders out- standing.	Job orders out- standing.	Library orders out- standing.	Total.
Administrative offices—						
Salaries.....	\$26,456 34					\$26,456 34
Board of Trustees.....	1,878 19	\$ 36 55	\$ 16 50			1,929 24
President's office.....	1,250 67	579 39		\$ 12 00		1,842 06
Vice President's office.....	295 27					295 27
Quarterly Audit.....	719 52					719 52
Business office.....	3,102 09	774 80	186 50	16 00		4,079 39
Registrar's office.....	2,800 59	504 87	361 00			3,666 46
Council of Administration.....	294 79					294 79
Legal Counsel.....	49 57		43 15			92 72
Treasurer's office.....	150 00					150 00
University Senate.....	33 05		15 00			48 05
General departments—						
Salaries.....	36,803 73					36,803 73
Library additions.....	20,572 69	185 30			\$10,056 47	30,814 46
Library.....	5,751 10	427 64	435 00	63 00		6,676 74
Dean of Men.....	2,002 77	229 33	91 50			2,323 60
Dean of Women.....	286 03	38 65				324 68
Physical Training for Men.....	583 77	93 28	169 00	107 00		953 05
Physical Training for Women.....	176 21	59 28	19 50	25 00		279 99
Military.....	1,728 18	201 36	35 80	360 00		2,325 34
High School Visitor.....	488 76	47 35				536 11
Blue printing and photog- raphy.....	3,693 46	70 31	44 99	10 00		3,818 76
High School Conference.....	577 97	1 60				579 57
High School Contest.....	11 01	21 68	20 00			52 69
Publications—						
<i>Alumni Record</i> .....	3 29					3 29
<i>Alumni Quarterly</i> .....	500 00					500 00
<i>Annual Register</i> .....	44 59		3,300 00			3,344 59
<i>Directory of Matriculants</i> .....	748 25	484 80				1,233 05
<i>Faculty Directory</i> .....	156 63					156 63
<i>Comptroller's Report</i> .....	456 00	13 84				469 84
General.....	247 13	2 14				249 27
Diplomas.....	978 82					978 82
<i>Journal of English and Ger- manic Philology</i> .....	504 70	25 00				529 70
Press service.....	58 00	9 92				67 92
Economic Geology.....	36 00					36 00
<i>Mississippi Historical Review</i> .....	75 00					75 00

## SCHEDULE 33—Concluded.

	Cash disburse- ments.	Transfer charges.	Open market orders out- standing.	Job orders out- standing.	Library orders out- standing.	Total.
Publications—Concluded.						
Registration Booklet.....	\$1,685 12	.....	.....	.....	.....	\$1,685 12
<i>Student Handbook</i> .....	300 00	.....	.....	.....	.....	300 00
<i>Weekly Calendar</i> .....	91 97	.....	.....	.....	.....	91 97
General expense—						
Gregory Memorial.....	376 02	\$49 21	.....	.....	.....	425 23
Emergency Hospital.....	.....	.....	.....	.....	.....	.....
Towel system.....	615 14	.....	.....	.....	.....	615 14
Orchestra concerts.....	1,114 54	12 32	\$136 25	.....	*\$3,600 00	4,863 11
Convocations.....	485 84	6 35	15 00	.....	.....	507 19
Rebates to students.....	6,093 90	.....	.....	.....	.....	6,093 90
Receptions and social func- tions.....	44 00	45 74	.....	.....	.....	89 74
Lectures.....	508 31	.....	.....	.....	.....	508 31
Total.....	\$124,827 01	\$3,920 71	\$4,889 19	\$593 00	\$13,656 47	\$147,886 38

\* Contract.

## SCHEDULE 34.

STATEMENT OF APPROPRIATIONS FOR COLLEGE OF LIBERAL ARTS AND SCIENCES  
AS AT DEC. 31, 1914.

	Cash disburse- ments.	Transfer charges.	Open market orders out- standing.	Job orders outstand- ing.	Total.
Salaries.....	\$177,369 96	.....	.....	.....	\$177,369 96
Administration.....	715 28	\$ 114 65	\$ 45 50	.....	875 43
Art and Design.....	104 89	23 63	2 60	.....	131 12
Astronomy.....	269 52	37 28	352 80	.....	659 60
Bacteriology.....	1,269 65	164 90	362 90	\$ 3 50	1,800 95
Botany.....	2,685 28	125 72	1,478 71	.....	4,289 71
Ceramics cooperative investigation..	958 84	.....	.....	.....	958 84
Ceramics.....	2,510 43	356 08	320 10	136 00	3,322 61
Chemistry.....	17,511 78	1,697 12	3,397 60	1,945 25	24,551 75
Chemistry 1915-1916.....	.....	.....	1,338 15	.....	1,338 15
Classics.....	13 40	6 19	42 50	.....	62 09
Education.....	684 71	337 64	246 74	.....	1,269 09
Educational survey.....	242 55	2 25	.....	.....	244 80
English.....	739 31	109 94	10 00	5 00	864 25
Entomology.....	200 25	11 88	167 70	4 00	383 83
Geology.....	293 20	41 55	296 66	.....	577 41
German.....	37 00	15 38	.....	30 00	82 38
History.....	44 50	79 08	3 60	.....	127 18
Mathematics.....	342 36	91 13	5 00	75	439 24
Philosophy.....	28	6 96	.....	.....	7 24
Physiology.....	733 52	87 66	110 75	2 00	933 93
Political Science.....	8 50	8 46	.....	.....	16 96
Psychology.....	892 69	32 56	95 75	31 50	1,052 50
Romance Languages.....	45 07	29 96	.....	.....	72 03
Sociology.....	49 55	18 91	.....	.....	68 46
Zoology.....	1,883 58	184 70	997 37	93 50	3,159 15
Museums—					
Classical.....	624 97	83 82	403 76	15 00	1,127 55
European Culture.....	36 03	1 00	1 75	28 00	66 78
Natural History.....	46 80	2 43	68 75	.....	117 98
Total.....	\$210,259 90	\$3,667 88	\$9,748 69	\$2,294 50	\$225,970 97

## SCHEDULE 35.

STATEMENT OF APPROPRIATIONS FOR AGRICULTURAL COLLEGE AND EXPERIMENT STATION  
AS AT DEC. 31, 1914.

	Cash disburse- ments.	Transfer charges.	Open market orders out- standing.	Job orders out- standing.	Con- tracts.	Total.
Buildings—						
Stock Pavilion.....	\$ 9 81	\$ 413 47	\$ 200 00	.....	\$994 03	\$ 1,617 31
Horticulture Glass Houses.....	30 75	.....	.....	.....	.....	30 75
Animal Nutrition Laboratory.....	.....	5 56	.....	\$6,890 00	.....	6,895 56
Feeding plant.....	.....	1 75	.....	.....	.....	1 75
College—						
Administration.....	6,543 72	326 23	187 28	112 00	.....	7,169 23
Agricultural Extension.....	9,629 73	419 02	.....	25 00	.....	10,073 75
Agronomy, Schedule 351.....	23,233 65	1,144 95	410 02	362 00	.....	25,150 62
Animal Husbandry, Schedule 352.....	41,805 13	1,799 21	2,623 85	344 00	.....	46,572 19
Dairy Husbandry, Schedule 353.....	31,420 92	6,034 64	1,175 93	1,302 00	.....	39,933 49
Horticulture, Schedule 354.....	30,348 43	1,244 72	750 98	287 00	290 23	32,921 36
Household Science.....	12,822 38	239 51	553 05	97 50	.....	13,712 44
Cafeteria.....	5,344 32	612 78	600 81	.....	.....	6,557 91
Veterinary Science.....	1,253 58	4 00	.....	.....	.....	1,257 58
Agricultural press service.....	1,836 58	143 28	1 00	.....	.....	1,980 86
Animal Husbandry specimens, Schedule 352.....	1,159 95	.....	.....	.....	.....	1,159 95
Station—						
Agronomy, Schedule 351.....	57,416 02	92 33	824 29	70 00	.....	58,402 64
Dairy, Schedule 353.....	17,452 39	1,404 47	280 89	30 00	.....	19,167 75
Animal Husbandry, Schedule 352.....	16,014 36	594 28	620 68	367 00	.....	17,596 32
Horticulture, Schedule 354.....	18,236 37	149 35	294 10	.....	.....	18,679 82
United States Station—						
Hatch Administration.....	2,006 99	.....	.....	.....	.....	2,006 99
Hatch Nitrogen Fixation Research.....	957 63	.....	7 90	34 00	.....	999 53
Hatch Agronomy.....	600 00	.....	.....	.....	.....	600 00
Hatch Dairy Husbandry.....	2,827 18	.....	.....	.....	.....	2,827 18
Adams Administration.....	691 77	.....	.....	.....	.....	691 77
Adams Animal Husbandry.....	1,370 32	.....	50 40	.....	.....	1,420 72
Adams Horticulture.....	3,916 60	.....	.....	.....	.....	3,916 60
Soil maps.....	9,842 61	.....	4,412 05	.....	.....	14,254 66
Total, Schedule 3.....	\$296,771 19	\$14,629 55	\$12,993 23	\$9,920 50	\$1,284 26	\$335,598 73

## SCHEDULE 351.

## STATEMENT OF ACCOUNTS FOR AGRONOMY AS AT DEC. 31, 1914.

	Cash disburs- ments.	Transfer charges.	Open market orders out- standing.	Job orders out- standing.	Total.
College—					
Crop production.....	\$2,320 29	\$213 76	\$ 13 60	.....	\$2,547 65
Farm mechanics.....	5,628 49	330 19	215 42	\$103 00	6,277 10
Plant breeding.....	1,802 71	27 94	.....	.....	1,830 65
Soil fertility.....	8,150 90	322 37	104 00	199 00	8,776 27
Soil physics.....	5,331 26	250 69	15 00	60 00	5,656 95
1913-14 orders outstanding.....	.....	.....	62 00	.....	62 00
Total, Schedule 35.....	\$23,233 65	\$1,144 95	\$410 02	\$362 00	\$25,150 62
Experiment Station—					
Agronomy Experiment Station—soils—					
Agronomy Experiment—fields.....	\$21,990 77	\$ 1 15	\$223 50	.....	\$22,215 42
Soils analysis.....	8,183 78	41 42	28 50	.....	8,253 70
Soil survey.....	14,249 59	12 23	50 80	\$20 00	14,332 62
Soil extension.....	1,204 05	.....	.....	.....	1,204 05
1913-14 orders outstanding.....	.....	.....	300 00	.....	300 00



## SCHEDULE 351—Concluded.

	Cash disburse- ments.	Transfer charges.	Open market orders out- standing.	Job orders out- standing.	Total.
Experiment Station—Concluded.					
Agronomy Experiment Station—crops—					
Crop production.....	\$7,712 55	\$12 55	\$ 85 45	\$50 00	\$7,860 55
Plant breeding.....	4,075 28	24 98	125 28	.....	4,225 54
1913-14 orders outstanding.....	.....	.....	10 76	.....	10 76
Total, Schedule 35.....	\$57,416 02	\$92 33	\$824 29	\$70 00	\$58,402 64
United States Experiment Station—					
Hatch soil fertility.....	\$600 00	.....	.....	.....	\$600 00

## SCHEDULE 352.

## STATEMENT OF APPROPRIATIONS FOR ANIMAL HUSBANDRY AS AT DEC. 31, 1914.

	Cash disburse- ments.	Transfer charges.	Open market orders out- standing.	Job orders out- standing.	Total.
College—					
Administration.....	\$16,042 54	\$273 04	\$ 40 60	\$55 00	\$16,411 18
Animal Nutrition.....	3,149 05	101 00	.....	.....	3,250 05
Beef cattle.....	5,582 81	251 96	10 75	69 00	5,914 52
Education.....	832 56	122 68	56 00	14 00	1,025 24
General and farming.....	3,470 92	89 46	135 02	10 00	3,705 40
Genetics.....	51 19	231 17	6 80	90 00	\$79 16
Horses.....	6,371 31	2 75	1,005 51	99 00	7,478 57
Poultry.....	1,766 86	506 37	63 80	.....	2,337 03
Sheep.....	1,143 11	60 83	339 35	.....	1,543 29
Swine.....	3,394 78	159 95	173 80	7 00	3,735 53
1913-14 orders outstanding.....	.....	.....	792 22	.....	792 22
Total, Schedule 35.....	\$41,805 13	\$1,799 21	\$2,623 85	\$344 00	\$46,572 19
Station—					
Administration.....	\$1,710 91	\$ 71 09	.....	\$ 14 00	\$1,796 00
Animal Nutrition.....	3,272 56	329 82	\$ 59 73	23 00	3,685 11
Beef cattle.....	1,563 04	12 20	2 00	.....	1,577 24
General and farming.....	2,070 68	.....	.....	300 00	2,370 68
Horses.....	2,993 19	.....	253 50	.....	3,246 69
Meat.....	280 00	.....	.....	.....	280 00
Live stock system.....	1,238 57	3 03	.....	.....	1,241 60
Sheep.....	909 90	4 32	20 50	.....	934 72
Swine.....	1,964 44	173 82	284 95	30 00	2,453 21
Bulletins and publications.....	11 07	.....	.....	.....	11 07
Total, Schedule 35.....	\$16,014 36	\$594 28	\$620 68	\$367 00	\$17,596 32
United States Experiment Station—					
Adams—Animal Nutrition.....	\$953 98	.....	.....	.....	\$953 98
Adams—Genetics.....	413 09	.....	\$22 15	.....	435 24
Adams—Swine.....	3 25	.....	28 25	.....	31 50
Total, Schedule 35.....	\$1,370 32	.....	\$50 40	.....	\$1,420 72
Specimens—					
Horses.....	\$903 28	.....	.....	.....	\$903 28
Sheep.....	151 57	.....	.....	.....	151 57
Swine.....	105 10	.....	.....	.....	105 10
Total, Schedule 35.....	\$1,159 95	.....	.....	.....	\$1,159 95

## SCHEDULE 353.

## STATEMENT OF ACCOUNTS FOR DAIRY HUSBANDRY AS AT DEC. 31, 1914.

	Cash disburse- ments.	Transfer charges.	Open market orders out- standing.	Job orders out- standing.	Total.
College—					
Administration.....	\$ 4,820 10	\$ 278 70	\$ 36 75	\$ 28 00	\$ 5,163 55
Creamery.....	14,938 71	960 30	929 31	651 00	17,479 32
Technology.....	2,163 36	26 37	12 90	49 00	2,251 63
Bacteriology.....	2,518 07	3,656 60	141 13	546 00	6,861 80
Pure bred herd.....	5,230 72	1,112 67	32 21	28 00	6,403 60
Experiment herd.....	1,749 96				1,749 96
1913-14 orders outstanding.....			23 63		23 63
Total, Schedule 35.....	\$31,420 92	\$6,034 64	\$1,175 93	\$1,302 00	\$39,933 49
Station—					
Official testing.....	\$3,577 74	\$ 34 25	\$ 32 00		\$3,643 99
Bacteriology.....	718 68	147 43		\$30 00	896 11
Experiment herd.....	4,087 60	1,125 45	121 44		5,334 49
Farm Station.....	3,615 29	18 98	59 85		3,694 12
Economics.....	1,744 76	44 36	67 60		1,856 72
Technology.....	3,257 28				3,257 28
Testing Association.....	451 04	34 00			485 04
Total, Schedule 35.....	\$17,452 39	\$1,404 47	\$280 89	\$30 00	\$19,167 75
United States Experiment Station—					
Hatch—Bacteriology.....	\$1,418 51				\$1,418 51
Hatch—Chemistry.....	758 71				758 71
Hatch—Economics.....	649 96				649 96
Total, Schedule 35.....	\$2,827 18				\$2,827 18

## SCHEDULE 354.

## STATEMENT OF ACCOUNTS FOR HORTICULTURE AS AT DEC. 31, 1914.

	Cash disburse- ments.	Transfer charges.	Open market orders out- standing.	Job orders out- standing.	Total.
College—					
Administration.....	\$5,140 68	\$ 140 08			\$5,280 76
Landscape extension.....	5,074 57	510 85	\$ 13 25	\$ 91 00	5,689 67
Landscape gardening.....	4,750 31	135 15	339 36		5,224 82
Pomology.....	1,576 88	1 97	25	85 00	1,664 10
Olericulture.....	3,794 01	22 03	9 50	20 00	3,845 54
Floriculture.....	3,624 29	327 94	115 42	56 00	4,123 65
Olney Farm.....	996 50		227 00		1,223 50
Urbana Farm.....	2,919 91	4 50	5 50	*290 23	3,220 14
Forestry.....	159 30				159 30
General and farming.....	2,311 92	102 20	25 00	35 00	2,474 12
1913-14 orders outstanding.....			15 70		15 70
Total, Schedule 35.....	\$30,348 37	\$1,244 72	\$750 98	\$577 23	\$32,921 30
Experiment Station—					
Pomology.....	\$3,765 27	\$55 88	\$ 80 55		\$3,901 70
Olericulture.....	543 76				543 76
Plant breeding.....	2,752 26	71 02	3 20		2,826 48
Olney Farm.....	955 23				955 23
Floriculture.....	5,219 91	22 45			5,242 36
1913-14 orders outstanding.....			210 35		210 35
Total, Schedule 35.....	\$18,236 43	\$149 85	\$294 10		\$18,679 88
United States Experiment Station—					
Adams—Pomology.....	\$ 750 00				\$ 750 00
Adams—Plant breeding.....	3,166 60				3,166 60
Total, Schedule 35.....	\$3,916 60				\$3,916 60

\* Contract.

## SCHEDULE 36.

STATEMENT OF APPROPRIATIONS FOR ENGINEERING COLLEGE AND EXPERIMENT STATION AS  
AT DEC. 31, 1914.

	Cash disburse- ments.	Transfer charges.	Open market orders out- standing.	Job orders out- standing.	Library orders out- standing.	Total.
College—						
Salaries.....	\$93,924 99					\$93,924 99
Administration.....	1,074 46	\$432 45	\$ 10 00	\$ 20 00		1,536 91
Architecture.....	2,072 03	326 16		55 00	\$148 09	2,601 28
Civil Engineering.....	390 66	234 29	74 05	165 00	16 75	880 75
Electrical Engineering.....	1,336 42	445 96	157 13	78 00		2,015 51
General Engineering Drawing.....	567 43	96 94	28 13			692 50
Mechanical Engineering.....	5,429 15	764 65	205 59	116 00		6,515 39
Mining Engineering.....	1,285 13	189 23	168 40	654 00	8 65	2,305 41
Physics.....	2,439 07	124 63	548 02	165 00		3,276 72
Railway Engineering.....	956 59	79 20	567 60			1,603 39
Theoretical and Applied Me- chanics.....	944 66	255 37	38 06			1,238 09
Civil Engineering, short course	4 75	9 46	27 00			41 21
Station—						
Salaries.....	11,027 06					11,027 06
Administration.....	1,207 68	68 91	22 00			1,298 59
Chemistry.....	41 40	3 85	266 70	50 00		361 95
Civil Engineering.....	197 98					197 98
Electrical Engineering.....	966 58	30 13	14 65			1,011 36
Mechanical Engineering.....	1 48	30	20 00			21 78
Railway Engineering.....	28 00					28 00
Theoretical and Applied Me- chanics.....	726 49	94 51	72 97			893 97
Cooperative mines.....	1,532 69	13 21	260 26			1,806 16
Mechanics' and Miners' Institutes	9,799 16		394 80	4 00		10,197 96
Total.....	\$135,953 86	\$3,169 25	\$2,875 36	\$1,305 00	\$173 49	\$143,476 96

## SCHEDULE 37.

STATEMENT OF APPROPRIATIONS OF THE GRADUATE SCHOOL AS AT DEC. 31, 1914.

	Appropia- tions and credits.	Cash disburse- ments.	Transfer charges.	Open mar- ket orders outstand- ing.	Job orders outstand- ing.	Library orders outstand- ing.	Total.	Free balance.
Salaries and Fellowships.....		\$12,948 96					\$12,948 96	
Administration.....	\$1,500 00	631 89	\$32 01	\$ 27 20		\$ 3 30	694 40	\$ 805 60
Library equipment—								
Bagley.....	500 00	229 72				50 72	280 44	219 56
Carnahan.....	160 00					120 00	120 00	40 00
Blondheim.....	150 00	9 98				4 00	13 98	136 02
Fitz-Gerald.....	400 00							400 00
Jones.....	175 00					160 00	160 00	15 00
Loomis.....	200 00	5 90				106 75	112 65	87 35
Moore.....	225 00					220 00	220 00	5 00
Rietz.....	17 00					16 62	16 62	38
Schoepperle.....	220 00					126 50	126 50	93 50
Sherman.....	500 00	4 00				190 56	194 56	305 44
Stock.....	400 00	373 62					373 62	26 38
Unassigned.....	553 00							553 00
Research—								
Balke.....	88 00	88 00					88 00	
Bayley.....	100 00							100 00
Blondheim.....	100 00	70 65					70 65	29 35
Fairlie.....	150 00			120 00			120 00	30 00
Forbes.....	100 00	37 28		13 60			50 88	49 12
Savage.....	197 83	197 83					197 83	
Shelford.....	250 00	216 68		15 00	\$7 00		238 68	11 32
Stebbins.....	150 00	62 97	7 40	38 00			108 37	41 63
Trelease.....	100 00	99 45					99 45	55
Washburn.....	322 15	282 15					282 15	40 00
Zeleny.....	200 00	13 25					13 25	186 75
Unassigned.....	3,962 02							3,962 02

## SCHEDULE 37—Concluded.

	Appropriations and credits.	Cash disbursements.	Transfer charges.	Open market orders outstanding.	Job orders outstanding.	Library orders outstanding.	Total.	Free balance.
Illinois survey.....	\$3,000 00	\$1,041 51	\$12 52	\$ 50 00	.....	\$13 08	\$1,117 11	\$1,882 89
University studies.....	4,000 00	1,151 51	10 50	1,285 30	.....	.....	2,447 31	1,552 69
Journal of English and Germanic Philology...	500 00	.....	.....	.....	.....	.....	.....	500 00
Crockerland expedition.	2,500 00	.....	.....	.....	.....	.....	.....	2,500 00
Total, Schedule 3.....	.....	\$17,465 35	\$62 43	\$1,549 10	\$7 00	\$1,011 53	\$20,095 41	.....

## SCHEDULE 38.

STATEMENT OF APPROPRIATIONS OF THE COLLEGES OF MEDICINE AND DENTISTRY  
AS AT DEC. 31, 1914.

Statement of J. S. Tomlinson, cashier.	Cash disbursements.	Transfer charges.	Open market orders outstanding.	Contracts outstanding.	Total.
General—					
Salaries.....	\$16,939 83	.....	.....	.....	\$16,939 83
Administration.....	1,309 50	\$130 84	\$ 189 55	\$ 144 42	1,774 31
Physical plant.....	12,396 65	43 13	620 91	12,045 62	25,106 31
Laboratory supplies.....	199 76	.....	6 00	.....	205 76
Anatomy.....	486 12	250 98	57 13	580 32	1,374 55
Physiology.....	481 94	25 41	16 96	.....	524 31
Chemistry.....	422 40	362 96	189 23	.....	974 59
Laboratory stores.....	6,266 66	.....	2,369 82	.....	8,636 48
Microscope fund.....	.....	.....	1,383 50	.....	1,383 50
Medical—					
Salaries.....	13,816 37	.....	.....	.....	13,816 37
Administration.....	3,098 82	136 52	17 95	843 37	4,096 66
Pathology.....	212 19	149 63	168 58	.....	530 40
Pharmacology.....	236 21	107 01	63 80	.....	407 02
Research.....	376 56	319 83	59 86	.....	756 25
Medicine.....	234 00	10 70	37 60	.....	282 30
Surgery.....	178 59	140 33	4 35	.....	323 27
Obstetrics.....	343 30	9 00	.....	.....	352 30
Roentgenology.....	385 28	22	41 55	.....	427 05
Dispensary.....	1,015 83	385 15	54 85	.....	1,455 83
Library.....	1,258 21	16 58	862 91	.....	2,137 70
Bacteriology.....	8 50	.....	.....	.....	8 50
Dental—					
Salaries.....	8,664 78	.....	.....	.....	8,664 78
Administration.....	1,469 60	64 92	.....	531 10	2,065 62
Oral Surgery and Pathology.....	26 39	4 15	.....	.....	30 54
Operative Dentistry.....	23 15	.....	150 00	.....	173 15
Prosthetic Dentistry.....	185 78	91	3 10	.....	189 79
Histology and Orthodontia.....	6 88	31 56	31 40	.....	69 84
Bacteriology.....	19 85	52 72	9 50	.....	82 07
Infirmery.....	1,861 01	26 99	56 82	.....	1,944 82
Radiology.....	101 63	45	45 00	.....	147 08
Mortgage and interest.....	6,646 19	.....	.....	.....	6,646 19
Total.....	\$78,671 98	\$2,269 99	\$6,440 37	\$14,144 83	\$101,527 17
Add Gehrmann voucher to be cancelled	\$66 66	.....	.....	.....	.....
Deduct bills unpaid.....	2 60	30 73	.....	.....	50 73
Deduction to be made on Chicago banks.....	\$33 33	.....	.....	.....	.....
Total as per business office.....	\$78,702 71	\$2,269 99	\$6,440 37	\$14,144 83	\$101,557 90

## SCHEDULE 39.

STATEMENT OF APPROPRIATIONS FOR OTHER SCHOOLS AND DEPARTMENTS AS AT DEC. 31, 1914.

	Cash disburse- ments.	Trans- fer charges.	Open market orders out- stand- ing.	Job orders out- stand- ing.	Library orders out- stand- ing.	Contract.	Total.
Commerce—							
Salaries .....	\$14,113 22						\$14,113 22
Expense .....	2,498 35	\$125 74	\$ 92 17	\$ 1 00	\$1,542 20		4,259 46
Law School—							
Salaries .....	11,333 12						11,333 12
Expense .....	380 42	46 40	30 00				456 82
Pharmacy—							
Salaries .....	4,966 58						4,966 58
Expense .....	7,501 64	60	126 82			\$2,500 00	10,129 06
Library School—							
Salaries .....	3,542 40						3,542 40
Expense .....	382 84	13 88					396 72
Music—							
Salaries .....	8,029 94						8,029 94
Expense .....	639 08	44 26	14 40	31 00		350 00	1,078 74
Water survey .....	17,113 66	400 52	14 40	63 00			17,591 58
Summer Session .....	24,011 22	7 90	34 50				24,053 62
Accountancy Committee .....	438 56	10 00					448 56
Law Library .....	1,456 82				1,453 90		2,910 72
Library Summer School .....	237 50						237 50
Stores and transfer ac- counts—							
Office supply stores .....	6,629 86	75					6,630 61
Physical plant stores .....	69,277 32	230 07					69,507 39
Postage stores .....	4,344 80						4,344 80
Printograph .....	340 65	7 35					348 00
Labor .....	77,147 75						77,147 75
Total .....	\$254,385 73	\$887 47	\$312 29	\$95 00	\$2,996 10	\$2,850 00	\$261,526 59

## SCHEDULE 301.

TRUSTS FUND TRANSACTIONS AS AT DEC. 31, 1914.

	Balance July 1, 1914.	Receipts to Nov. 30, 1914.	Re- ceipts Decem- ber.	Total receipts.	Dis- burse- ments to Nov. 30, 1914.	Dis- burse- ments Decem- ber.	Total disburse- ments.	Balance Dec. 31, 1914.
B'nai B'rith .....	\$ 114 85			\$ 114 85	\$ 19 30		\$ 19 30	\$ 95 55
Bryan Prize .....	250 00			250 00				250 00
Class of 1895 Loan Fund .....	78			78				78
Graduate School Theses deposits .....	575 00			575 00		\$ 50 00	50 00	525 00
Key deposits .....		\$ 175 50	\$ 12 00	187 50	2 00	1 00	3 00	184 50
McDowell Memor- ial .....	4 57			4 57				4 57
McKinley Loan Fund—								
Interest .....		164 43	7 28	171 71				171 71
Principal .....	48 79	914 00	20 00	982 79	975 00	150 00	1,125 00	*142 21
Margaret Lange James Student Loan Fund .....			500 00	500 00				500 00
Military suits de- posits .....		18,969 90	113 40	19,083 30	6,285 60	12,725 15	19,010 75	72 55
Parr deposits .....		187 70	168 00	355 70	93 00	225 00	318 00	37 70
Plym Fellowship .....	1,200 00			1,200 00	200 00		200 00	1,000 00
Snyder Loan Fund—								
Interest .....		227 70	18 75	246 45	300 00		300 00	*53 55
Principal .....	774 17	911 43	65 00	1,750 60	1,550 00	150 00	1,700 00	50 60
Towel deposits .....	291 75	585 00		876 75	25 00		25 00	851 75
Wilson Lecture- ship .....	100 00			100 00				100 00

## SCHEDULE 301—Concluded.

	Balance July 1, 1914.	Receipts to Nov. 30, 1914.	Re- ceipts Decem- ber.	Total receipts.	Dis- burse- ments to Nov. 30, 1914.	Dis- burse- ments Decem- ber.	Total disburse- ments.	Balance Dec. 31, 1914.
Woman's League Loan Fund—								
Interest.....		\$ 6 61		\$ 6 61				\$6 61
Principal.....	\$91 40	40 00		131 40	\$90 00	\$40 00	\$130 00	1 40
Total.....	\$3,451 31	\$22,182 27	\$904 43	\$26,538 01	\$9,539 90	\$13,341 15	\$22,881 05	\$3,656 96

\* Overdraft.

## SCHEDULE 4.

## RECONCILIATION WITH UNIVERSITY TREASURER AS AT DEC. 31, 1914.

General Fund—	
Treasurer's balance .....	\$193,484 76
Add: Deposit not credited .....	130 00
	<u>\$193,614 76</u>
Deduct: Transfer to trusts fund .....	16 20
Treasurer's corrected balance .....	\$193,589 56
Add: Receipts in hands of Assistant Comptroller .....	55 34
	<u>\$193,653 90</u>
Deduct: Warrants outstanding—	
Issued before July 1, 1912 .....	\$ 319 64
Issued 1912-1913 .....	21 73
Issued 1913-1914 .....	47 65
Issued 1914-1915 .....	7,997 08
	<u>8,386 10</u>
Business office balance .....	<u>\$185,267 80</u>
United States Agricultural Experiment Station Fund—	
Treasurer's balance .....	\$3,352 01
Add: Transfer from trusts fund .....	30 38
Treasurer's corrected balance .....	<u>\$3,382 39</u>
Deduct: Warrants outstanding .....	396 66
Business office balance .....	<u>\$2,985 73</u>
College of Medicine Fund—	
Treasurer's balance .....	\$133 75
Deduct: Warrants outstanding .....	133 75
Business office balance .....	<u>\$000 00</u>
Trusts fund—	
Treasurer's balance .....	\$3,982 94
Add: Transfer from general fund .....	16 20
	<u>\$3,999 14</u>
Deduct: Transfer to Agricultural Experiment Station Fund....	30 38
Treasurer's corrected balance .....	<u>\$3,968 76</u>
Add: Receipts in hands of Assistant Comptroller .....	3 20
	<u>\$3,971 96</u>
Deduct: Warrants outstanding .....	315 00
Business office balance .....	<u>\$3,656 96</u>

## SCHEDULE 5.

## RECONCILIATION WITH STATE AUDITOR AS AT DEC. 31, 1914.

Operation, maintenance and equipment—	
State Auditor's balance .....	\$708,183 80
Add: Incorrect charges to this fund—	
Vouchers C 358-566.....	\$1,427 75
Vouchers M 94-99.....	136 39
	<u>1,564 14</u>
State Auditor's corrected balance.....	<u>\$709,747 94</u>
Deduct: Unpaid vouchers .....	5,240 29
Business office balance.....	<u>\$704,507 65</u>

## SCHEDULE 5—Concluded.

Buildings, land and equipment—	
State Auditor's balance.....	\$348,911 98
Deduct: Vouchers charged to operation, maintenance and equipment .....	1,427 75
State Auditor's corrected balance.....	\$347,484 23
Deduct: Unpaid vouchers .....	1,169 54
Business office balance.....	\$346,314 69
Water survey—	
State Auditor's balance.....	\$11,368 44
Add: Overpayment on vouchers, W 168-172.....	10
State Auditor's corrected balance.....	\$11,368 54
Deduct: Unpaid vouchers .....	192 00
Business office balance.....	\$11,176 54
Miners' and Mechanics' Institutes—	
State Auditor's balance.....	\$11,602 19
Deduct: Vouchers charged to operation, maintenance and equipment .....	136 39
State Auditor's corrected balance.....	\$11,465 80
Deduct: Unpaid vouchers .....	144 46
Business office balance.....	\$11,321 34

## APPOINTMENTS MADE BY THE PRESIDENT OF THE UNIVERSITY.

The Secretary presented also for record the following list of appointments made by President James to fill vacancies:

Armstrong, Walter C., Assistant in Military Science for the current academic year, at a salary of one hundred dollars (\$100) for the year, to be paid in five monthly installments beginning February 1, 1915. (January 14, 1915.)\*

Baechtold, Elsie, Cataloger in the University Library, on full time, for the period beginning January 11, 1915, and ending June 30, 1915, at a salary of sixty-five dollars (\$65) a month; this appointment superseding her former appointment on part time. (January 5, 1915.)

Barden, Harold E., Assistant in Military Science for the current academic year, at a salary of one hundred dollars (\$100) for the year, to be paid in five monthly installments beginning February 1, 1915. (January 14, 1915.)

Casner, Sidney, Instructor in Physical Training for Men, for six months beginning December 1, 1914, at a salary of forty dollars (\$40) a month. (December 15, 1914.)

De Turk, Jeremiah A., Instructor in Machine Shop Practice, at a salary of one hundred twenty dollars (\$120) a month, beginning January 1, 1915, or as soon thereafter as he may report for duty, and continuing until June 30, 1915. (December 22, 1914.)

Elles, Edward C., Assistant in Military Science for the current academic year, at a salary of one hundred dollars (\$100) for the year, to be paid in five monthly installments beginning February 1, 1915. (January 14, 1915.)

Greene, Joseph N., Assistant in Military Science for the current academic year, at a salary of one hundred dollars (\$100) for the year, to be paid in five monthly installments beginning February 1, 1915. (January 14, 1915.)

Grunewald, Augustus H., Jr., Assistant in Military Science for the current academic year, at a salary of one hundred dollars (\$100) for the year, to be paid in five monthly installments beginning February 1, 1915. (January 14, 1915.)

Hood, Clifford F., Assistant in Military Science for the current academic year, at a salary of one hundred dollars (\$100) for the year, to be paid in five monthly installments beginning February 1, 1915. (January 14, 1915.)

Hostetler, Joseph C., Assistant in Military Science for the current academic year, at a salary of one hundred dollars (\$100) for the year, to be paid in five monthly installments beginning February 1, 1915. (January 14, 1915.)

Knapp, Lloyd D., Assistant in Military Science for the current academic year, at a salary of one hundred dollars (\$100) for the year, to be paid in five monthly installments beginning February 1, 1915. (January 14, 1915.)

Niver, Roe, Assistant in Military Science for the current academic year, at a salary of one hundred dollars (\$100) for the year, to be paid in five monthly installments beginning February 1, 1915. (January 14, 1915.)

Penrose, Alma M., General Assistant in the Seminar Libraries in Lincoln Hall, for the period beginning January 11, 1915, and ending June 30, 1915, at a salary of sixty-five dollars (\$65) a month. (January 5, 1915.)

Pool, E. H., Assistant in Military Science for the current academic year, at a salary of one hundred dollars (\$100) for the year, to be paid in five monthly installments beginning February 1, 1915. (January 14, 1915.)

Shaw, Hazel Y., Assistant in the Economics and Sociology Seminar Library, at a salary of seventy-five dollars (\$75) a month, beginning December 1, 1914, and continuing until further notice, subject to the rules of the Civil Service Com-

\* The date in parenthesis is the date on which the appointment was made by the President of the University.

mission; this appointment superseding her previous appointment as Cataloger in the Library. (December 16, 1914.)

### MATTERS PRESENTED BY PRESIDENT JAMES.

The board proceeded to the consideration of the following matters presented by President James:

#### MARGARET LANGE JAMES LOAN FUND.

(1) The following statement:

At the last meeting of the Board of Trustees I presented a letter, addressed to the Board of Trustees, offering to give the sum of \$5,000 to the University of Illinois to serve as a nucleus for a students' loan fund to be known as the Margaret Lange James Student Loan Fund (see page 165).

I have prepared a proposed deed of gift, which I have submitted to the Counsel of the University, with a request for his opinion as to the power of the board to accept such a gift on the conditions indicated. I herewith submit the proposed deed of gift and the opinion of Judge Harker:

[Judge Harker's Opinion.]

January 22, 1915.

President Edmund J. James, University of Illinois.

DEAR SIR: Complying with your request for legal advice as to whether the Board of Trustees of the University has power to enter into a contract in accordance with a proposed deed of gift for the establishment of a students' loan fund in the University as outlined by the document submitted to me, I am pleased to report that I can see no legal objection to the Board of Trustees so contracting. In the limited time allowed me, I am unable to make an exhaustive search as to whether the questions involved, or those kindred to them have been passed upon by courts of last resort in any of the states. I very seriously doubt my ability to find a kindred case for the reason that the provisions imposed in the organic law of the University are not paralleled by a similar act in any of the states.

It will be observed that the Board of Trustees, under the organic act of 1867, is given very large powers when undertaking to perform the main functions contemplated by the act. There is nothing in subsequent legislation curtailing its powers. In deciding upon the validity of a proposed act or agreement, we must look to the general purpose and intention of the Legislature in establishing the University. The board is justified in doing any act and in entering into any contract not expressly prohibited which may carry out the legislative intent. The State, recognizing that the welfare, prosperity, and happiness of its future citizens will be in large measure secured through their established university, placed its development and control in a Board of Trustees empowered to enter into all contracts by which the purpose can be accomplished. The doors are thrown open to all of the youth of the State to the end that they may receive instruction in higher education, and thereby become better and more useful citizens. The more of the youth of the State that can receive such instruction, the greater the interest to the State, and more completely will be fulfilled the purpose of the Legislature in establishing it. In that view it is unfortunate that worthy young men and young women expecting to become permanent residents of the State should be denied the privilege of the University because of poverty. That was the controlling idea in the establishment of the free school system in Illinois. There is a certain harmony between our free school system and the University in that respect that has been observed by all of us. What possible legal objection, therefore, can there be to the board accepting a gift of this character and undertaking to carry out the terms imposed? I confess I can see none.

I call attention to the contract by which the Snyder Loan Fund was created. This proposed gift is along the same lines and embodies all of its essential features. I see that the committee to which was referred the proposition of Prof. Snyder in 1899 was composed of three men educated to the law, Dr. Draper, Capt. Smith, and the Hon. Alfred Bayliss. The committee had the matter under consideration for three months, and I am told consulted with and were influenced by the late George Gere, as to the legal aspects of the matter. Mr. Gere was recognized as one of the ablest and most cautious lawyers in the State of Illinois.

Sincerely yours,

O. A. HARKER.

#### [Proposed Deed of Gift.]

THIS INDENTURE made and entered into this ..... day of ....., 1915, by and between Edmund J. James of the city of Urbana in the State of Illinois, party of the first part, and the Board of Trustees of the University of Illinois of the State of Illinois, party of the second part.

WITNESSETH: That the said first party, in consideration of the covenants and agreements hereinafter contained, and of the sum of one dollar (\$1) to him paid, doth covenant and promise that he will convey, give, and deliver to the Treasurer of the second party, for the custody and control of the second party, the sum of five thousand dollars (\$5,000) in cash, to be used by second party in the establishment of a students' loan fund in said University, to be forever known as the Margaret Lange James Student Loan Fund; the purpose of which shall be to aid in the maintenance and education of deserving and meritorious students of said University, preferably women, who have completed two full years of work in the University of Illinois and who by their character, intellectual capacity, and physical vigor give distinct promise of rendering valuable service to their day and generation. The said first party reserving to his daughter, Helen Dickson James, during the term of her natural life, the payment from the second party of an annual interest of 5 per cent per annum upon said sum of five thousand dollars (\$5,000), payable semi-annually.



And the said second party, in pursuance of its resolution taken and entered of record at its meeting, January 22, 1915, and by authority of law, hereby covenants and agrees to and with the first party to receive, by its Treasurer, from him, the said first party, the said sum of five thousand dollars (\$5,000), in manner and form above named; and it further agrees that it will establish within said University a loan fund, to be known as the Margaret Lange James Student Loan Fund, the purpose of which fund shall be to aid deserving students, members of said University. And that said sum of money shall be attached to said loan fund and remain a perpetual fund not to be diverted nor diminished, but shall be loaned from time to time in suitable sums to deserving students who are in good standing, as members of said University, preferably women, and who have completed two full years of work in the University, and who by their character, intellectual capacity and physical vigor give distinct promise of rendering valuable service to their day and generation. The loans shall be made in such amounts, by the second party, upon such reasonable and uniform terms as may hereafter be fixed by said party, for the government thereof. But such loans shall only be made as aids to such students in completing their education at said University, upon the recommendation of the Council of Administration of said University, or other similar body representing the faculty, provided:

That should any considerable sum of said funds at any time be not in demand for such purpose, and if the number of persons of the above description, applying for such loans shall not be sufficient to employ the said fund, such fund, or portions of it, may be otherwise invested, or applied to other educational purposes; but in no case shall such use stand in the way of giving the aid above provided for when proper candidates apply therefor, and in all cases the interest derived from said fund under such conditions shall be added to the principal or used for the general purposes of this fund. Provided, further:

That if at any time conditions in the University should so change that, in the opinion of the faculty and the Board of Trustees of said institution, the interests of the University and its students would not be promoted by such application of said fund, the said fund may be used for other educational purposes for the benefit of the University of Illinois and its students, upon the recommendation of the faculty, the approval of the Board of Trustees of the University of Illinois, and the endorsement of the Governor of the State of Illinois.

Said second party further covenants and agrees to and with the first party that it will pay to his daughter Helen Dickson James during her natural life interest upon said sum of five thousand dollars at the rate of 5 per cent per annum, to be paid semi-annually on the first days of March and September of each year at the office of its Treasurer; but at the death of said Helen Dickson James such payments shall cease and all obligations of said second party herein assumed, except the administration of the trust above named, shall be at an end.

IN WITNESS WHEREOF, The said Edmund J. James has hereunto set his hand and seal, and the said University of Illinois, by its President of the Board of Trustees, has affixed its name, and by its Secretary has affixed the seal, on the day above written.

I should like to call attention to one provision of this gift. In studying the history of endowments, I have noticed that many endowments become futile because of fundamental changes in conditions of life in the community from one generation to another. It is quite conceivable, if the dream of our socialist friends is ever realized, that the State of Illinois will some time in the future pay all the expenses of students who wish to carry on their studies at the University of Illinois, and when these great state universities will become great civil academies, supported by the people in the same way, and for the same general reason as the great military and naval academies. In such a case a fund of this sort would become largely useless. And there are other contingencies which might bring about the same result. I have, therefore, provided that if at any time conditions in the University of Illinois should so change, that in the opinion of the faculty and the Board of Trustees of said institution, the interests of the University and its students would not be promoted by such application of this fund, the said fund may be used for other educational purposes for the benefit of the University of Illinois and its students; asking only that before such diversion of the fund be made, a recommendation to that effect shall be made by the faculty, receive the approval of the Board of Trustees of the University of Illinois and the endorsement of the Governor of the State. This will leave the board, in all the years to come, perfectly free to handle this fund for some other purpose, if at any time the objects which the fund is intended to promote have been secured by other means.

After this matter had been discussed at some length, President Abbott requested Mr. Hoyt to take the chair, and, after speaking in favor of accepting this gift, moved that the gift be accepted with thanks. Mrs. Evans seconded the motion. The vote was as follows: Ayes, Mr. Abbott, Mrs. Evans, Mrs. Henrotin, Mr. Hoyt, Mr. Hopkins, Miss Watson; noes, Mr. Trevett; not voting, Mrs. Busey; absent, Mr. Blair, Mr. Dunne, Mr. Meeker, Mr. Moore.

At this point, Mrs. Busey left the meeting.

#### VOTE OF SYMPATHY FOR PROF. SHATTUCK.

The serious illness of Prof. S. W. Shattuck, for many years Comptroller of the University, having been reported to the board, President James was requested, on motion of Mr. Abbott, to extend to Prof. Shattuck the friendly greetings of the board and to express its wish for his speedy recovery.

**EXTENSION OF LEAVE FOR DEAN GOSS.**

President James continued the presentation of matters for the consideration of the board:

(2) Dean W. F. M. Goss, who was given leave of absence, without salary, from his position as Dean of the College of Engineering a year ago last June, and who expected confidently to return at the beginning of the next semester, finds it impossible to complete, by that time, the work which he undertook with the Chicago Committee on the Electrification of Railway Terminals. He hereby presents his resignation as Dean of the College of Engineering, expressing, however, a willingness to return on the same terms as before, if the Trustees desire him to do so, at the beginning of the coming academic year. I recommend that a further extension of the leave of absence, without salary, be made to Dean Goss until August 31, 1915.

On motion of Mr. Trevett, the leave of absence of Dean Goss was extended, without salary, until August 31, 1915.

**EXTENSION OF LEAVE FOR PROF. FAIRLIE.**

(3) Prof. Fairlie has been on leave of absence, without pay, for some months, assisting the Legislative Commission on Economy and Efficiency at Springfield. It looks now very much as if they would desire his services for the rest of the year, and I recommend that the President of the University be given authority to grant Prof. Fairlie leave of absence, without pay, until August 31, 1915.

On motion of Mr. Trevett, this recommendation was approved.

**RESIGNATION OF MR. O. E. STAPLES, BURSAR.**

(4) The resignation of Mr. O. E. Staples, Bursar:

SOUTH BEND, IND., December 18, 1914.

*President E. J. James, University of Illinois.*

DEAR SIR: On account of ill health I resign my position at the University of Illinois.

O. E. STAPLES.

A letter has been received by me, addressed to the Board of Trustees, from the Champaign Chamber of Commerce, containing certain resolutions, recommending that the Board of Trustees of the University of Illinois give Mr. Staples leave of absence for a year.

On motion of Mr. Trevett, seconded by Mr. Hopkins, the recommendation of the Champaign Chamber of Commerce was received to be filed, and the resignation of Mr. Staples was accepted, as of December 1, 1914.

**PLYM FELLOWSHIP EXTENDED.**

(5) Since the last meeting of the board, Mr. Francis J. Plym has sent a check for \$1,000 to the Treasurer of the University to provide for the Francis J. Plym Fellowship in Architecture for the academic year 1915-16. This makes in all \$6,000 which Mr. Plym has contributed to the maintenance of this Fellowship.

I recommend that the thanks of the board be extended to Mr. Plym for his liberality in the matter of the Plym Fellowship.

On motion, this recommendation was approved.

**RESIGNATION OF THE COMPTROLLER.**

(6) The resignation of Mr. George E. Frazer, Professor of Public Accounting and Comptroller:

URBANA, ILL., January 1, 1915.

*President Edmund J. James, University of Illinois.*

DEAR SIR: For personal reasons, I tender you herewith my resignation as Professor of Public Accounting and Comptroller, my resignation to take effect at the pleasure of the Board of Trustees. I am, of course, willing to carry on the work until other provision can be made for the work.

Very truly yours,

GEORGE E. FRAZER.

Mr. Frazer has become engaged to my daughter, Helen Dickson James. He shares my view that such a personal relation between the Comptroller of the University and the President of the University is not desirable, and is therefore presenting his resignation.

I desire to say that I selected Mr. Frazer to nominate to the board for the difficult position which he holds from a list of some twenty-five men who had been highly recommended to me by different people in various sections of the country. Mr. Frazer has done excellent work and is an extremely promising man in his field, but I think his resignation should be accepted.

No action was taken on this matter.

The board adjourned, at 6.35 p. m.

W. L. ABBOTT, *President.*

H. E. CUNNINGHAM, *Secretary.*

## MEETING OF JANUARY 30, 1915.

A special meeting of the Board of Trustees of the University of Illinois was held at Hotel LaSalle, in the city of Chicago, at 10.00 a. m., on Saturday, January 30, 1915, pursuant to the following notice which was sent out by the Secretary on January 25, 1915:

Upon the call of the President, Mr. W. L. Abbott, there will be a special meeting of the Board of Trustees of the University of Illinois at Hotel LaSalle, in Chicago, on Saturday, January 30, 1915, at 10.00 a. m., to consider such matters as the committees of the board and the President of the University may submit, and such other matters as may be duly presented.

When the board convened, the following members were present: President Abbott, Superintendent Blair, Mrs. Busey, Mrs. Evans, Mrs. Henrotin, Mr. Hoit, Miss Watson.

During a part of the day, Prof. J. M. White, Supervising Architect, Dean W. B. Day, of the School of Pharmacy, and Dean F. B. Moorehead, of the College of Dentistry, were present.

President James was present.

### APPROVAL OF MINUTES.

The Secretary presented the minutes of the meeting of January 22, 1915. On motion of Mrs. Henrotin, the minutes were approved as printed above on pages 168 to 187, inclusive.

### MATTERS PRESENTED BY THE PRESIDENT OF THE UNIVERSITY.

The board proceeded to the consideration of the following matters presented by President James:

#### APPOINTMENT OF PROF. GEORGE N. COFFEY.

(1) A recommendation from the Dean of the College of Agriculture that Dr. George N. Coffey, of Wooster, Ohio, be appointed Assistant State Leader in the Lever Fund work for one year, at a salary of \$2,800 a year, salary and work to begin when he reports for duty.

On the recommendation of President James and on motion of Mrs. Evans, the appointment of Dr. G. N. Coffey was made as recommended. The vote was as follows: Ayes, Mr. Abbott, Mr. Blair, Mrs. Busey, Mrs. Evans, Mrs. Henrotin, Mr. Hoit, Miss Watson; noes, none; absent, Mr. Dunne, Mr. Hopkins, Mr. Meeker, Mr. Moore, Mr. Trevett.

#### ADJUSTMENT OF WORK IN THE COMPTROLLER'S OFFICE.

(2) A letter from the Comptroller concerning the adjustment which he was compelled to make in his office on account of the retirement of Mr. O. E. Staples on December 1, 1914:

*December 21, 1914.*

*President Edmund J. James, University of Illinois.*

DEAR SIR: Mr. O. E. Staples, Bursar, has resigned his position as of December 1, 1914. As Bursar, Mr. Staples was bonded in the sum of twenty thousand dollars, and had charge of the collection and auditing of the cash receipts of the University; the receipts into and disbursements from petty cash funds; and the financial transactions with respect to University trust funds.

Routine matters and bookkeeping in connection with the work formerly handled by Mr. Staples has been assigned, as from December 1, to Mr. M. E. Thompson, Clerk. The responsibility for the supervision of the work and for the handling of the cash involved has been assigned to Mr. L. E. Knorr, Assistant Comptroller. A bond in the amount of twenty thousand dollars for one year from December 1, 1914, in favor of the Board of Trustees of the University of Illinois, has been signed by Mr. Knorr, as principal, and by the Aetna Accident and Liability Company of Hartford, Conn., as surety. The premium on this bond, amounting to fifty dollars, has been paid by the University.

In all of these particulars, I have acted under the general authority delegated to me by the Board of Trustees and the President. The bond secured covering the transactions of Mr. Knorr has been filed with the Secretary of the board, and should doubtless be reported to the Finance Committee of the board. I submit this to you without a recommendation. Your attention is called to the fact that

the bonding of the cash officer of the business office is customarily considered at the annual meeting of the Board of Trustees.

Very truly yours,

GEO. E. FRAZER.

On the recommendation of President James and on motion of Mr. Hoit, the action of the Comptroller and the payment of the premium of fifty dollars on Mr. Knorr's bond was approved, by the following vote: Ayes, Mr. Abbott, Mr. Blair, Mrs. Busey, Mrs. Evans, Mrs. Henrotin, Mr. Hoit, Miss Watson; noes, none; absent, Mr. Dunne, Mr. Hopkins, Mr. Meeker, Mr. Moore, Mr. Trevett.

#### CONTINUATION OF SALARY TO PROF. PETTIT'S WIDOW.

(3) The following statement:

Since the quarterly meeting of the board, Prof. James H. Pettit, who was on leave of absence for the present year on half pay, has died, and the Dean of the College of Agriculture has sent in a recommendation that his half-pay salary be continued to his widow until the close of the present academic year, August 31, 1915.

On the recommendation of President James and on motion of Superintendent Blair, the Comptroller was authorized to continue the payment of Prof. Pettit's half-pay salary to his widow until the end of the present academic year. The vote was as follows: Ayes, Mr. Abbott, Mr. Blair, Mrs. Busey, Mrs. Evans, Mrs. Henrotin, Mr. Hoit, Miss Watson; noes, none; absent, Mr. Dunne, Mr. Hopkins, Mr. Meeker, Mr. Moore, Mr. Trevett.

#### SETTLEMENT OF SUIT OF GEORGE DOUGLAS.

(4) A letter from the Counsel of the University in the matter of the suit of George Douglas versus the Board of Trustees of the University of Illinois (see page 160), and a letter from the Comptroller enclosing a copy of a receipt signed by Mr. George Douglas, under date of January 21, 1915:

January 22, 1915.

*In re: George Douglas v. Board of Trustees of the University of Illinois.*

*President Edmund J. James, University of Illinois.*

DEAR SIR: On the twenty-first of this month, in accordance with agreement before then made between the counsel for the plaintiff and the counsel for the defendant, and with advice to you, the above entitled cause was dismissed at the cost of the plaintiff and I delivered him a warrant for \$200, and took back in return a receipt of all claim set up by him by reason of an alleged contract with Prof. Blair for the renting of forty acres of land subsequently purchased from him by the Board of Trustees.

I beg leave to inform you also that at the same time a certain suit commenced by Douglas against Prof. Blair to recover on the alleged contract with him was dismissed at the cost of the plaintiff. It is now a closed incident.

Sincerely yours,

O. A. HARKER, *Legal Counsel.*

[Mr. Frazer's Letter.]

January 26, 1915.

*President Edmund J. James, University of Illinois.*

DEAR SIR: For your information and files, I hand you herewith copy of a receipt signed by Mr. George Douglas under date of January 21, 1915. The receipt has been filed by me with the Secretary of the Board of Trustees.

Very truly yours,

GEO. E. FRAZER.

[Receipt.]

State of Illinois, }  
Champaign County, } ss.  
George Douglas }  
v. } No. 10526.  
University of Illinois. }

In Circuit Court.  
To January Term, A. D. 1915.

I hereby acknowledge receipt, this day, of two hundred dollars (\$200), paid me in voucher delivered by Hon. O. A. Harker, attorney for the defendant in the above entitled cause, which said sum is hereby accepted in full settlement of the cause of action stated in the declaration in said cause, and especially in release of all claims under an alleged lease of the real estate sold by me to the University of Illinois during the year 1913, entered into between me and Prof. J. C. Blair, for all rentals due under said lease.

The above sum is accepted as a settlement of the balance due under said alleged lease, having heretofore received fifty-five dollars (\$55) in grain, and having, for the purpose of a compromise settlement, accepted the said balance of two hundred dollars (\$200) in release of my claims for rental.

Dated this 21st day of January, A. D. 1915.

GEORGE DOUGLAS.

On the recommendation of President James and on motion of Superintendent Blair, the report of the Legal Counsel was received for record and the payment of two hundred dollars in settlement of the case was approved, by the following vote: Ayes, Mr. Abbott, Mr. Blair, Mrs. Busey, Mrs. Evans, Mrs. Henrotin, Mr. Hoit, Miss Watson; noes, none; absent Mr. Dunne, Mr. Hopkins, Mr. Meeker, Mr. Moore, Mr. Trevett.

## MEDICAL MISSIONARY SCHOLARSHIPS.

(5) The following statement:

The Trustees, when they took over the property of the College of Physicians and Surgeons, accepted certain obligations in the matter of scholarships with the Woman's Board of Missions of the Interior. Under this agreement the University was bound to furnish certain free scholarships in the College of Medicine, and in case they were not used in any given year, to continue them for succeeding years. We have had some difficulty in making a satisfactory arrangement with the Woman's Board of Missions, but we finally made an agreement which wipes out all obligations on the part of the College of Physicians and Surgeons and on the part of the University. Under this arrangement the University will grant one two-year scholarship in the College of Medicine, or two one-year scholarships, and with that grant all obligations toward the Woman's Board of Missions (Congregational) will have been fulfilled.

On motion of Mrs. Henrotin, the arrangement in settlement of the medical missionary scholarships was approved.

## SALE OF PHARMACY LOT REPORTED.

(6) A letter from the President of the board concerning the sale of the acre property in the city of Chicago between Forty-seventh and Forty-eighth Streets and Rockwell Street and California Avenue, which came to the University when the School of Pharmacy was taken over, and which the board, on September 8, 1914 (page 116) voted to sell at a price not less than three thousand dollars. According to this letter from the President of the board, the pharmacy property has been sold for \$3,500 net and checks for that amount from Mr. R. J. Schlesinger were forwarded to the Treasurer through the Comptroller on January 12, 1915.\*

It is understood that this fund belongs in a certain sense to the School of Pharmacy and may be employed in the purchase of other property to be used for the School of Pharmacy.

I am informed that the University still owns the following lots acquired through the School of Pharmacy: Lots four and five, in block five, of McBride, Spencer, and Underwood Sub-Division, east of Archer Avenue, in the east one-half of the northwest quarter of section 1, township 38 north, range 13 east of the Third Principal Meridian.

This report was received for record.

## REQUIREMENTS FOR ADMISSION.

(7) Certain recommendations of the University Senate.

(a) Requirements for admission to the undergraduate colleges:

December 8, 1914.

*Dr. Edmund J. James, President.*

DEAR MR. PRESIDENT: The University Senate at its meeting of December 7, 1914, adopted the following recommendations to the Board of Trustees, proposing certain minor modifications of our scheme of entrance requirements:

## CERTAIN MODERN LANGUAGES ACCEPTED.

1. That 1 or 2 units (36 or 72 weeks) in Polish, Swedish, Norwegian, and Italian be added to List B of our present entrance requirements, with the proviso that credit in these subjects will not be accepted in satisfaction of the minimum foreign language requirements of the College of Liberal Arts and Sciences or the School of Music.

## DRAWING.

2. That drawing (art and design). 18 weeks or 36 weeks,  $\frac{1}{2}$  unit or 1 unit. and mechanical drawing, 18 weeks or 36 weeks,  $\frac{1}{2}$  unit or 1 unit, be substituted in List C of our entrance requirements for the present specification of drawing, 18 weeks or 36 weeks,  $\frac{1}{2}$  unit or 1 unit.

Sincerely yours,

C. M. McCONN, *Clerk of the Senate.*

On the recommendation of President James and on motion of Superintendent Blair, the above recommendations were concurred in.

\* The President and Secretary of the board, on January 7, 1915, signed and delivered the following deed, accompanied by a duly certified copy of the action of the board authorizing the sale of this property:

## [COPY OF DEED]

THIS INDENTURE WITNESSETH, That the grantor, the Board of Trustees of the University of Illinois, of the State of Illinois, for and in consideration of the sum of thirty-five hundred (\$3500) dollars, in hand paid, conveys and quit-claims to Rudolph J. Schlesinger and Emily Schlesinger, his wife, of the city of Chicago, county of Cook, and State of Illinois, not as tenants in common but as joint tenants, all interest in the following described real estate, to-wit:

The west half of the east half on the northwest quarter of the northeast quarter of section twelve (12) township thirty-eight (38), north, range thirteen (13) east of the Third Principal Meridian, situated in the city of Chicago, county of Cook, and State of Illinois.

IN TESTIMONY WHEREOF, We have signed these presents as the President and Secretary of the Board of Trustees of the University of Illinois, and have affixed the corporate seal hereto.

Dated this seventh day of January, A. D. 1915.

THE BOARD OF TRUSTEES OF THE UNIVERSITY OF ILLINOIS.

By W. L. ABBOTT, *President.*

By H. E. CUNNINGHAM, *Secretary.*

[SEAL.]

## ADMISSION TO THE GRADUATE SCHOOL.

(b) Requirements for admission to the Graduate School:

*December 10, 1914.**Dr. Edmund J. James, President.*

DEAR MR. PRESIDENT: The University Senate, at its meeting of December 7, 1914, voted to recommend to the Board of Trustees the adoption of the following regulations in regard to admission to the Graduate School:

1. Admission to the Graduate School may be granted to graduates of institutions whose requirements for the bachelor's degree are substantially equivalent to those of the University of Illinois, and to applicants from other institutions approved by the Executive Faculty as hereinafter provided. *Admission to the Graduate School does not, however, imply admission to candidacy for an advanced degree.*

2. A graduate of an institution meeting the requirements prescribed below in paragraph 3, may be admitted to the Graduate School, provided he satisfies the Dean and the departments concerned that he will be able to proceed to the master's degree in a period not exceeding two years.

3. (a) The college shall require four years' work of collegiate grade for graduation, based upon an entrance requirement of at least fourteen standard high school units.

(b) If conditioned students are admitted, they shall not be allowed to proceed beyond the sophomore year, without removing their conditions.

(c) The college shall maintain at least six departments in liberal arts and sciences, each having at least one Professor giving his entire time to the college work of his department.

(d) The minimum educational attainment of college Professors shall be equivalent to graduation from a college of high grade and graduate work equivalent at least to that required for a master's degree from the University of Illinois.

(e) The college shall have a productive endowment sufficient to yield a net annual income of at least \$10,000 available for instructional purposes in the college. If the institution offers courses in addition to the usual liberal arts course, it shall have a correspondingly larger annual income.

(f) The college shall have library and laboratory equipment sufficient to meet fully the needs of the courses announced.

(g) In addition to the foregoing specific requirements, so far as possible the general standing of the college shall be considered, including: the character of its curriculum, the efficiency of its instruction, the number of hours of instruction required of the members of its faculty, the size of the classes, the general standards for graduation, its conservatism in granting degrees based upon work done *in absentia*, the success of its graduates in the Graduate School of this University and elsewhere, etc.

4. Unless otherwise specially permitted, a student enrolled in the Graduate School must take each semester at least one course accepted by the Executive Faculty for credit in his major subject.

5. A student of mature age who satisfies the Dean and the department concerned of his ability to pursue graduate work in a given line may be enrolled in particular graduate courses, and permitted to carry on such study or investigation under the direction of a department of the University as the department shall recommend and the Executive Faculty approve.

Very respectfully yours,

C. M. McCONN, *Clerk of the Senate.*

On the recommendation of President James and on motion of Mrs. Busey, the above requirements were adopted as recommended by the University Senate.

## REGULATIONS FOR THE ADMINISTRATION OF THE MARGARET LANGE JAMES STUDENT LOAN FUND.

(3) At the last meeting of the board the proposal of the President of the University to give to the Trustees the sum of \$5,000 as a nucleus for a student loan fund, to be known as the Margaret Lange James Loan Fund, was accepted. The form of contract was submitted at the time, with an opinion of the University Counsel, Judge O. A. Harker, that it was in satisfactory form. It was printed in the minutes of the last meeting of the board (page 185) and is now before the members of the board for final action.

I recommend:

*First*—That this document be received and approved by the Board of Trustees, and that, upon receipt of the sum of \$5,000 by the Comptroller of the University, the President and the Secretary of the board be authorized to sign in duplicate the said contract, on the part of the Board of Trustees of the University of Illinois, and that one copy be given to the President of the University, and the other be filed with the Secretary of the board and duly recorded.

*Second*—That this fund be hereby constituted and the Comptroller and Treasurer of the University be authorized and instructed to keep a separate account with such fund in their books.

*Third*—That the Council of Administration shall be authorized to receive applications for loans to deserving students from this fund as soon as it shall have been paid in.

*Fourth*—That the Council of Administration shall be requested to formulate plans for the management of the fund, and to suggest the conditions upon which the fund shall be loaned, so far as security therefor is concerned or otherwise, and to make recommendations to the board upon this subject.

*Fifth*—That if said fund shall accumulate in the Treasury to any extent, the Finance Committee shall report to the board what, in its judgment, shall be done in the premises.

I have indicated in the deed of gift my willingness to have the Board of Trustees use this fund for some other purpose than that for which it is given whenever in the opinion of the University Faculty, approved by the board, and endorsed by the Governor, it shall appear that the purpose for which it was given is being fully met by other means.

I should like to have it understood, however, that when the fund is converted to some other use it shall be a use as nearly similar to that for which it has been given as may be wise.

On motion of Mrs. Evans, the above recommendations in regard to the Margaret Lange James Student Loan Fund were approved and adopted.

#### **ADDITIONAL GIFT FOR MARGARET LANGE JAMES LOAN FUND.**

(9) Announcement of a gift of \$500 from Homer Allison Stillwell, Vice President of Butler Brothers Company of Chicago, as a contribution to the Margaret Lange James Loan Fund. Mr. Stillwell was a student in the College of Literature and Science of the University of Illinois from 1878 to 1880.

On the recommendation of President James and on motion of Superintendent Blair, this gift was accepted and credited to this loan fund, and the President of the University was requested to convey the thanks of the board to Mr. Stillwell.

#### **MEDICAL EXAMINER FOR CIVIL SERVICE EMPLOYEES.**

(10) A recommendation from Mr. C. M. McConn, Registrar, who has been in charge of our intercourse with the State Civil Service Commission, that Dr. J. H. Beard, Instructor in Physiology in the University, be appointed medical examiner for classified employees to conduct the physical examinations involved in the local examination of laborers and domestics, under the arrangement with the Civil Service Commission, beginning February 1, 1915, and continuing until further notice, and that he be given a compensation at the rate of \$25 a month for this service.

On the recommendation of President James and on motion of Mrs. Evans, the recommendation of the Registrar was concurred in. The vote was as follows: Ayes, Mr. Abbott, Mr. Blair, Mrs. Busey, Mrs. Evans, Mrs. Henrotin, Mr. Hoyt, Miss Watson; noes, none; absent, Mr. Dunne, Mr. Hopkins, Mr. Meeker, Mr. Moore, Mr. Trevett.

#### **COMMENCEMENT EXERCISES, COLLEGES OF MEDICINE AND DENTISTRY, TO BE HELD AT URBANA.**

(11) A request for an expression of the opinion of the board on the question as to whether it would not be well to hold the commencement exercises for the Colleges of Medicine and Dentistry at Urbana in connection with the commencement of the Urbana departments.

On motion of Superintendent Blair, the President of the University was authorized to hold the commencement exercises of the Colleges of Medicine and Dentistry at the same time as those of the Urbana departments and in Urbana, if suitable arrangements can be made, and, in case this is done, to give the diplomas to students in Chicago entitled to them, who for any reason cannot be present in Urbana on that date.

#### **CHANGE OF MILITARY UNIFORM AUTHORIZED.**

(12) A recommendation from Maj. F. D. Webster, Military Commandant, that a change be made in the uniform for the Corps of Cadets, in accordance with the suggestions printed in the minutes of the meeting of December 8, 1914 (page 164). It will be remembered that the discussion of this matter was deferred because of some remarks which the Governor and the Adjutant General made in regard to the undesirability of such a change.

Maj. Webster, however, has received a letter from the Adjutant General in which he states very definitely that neither he nor the Governor wishes to have any remarks which they have made construed as bearing any opposition on their part to what may be deemed by those directly in authority as the best interests of the service. The Major desires to repeat his recommendation.

On the recommendation of President James and on motion of Mrs. Busey, the change in uniform was approved and the Commandant was authorized to take the initial steps necessary to make such a change, in accordance with the plan above referred to.

#### **PROPOSAL TO PAY STUDENTS' EXPENSES AT MILITARY CAMP.**

(13) A recommendation from the Commandant that the board appropriate a sum of money to pay the expenses of selected students in the Cadet Brigade who should attend the summer instruction military camps for a period of five or six weeks. It is estimated that \$50 a person would be sufficient, and that the attendance would not exceed one hundred men.

The board discussed this matter at some length, but took no action.

# PAYMENT OF INTEREST, COLLEGE OF MEDICINE.

(14) A statement from Prof. George E. Frazer, Comptroller, dated December 24, 1914, that he is forwarding University warrants in full payment of interest due on the mortgage, bonds, and notes issued by the College of Physicians and Surgeons, due January 1, 1915:

December 24, 1914.

*President Edmund J. James, University of Illinois.*

DEAR SIR: I enclose copies of letters addressed to the Secretary of the Chicago Board of Education, to the Chicago Savings Bank and Trust Company, and to Dr. Frank B. Earle. You will note from this correspondence that I am to-day forwarding University warrants in full payment of interest due on the mortgage bonds and notes issued by the College of Physicians and Surgeons.

Very truly yours,

GEO. E. FRAZER.

[Letter to the Chicago Savings Bank and Trust Company.]

December 24, 1914.

*Chicago Savings Bank and Trust Company, State and Madison Streets, Chicago, Ill.*

GENTLEMEN: Inclosed please find University warrant No. 4287 for \$1,818 in payment of the semi-annual interest on first mortgage bond issue of College of Physicians and Surgeons, due January 1, 1915, amounting to \$1,800 and in payment of normal income tax deposits, amounting to \$18.

Also, please find inclosed University warrant No. 4288 for \$6.33 in payment of your fee as fiscal agent on coupons due January 1, 1915 ( $\frac{1}{8}\%$  of \$5,070).

Please acknowledge receipt of these payments.

Very truly yours,

GEORGE E. FRAZER, *Comptroller.*

[Letter to the Secretary of the Board of Education.]

December 24, 1914.

*Mr. Louis E. Larsen, Secretary, Board of Education, Chicago, Ill.*

DEAR SIR: Inclosed please find University warrant No. 4282 for fourteen hundred dollars in payment of semi-annual interest on mortgage notes of College of Physicians and Surgeons, due January 1, 1915 ( $2\frac{1}{2}\%$  of \$56,000).

Please acknowledge receipt of this payment.

Very truly yours,

GEORGE E. FRAZER, *Comptroller.*

[Letter to Dr. Frank B. Earle.]

December 24, 1914.

*Dr. Frank B. Earle, 929 Marshall Field Building, Chicago, Ill.*

DEAR SIR: Inclosed please find University warrant No. 4283 for \$3,302.70 in payment of semi-annual interest on second mortgage bond issue of College of Physicians and Surgeons, due January 1, 1914, (\$3,270), and in payment of normal income tax deposit (\$32.70).

Please acknowledge receipt of this payment.

Very truly yours,

GEORGE E. FRAZER, *Comptroller.*

This statement was received for record.

# FINAL SETTLEMENT OF LAST LAND CONTRACT.

(15) A statement that the Comptroller is in receipt of a draft in the amount of \$481.50, being full payment of balance due on principal and interest on the land contract between the Board of Trustees and Henry A. Lia, of Broton, Minn.

January 13, 1915.

*President Edmund J. James, University of Illinois.*

DEAR SIR: I am in receipt of a draft in the amount of \$481.50, being full payment of balance due on principal and interest on the land contract between the Board of Trustees and Henry A. Lia, of Broton, Minn. I recommend that the Board of Trustees authorize the President and the Secretary of the board to execute a warranty deed conveying to Henry A. Lia the northwest quarter of the southeast quarter of Section No. 4, in Township No. 123 north, Range No. 36 west, of the Fifth Principal Meridian, being forty acres situated in the county of Pope, and state of Minnesota.

From the payment made by Mr. Lia, the sum of \$31.50 will be credited to the general fund of the University, as interest received from land contracts; and the sum of \$450 will be transmitted to the State Auditor of Public Accounts as an addition to the endowment fund of the University of Illinois.

This transaction will close the last of the land contracts, and furnishes the last receipt to be credited to the endowment fund of the University of Illinois under existing conditions.

Very truly yours,

GEORGE E. FRAZER.

On motion of Mr. Hoit, the action of the Comptroller in assigning the funds received from this contract was approved and the President and the Secretary of the board were authorized to execute a warranty deed conveying the property described above to Mr. Henry A. Lia.

At this point, the board took a recess for luncheon.



### Afternoon Session.

When the board reconvened after luncheon, the same members were present as during the morning session.

Prof. James M. White, Supervising Architect, was in attendance and presented the following statements:

#### COAL CONTRACTS.

The following bids were received in response to the Comptroller's advertisement for bids for our supply of coal from October 15, 1914, to October 15, 1915:

#### RELATIVE VALUES OF BIDS SUBMITTED FOR UNIVERSITY COAL SUPPLY FOR 1914-1915.

Name of firm.	Delivery.	Standard ash.	Quoted price a ton.	Price corrected for ash.	B. T. U. standard.	Cost in cents.
Mueller Lumber Co.....	Wabash.....	11	\$2 05	\$1 93	11,300	9.06
Collieries Sales Co.....	Big Four....	11.6	1 78	1 68	11,500	7.31
Christian County Coal Co.....	Wabash.....	13	1 33	1 25	10,200	6.13
R. E. Gannon.....	Wabash.....	16	1 50	1 48	10,300	7.19
David Rutter & Co.....	Traction ....	17	1 25	1 25	10,000	6.25
Electric Coal Co.....	Traction ....	17	1 30	1 30	9,300	7.00
Edwards & Bradford Lumber Co.	Wabash.....	12.65	1 45	1 37	11,700	5.85

NOTE—Bid from Edwards & Bradford Lumber Co. submitted after October 20, 1915.

The Christian County Coal Company were the low bidders but their proposition was contingent upon the Illinois Traction System establishing a switching rate of ten cents a ton from the Wabash tracks to our boiler house. Negotiations with reference to this rate delayed the awarding of the contract and in the meantime coal was purchased upon the open market. It finally seemed unwise to accept any of the bids and on December 16 all bids received October 10 were rejected as shown in the following letter:

DEAR SIRs: Inasmuch as the Institution has delayed action on the coal contract such a long time, it has been decided, in fairness to bidders, that all bids should be rejected.

The University expects to purchase its coal for the ensuing year on the open market, or in small contracts placed with several people. In case you are interested in supplying any part of our needs, we will be pleased to receive proposals from you.

Yours truly,

JAMES M. WHITE, *Supervising Architect.*

By H. D. OBERDORFER.

On November a contract was entered into with the Sharon Coal Company for their entire output of screenings at \$1.10 a ton delivered at the boiler house, and on December 22 a contract was entered into with the Electric Coal Company of Danville to furnish the balance of our requirements for the year at \$1.25 a ton delivered at the boiler house, which is five cents a ton lower than their bid on our coal supply for the entire year, and which, taken in conjunction with the bid from the Sharon Coal Company, will make our coal for the year cost us less than it would have cost us on the basis of any bid received.

The entire report submitted on the coal contracts for the current year was referred to the Committee on Buildings and Grounds for consideration and report.

#### BUILDING PLANS AND POLICY.

The Supervising Architect called attention to the need for additional land; reported upon the progress of the Chemistry and Administration Buildings; gave the status of the plans for the Education Building, Women's Residence Hall, and Ceramics Building.

In connection with the Education Building, the advisability of using the Gothic design as submitted by the State Architect was discussed at some length; and in connection with the Women's Residence Hall, the policy of fixing the rentals high enough to secure a return on the investment was discussed.

The Supervising Architect presented plans for the Memorial Music Building, the estimate on the completed cost of which was \$350,000. The policy of erecting so expensive a building and the possibility of erecting only part of the building contemplated in the plans were discussed.

Other general building needs were discussed, and among the grounds and service plant betterments special stress was laid on the need for additional wells and reservoir capacity, data being presented to show that it

was necessary for all of the wells to work constantly to seventy-five per cent of their test efficiency in order to meet the daily demands.

In connection with the operation budget, a detailed statement of the pay roll for December, 1914, was submitted, showing the number of employees in each class and the hourly wage rate received by each. The total number on the pay roll for the month was 214 and the total amount of pay roll was \$11,417.88.

#### NEEDS OF THE SCHOOL OF PHARMACY PRESENTED.

Prof. W. B. Day, Acting Dean of the School of Pharmacy, presented the needs of the School of Pharmacy for the coming biennium. In connection with the budget, Dean Day discussed the availability of certain buildings on the West Side, near the College of Medicine, which had been offered for sale to the University for the uses of the School of Pharmacy.

#### NEEDS OF THE COLLEGE OF DENTISTRY PRESENTED.

Dr. F. B. Moorehead, Dean of the College of Dentistry, presented the needs of the College of Dentistry for the coming biennium. Dr. Moorehead emphasized the need of providing scientifically trained dentists to carry on the work of teaching and investigation in this field.

#### MATTERS PRESENTED BY THE PRESIDENT OF THE UNIVERSITY.

The following matters were presented by President James.

##### POLICY OF LEASING SMITH LANDS.

(1) A letter from Prof. George E. Frazer, Comptroller, concerning certain leases of the lands given to the Board of Trustees by Capt. Smith:

*January 18, 1915.*

*President Edmund J. James, University of Illinois.*

DEAR SIR: Under date of October 23, 1914, I wrote to you calling your attention to the lands acquired by gift from Capt. Thomas J. Smith, and the desirability of arranging new leases for such lands for the year beginning January 1, 1915. At the meeting of the Board of Trustees on December 8, 1914, this matter was referred by the board to the Committee on Agriculture, with the request for a recommendation upon the best policy to be pursued in handling these lands.

The lease on the 240 acres in section 26 of township 20, between Capt. Smith and C. J. Foltz, of Philo, expired on January 1, 1915. This lease provided for the payment of rent to the amount of one-half the crop. The receipts of Capt. Smith on this 240-acre farm amounted, for 1914, to \$1,884.53, or \$7.85 per acre.

The present tenant on the 80 acres near the Country Club is leasing the land on an oral continuation of a written lease that expired January 1, 1911. The understanding between Capt. Smith and Russell Arbuckle, of Champaign, the tenant, provides for rent to be paid to the extent of one-half the crop. During 1914, Capt. Smith received from this 80-acre farm \$1,227.31, and expended \$20 as his share of the threshing expenses on it. This 80 acres netted Capt. Smith \$15.22 per acre.

The 240-acre farm near Fisher was leased by Capt. Smith to George E. Jones, of Fisher, payment to be made on the basis of one-half of the crop. On August 24, 1912, Capt. Smith extended this lease to January 1, 1918. The deed of Capt. Smith conveying this farm to the University specifically provides that the grant is subject to tenants' leases. (Minutes of the Board of Trustees, for September 3, 1914, note on page 115.) I understand, however, that Mr. Jones is willing to make a new agreement with the Board of Trustees, if the board wishes to cancel the present lease. This 240-acre farm yielded a crop of corn in 1914 estimated at 32 bushels per acre. The share of Capt. Smith on this estimate would be 16 bushels per acre, which, at a selling price of 65 cents per bushel, would net \$10.40 per acre. These estimates are given as the corn has not yet been sold.

The 214-acre farm in Ludlow Township was leased by Capt. Smith to David A. Howard under a lease which expired January 1, 1913. Mr. Howard is now occupying the land under an oral understanding with Capt. Smith that the payment of rent is to be one-half the crop. The corn from this farm has not been sold, but it is estimated at 35 bushels per acre. Under this estimate, Capt. Smith will receive 17½ bushels per acre, which, at 65 cents per bushel, will yield \$11.38 per acre for the year 1914.

The tenants on these four farms are desirous of completing their arrangements for the year 1915. Capt. Smith recommends that the present tenants be retained, and each of the present tenants is willing to enter into a new lease with the Board of Trustees on a share of the crop basis. Dean Davenport and members of the Agricultural College Faculty tell me that this is the usual basis for renting land in this vicinity. I suggest, therefore, that the occupancy of these farms may be settled for the present year by leasing the farms to present tenants on a share of the crop basis. Written leases should be secured, providing for rotation of crops, removal of obnoxious weeds, and care and delivery of crops. If leases are arranged on the share basis, provision should also be made for the appointment of some one from the staff of the University to inspect the operation of the farms under the leases, and for the disposal of crops.

Very truly yours,

GEO. E. FRAZER, *Comptroller.*

The matter of leasing for the coming year the land which was given by Capt. Smith was referred to the Committee on Agriculture, with power to act, the chairman of the Committee on Agriculture to have authority to act in case it should not be possible to get a quorum immediately.

#### FINAL REPORT, ACQUISITION OF LAND ON NEVADA STREET.

(2) A report of the Legal Counsel and the Comptroller concerning the condemnation and acquisition of lots 23, 24, and 25 in Forestry Heights Addition to Urbana.

[Report.]

December 11, 1914.

The Board of Trustees of the University  
of Illinois

Henry L. Rietz, Nellie G. Walton, and  
Charles W. Walcott.

Petition to condemn lots 23, 24, and 25,  
in Forestry Heights Addition to Ur-  
bana.

President Edmund J. James, University of Illinois.

DEAR SIR: The Legal Counsel and the Comptroller beg to submit the following reports as to the disposition made of the above entitled case. The action now reported has been taken in compliance with the vote of the Board of Trustees at their meeting on November 14, 1914 (minutes of the Board of Trustees, page 137):

The Legal Counsel prepared an order which has been accepted and approved by Judge William G. Spurgin, judge of the County Court of Champaign County. Under this order, the Board of Trustees secures the right to enter the lots described and use them in perpetuity for educational purposes.

In addition to this order, the Comptroller has secured warranty deeds from each of the parties running to the Board of Trustees. The form of these deeds has been approved by the Legal Counsel, and the deeds have been recorded in the office of the County Recorder of Champaign County. The abstracts have been brought down to date, including the transfer to the Board of Trustees, and have been filed with the Secretary of the board.

The Comptroller has made the following payments:

Mrs. Nellie G. Walton.	
Lot 24, Forestry Heights Addition.....	\$3,500 00
Mr. A. B. Gray, special collector:	
Paying tax assessments against lot 24, assumed and paid by the Uni- versity .....	43 79
Dr. H. L. Rietz.	
Lot 23, Forestry Heights Addition.....	3,500 00
For abstract, and to equalize the payment made to Mrs. Walton.....	43 79
Mr. and Mrs. C. W. Walcott.	
Lot 25, Forestry Heights Addition.....	3,500 00
For abstract, and to equalize the payment made to Mrs. Walton.....	43 79
In the case of each lot, the University has also assumed the payment of the taxes levied in 1914, and due in 1915.	

The Comptroller has paid the court costs involved in the case, amounting to \$85. A receipt in full has been obtained from Mr. Fred Hess, County Clerk, and a copy of that receipt is enclosed herewith.

Respectfully submitted,

O. A. HARKER, *Legal Counsel.*  
GEO. E. FRAZER, *Comptroller.*

[Receipt.]

Received from George E. Frazer, Comptroller of the Board of Trustees of the University of Illinois the sum of eighty-five (\$85) dollars, in full payment of court costs, including fees, in the case of the Board of Trustees of the University of Illinois versus Rietz, Walton, and Walcott.

FRED HESS, *County Clerk.*

This report was received for record.

#### ACCEPTANCE OF THE ORGAN.

(3) A letter from Prof. James M. White, concerning the completion of the organ:

URBANA, ILL., January 22, 1915.

President Edmund J. James, University of Illinois.

DEAR SIR: Casavant Brothers completed the installation of the organ in the Auditorium in November, and they have been paid all but one thousand dollars (\$1,000) on the contract price.

The specifications have been complied with, and the entire work has been performed in a highly commendable manner.

A few minor mechanical defects have developed, partly due to the changing humidity in the building, and partly to defects in design. These are not serious, however, and I recommend that the organ be accepted and the final payment be authorized. I will not issue the final certificate until I am satisfied that the builders have fully met their obligations.

Yours truly,

JAMES M. WHITE, *Supervising Architect.*

Letters have also been received from Mr. Charles H. Mills and Mr. J. Lawrence Erb, who, after careful examination of the instrument, unite in certifying that the Casavant Brothers have complied, so far as the general construction of the organ is concerned, with the specifications; that in their opinion the workmanship is first class; and that when the final touches are put on the organ the Trustees will have a very satisfactory instrument.

On motion of Superintendent Blair, the organ was accepted and the final payment authorized as soon as the Supervising Architect has certified to the Comptroller that various minor mechanical defects have been fully remedied.

#### CHANGES IN COURSE IN PHARMACY.

(4) A letter from W. B. Day, Acting Dean of the School of Pharmacy, recommending certain changes in the course in the School of Pharmacy:

CHICAGO, December 30, 1914.

*President Edmund J. James, University of Illinois.*

DEAR PRESIDENT JAMES: At a meeting of the Faculty of the University of Illinois School of Pharmacy held yesterday the following recommendations were made to you for changes in the courses in the School of Pharmacy:

*First*—It was recommended that beginning with the session of 1916-17 the shorter course leading to the degree of Graduate in Pharmacy be lengthened by adding one month to each school year so as to close the course late in May instead of late in April, as at present.

*Second*—It was recommended that beginning with the session of 1916-17 the longer course leading to the degree of Pharmaceutical Chemist be increased to three years, the first two years to be identical with the shorter course and the third year to comprise five days a week of instruction for a period of eight months.

The effect of these recommendations, if adopted, will be to increase the amount of instruction given in the shorter course about fifteen per cent, while leaving the longer course approximately as at present in the number of hours of instruction but spreading this instruction over three years instead of two and, thereby, meeting the requirements established by the New York Board of Regents for the Pharmaceutical Chemist degree, which are based upon a three-year course. We believe that it will be an improvement in the longer course in other respects to give this greater time to it even though the actual hours of instruction are not materially increased. It will also enable a better adjustment of the studies so as to base the third year's work upon the work of the first two years and to permit us to select the brightest students in the two-year course and encourage them to take this third year's work.

*Third*—It was further recommended that the schedules of the shorter course be so adjusted and rearranged as to avoid the necessity for holding classes on Saturday, while retaining the same number of hours of instruction per week as at present given. This revision of the weekly schedule to go into effect next session.

In explanation of this last recommendation, I would say that we have found it to be at times a serious disadvantage to hold classes on Saturday, particularly Saturday afternoons, as it is a departure from the established usage of schools generally—a departure which is not necessary under present conditions.

*Fourth*—It was recommended that the proposed eight-months year beginning with 1916-17 be divided into two semesters in conformity with the general custom.

We hope that these changes will have your approval and if it is necessary that they be acted upon by the Board of Trustees that you will bring them before the Board of Trustees with your favorable recommendation.

Very respectfully yours,

W. B. DAY, *Acting Dean.*

On the motion of Superintendent Blair, these recommendations were referred to the Committee on the College of Medicine and the School of Pharmacy for consideration and report.

#### ELECTION OF MR. G. C. OUTTEN TO ADVISORY COMMITTEE ON CROPS.

(5) A letter from Director of the Agricultural Experiment Station submitting the names of Mr. S. W. Strong of Urbana and Mr. G. C. Outten of Mt. Zion as nominees by Mr. Victor DeWein, Secretary of the Illinois Grain Dealers' Association, to complete the Advisory Committee on Crops; the Board of Trustees under its regulations to select one.

On motion of Mr. Hoyt, Mr. G. C. Outten of Mt. Zion was appointed a member of the Advisory Committee on Crops.

#### ADDITIONAL ASSISTANTS IN MILITARY SCIENCE.

(6) Owing to the unexpectedly large increase in the numbers of the Cadet Brigade the present year, it was found necessary to appoint ten assistants in Military Science, at a salary of \$100 each a year, instead of eight authorized by the budget of last summer.

On motion of Miss Watson, the action of the President of the University in appointing two additional assistants in Military Science was approved and the appropriation involved was made by the following vote: Ayes, Mr. Abbott, Mr. Blair, Mrs. Busey, Mrs. Evans, Mrs. Henrotin, Mr. Hoyt, Miss Watson; noes, none; absent, Mr. Dunne, Mr. Hopkins, Mr. Meeker, Mr. Moore, Mr. Trevett.

#### CERTIFICATES OF HONORS FOR SCHOLARSHIP.

(7) A recommendation from the Council of Administration that the Registrar be authorized to provide a certificate indicating the granting of preliminary honors and final honors to students for high scholarship. The printing of these engraved certificates would cost about \$77, including the plates from which future certificates might be printed.

On the recommendation of President James and on motion of Superintendent Blair, the Registrar was authorized to provide certificates for students who shall earn honors. The vote was as follows: Ayes, Mr. Abbott, Mr. Blair, Mrs. Busey, Mrs. Evans, Mrs. Henrotin, Mr. Hoit, Miss Watson; noes, none; absent, Mr. Dunne, Mr. Hopkins, Mr. Meeker, Mr. Moore, Mr. Trevett.

#### GIFT TO ROTHAMSTED EXPERIMENT STATION ACKNOWLEDGED.

(8) A statement from the Dean of the College of Agriculture that the contribution of the University of Illinois to the building of the Lawes Memorial at the Rothamsted Agricultural Experiment Station in England has been greatly appreciated, and that a full series of the publications of the Station is now on its way for the University Library.

This report was received for record.

#### BUREAU OF MILITARY INFORMATION AND ADVERTISING.

(9) A recommendation from Col. Joseph N. Greene, Colonel and Brigade Commander of the University Brigade, concerning the establishment of a Bureau of Military Information and Advertising. The recommendation is endorsed by the Military Commandant:

January 18, 1915.

*From: Cadet Colonel J. N. Greene, Commanding the Cadet Brigade.*

*To: Commandant of Cadets, University of Illinois.*

*Subject: Recommendation for the establishment of a Bureau of Military Information and Advertising.*

In order that the Military Department of the University of Illinois may better be advertised in the University community and in order that the members of the University and its community may better be educated in those matters pertaining to the Federal and State Military and Naval policies, I have the honor to make the following recommendation:

There shall be established in conjunction with the Military Department of the University of Illinois a bureau of information which shall be officially known as "The Division of Military Information." The object of this bureau will be to compile all data concerning:

a. The strength of the Regular Army of the United States; the organization and its distribution; the regulations governing the Army.

b. The strength of the United States in number of ships and officers and men; the maintenance of the ships and their distribution; the regulations governing the Navy.

c. The strength and organization of the National Guards of the several states; and the laws governing the Illinois National Guard; the requirements of the War Department in respect to the Guard.

d. The same as "c" for the Naval Reserve of the several states and of Illinois in particular.

e. All proposed and enacted Military and Naval Laws in the Federal Congress and the State of Illinois Legislature.

f. The proposed and enacted laws in respect to the establishment of reserve armies; summer instruction camps; and all other legislation pertaining to the Army and Navy.

g. The strength and maintenance of Corps of Cadets by the United States and the several states of the Union.

h. The strength and distribution of the armies and navies of foreign "world powers."

i. The relations existing between the "Boy Scouts" of the several nations and the armies and navies of these nations.

j. The military policies of the several nations.

k. All other information relating to the Army and Navy of the United States that is of importance.

This division to be conducted, under the supervision of the Commandant of Cadets, by the following:

a. A "Chief" of the bureau who must be a Senior Officer of the University Corps of Cadets, in good scholastic standing and with good moral habits.

b. Two assistants to the Chief who shall be Junior Officers of the Cadet Corps and who satisfy the requirements made of the Chief.

c. Not more than six clerks who shall be Sophomore noncommissioned officers of the Corps of Cadets and who satisfy the requirements made of the Chief.

These officers of the bureau are to be chosen in the following manner: From the Sophomore noncommissioned officers applying for the positions as clerks the Commandant shall select the six who have shown by their previous military or naval training that they are qualified to fill the office or who by examination given by the Commandant on such subjects as he shall consider pertinent shall prove capable of filling the office; the two Junior assistants of the Chief shall be chosen at the end of each school year, their selection to be based upon the service rendered by them during the term of clerk. At the end of each school year the Chief of the Bureau will be chosen from the Junior assistants, the selection being based upon the service rendered while in the capacity of Junior assistant. The selection shall be made by the Commandant of Cadets and the then active Chief. For the remainder of the year 1914-15 a Chief shall be appointed by the Commandant; and likewise the Commandant shall determine by competitive examination those two men best fitted to be Junior assistants; and further, the Commandant shall also determine by similar examination those six Sophomores who are best fitted to act as clerks.

The Chief of the Bureau shall be personally responsible to the Commandant for the proper administration of the bureau. Together with the Commandant he shall disseminate such information as is required by the press of the University and its community and shall aid the Commandant in the advertising of summer camps of the War Department and shall similarly advertise any other measures of the United States Government taken by it to increase the efficiency of the Army and Navy or to inform the people of the country upon military affairs. Through the bureau he shall be required to answer all questions from all sources pertaining to any or all data compiled as hitherto required.

The Junior assistants and the Clerks shall do all such work pertaining to the maintenance of the bureau as the Commandant and the Chief shall direct.

In consideration of his services the Chief shall receive the sum of ten dollars (\$10) per month for the nine months of the school year.

In consideration of their services each Junior assistant shall receive the sum of four dollars (\$4) per month for the nine months of the school year.

The Clerks shall receive no compensation for their services.

The salaries of the different officers of the bureau shall be paid out of the general funds appropriated by the University for the use of the Military Department and charged to the account of "clerical help."

The headquarters of the bureau shall be in the office of the Military Department where and by which the necessary equipment shall be furnished them.

The bureau shall in no way support any political party.

JOS. N. GREENE,  
*Colonel and Brigade Commander.*

MILITARY DEPARTMENT, January 20, 1915.

*President E. J. James, University of Illinois.*

DEAR SIR: This scheme advocated by Col. Greene is, I think, a very good one. Please consider it and if you think it practicable, give me authority to start it the coming semester.

The amount of money necessary to finance it the balance of the year would be about \$56, which can be paid out of the appropriation for clerical work.

Very respectfully,

F. D. WEBSTER,  
*Major of Infantry and Professor of Military Science.*

On the recommendation of President James and on motion of Miss Watson, the Commandant was authorized to organize this bureau and the sum of fifty-six dollars was appropriated therefor. The vote was as follows: Ayes, Mr. Abbott, Mr. Blair, Mrs. Busey, Mrs. Evans, Mrs. Henrotin, Mr. Hoit, Miss Watson; noes, none; absent, Mr. Dunne, Mr. Hopkins, Mr. Meeker, Mr. Moore, Mr. Trevett.

At this point Mrs. Busey withdrew.

#### SALE OF TELEPHONE STOCK.

(10) A letter from the Comptroller announcing the sale of the last of the Michigan State Telephone Company stocks and bonds:

*January 21, 1915.*

*President Edmund J. James, University of Illinois.*

DEAR SIR: The Board of Trustees, at the meeting held on June 25, 1913, authorized me to sell for \$25, the \$25 certificate of the Michigan State Telephone Company common voting stock scrip, owned by the University. I beg to advise you that I have sold this scrip to N. W. Harris and Company of Boston, and that their draft for \$25 in payment has been deposited with the University Treasurer, and credited to the principal of the Edward Snyder Loan Fund.

This sale completes the disposal of approximately \$3,600 of Michigan State Telephone Company stocks and bonds, in which a portion of the Snyder Loan Fund was invested in 1900.

Very truly yours,

GEO. E. FRAZER.

This report was received for record.

#### STATE AUDITOR'S AUDIT OF UNIVERSITY ACCOUNTS.

(11) A letter from the Comptroller enclosing a letter concerning the audit of the University accounts made at the instance of the State Auditor by the United States Audit Company:

*January 21, 1915.*

*President Edmund J. James, University of Illinois.*

DEAR SIR: For your information, I hand you herewith a copy of the letter in the report addressed to the State Auditor by the United States Audit Company, under date of January 18. You will remember that the State Auditor employed the United States Audit Company to make an audit of the accounts of the University for the fifteen months ending September 30, 1914.

The report of the United States Audit Company is very satisfactory to me. In the first place, the auditors call attention to our detailed analysis of receipts and disbursements, and state that our records of receipts and disbursements "have been kept in an accurate and efficient manner, and a great improvement has been made over the system in use at the time of last audit for your office, April, 1913."

In the second place, the auditors call attention to the need for better accounting on our part as to the inventories of University property. I have gone over the inventory question from all possible angles, and have come to the conclusion that our present inventory methods are satisfactory, providing we can find time and

opportunity to check our book records of property with the actual property. We have planned the work of the business office for the remaining months of the present fiscal year so as to permit of some time being given to verification of inventories.

Very truly yours,

GEO. E. FRAZER.

[Audit Report.]

January 18, 1915.

Hon. James J. Brady, Auditor of Public Accounts, Springfield, Ill.

DEAR SIR: In accordance with your instructions, I have audited the books and accounts of the University of Illinois at Urbana, Ill., for the fifteen months ended September 30, 1914.

Owing to the fact that the fiscal year of the University ends on June 30, 1914, I have audited that period, and have also verified the cash receipts and disbursements for the three months ended September 30, 1914.

A summary of the transactions of the year ended June 30, 1914, is as follows:

Cash receipts (Exhibit "AA").....	\$ 531,703 45
Add: State appropriation income (amount expended) ..	2,278,715 86
	<u>\$2,810,419 21</u>
Cash disbursements (Exhibit "BB").....	2,819,297 81
Excess of disbursements over receipts.....	8,878 50
The disbursements for the year resulted in an increase in net worth, as shown by comparative balance sheet (Exhibit "A") of \$641,828.88.	
I estimate the cost of maintaining the University during the year as follows:	
Disbursements .....	\$2,819,297 81
Deduct: Increase in net worth.....	641,828 88
	<u>\$2,177,468 93</u>

Estimated cost ..... \$2,177,468 93  
This amount represents the cost of ordinary maintenance, and does not take into consideration the acquisition of land, construction of new buildings, or purchase of equipment.

The system of accounting in this institution gives very detailed analysis of the receipts and disbursements. There is also in force a method of recording liabilities against appropriations, which acts as a preventive against overdrafts. A transfer ledger is also used, which records inter-department transactions and requisitions from stores. In this manner the cost of each department of the University is accurately shown in full detail.

Owing to the amount of time at my disposal, I have audited the balance sheet at June 30, 1914, as it would require considerable time to construct a balance sheet at September 30, 1914.

The method of recording additions and deductions from balance sheet assets during the year ended June 30, 1914, could be much improved. I believe that a general ledger, recording assets and liabilities, should be installed. All additions to assets should be susceptible to audit by reference to the duplicate vouchers on file. Equipment discarded or otherwise disposed of, depreciation and any other deductions from capital assets should be credited to the proper asset account and charged to surplus, and there should be sufficient supporting data referring to same to properly verify transactions. Inventories of supplies should be taken on uniform inventory sheets, and detailed sufficiently, where possible, to admit of a comparison with the vouchers on file.

Considering the many thousands of items handled by the University, and the variety thereof, the records of the cash receipts and disbursements have been kept in an accurate and efficient manner, and a great improvement has been made over the system in use at the time of last audit for your office, April, 1913.

The receipts of the University are used, together with the State appropriations, for the payment of ordinary expenses and acquisitions of new property. A budget control over expenditures is in force, the Board of Trustees of the University basing their appropriations on the estimated current receipts and the State appropriations.

Duplicate vouchers are on file for all disbursements.

I verified the cash receipts and cash balances, and reconciled the appropriation balances with the amounts as shown by your office, both on June 30, 1914, and September 30, 1914.

I submit herewith various statements, which contain full details of the cash receipts and disbursements, together with comments on my verification of the assets and liabilities at June 30, 1914.

Yours very truly,

HENRY L. HERTZ,

President, United States Audit Co.

Supervised by:

WHITNEY B. FLERSHEM,  
Certified Public Accountant.

This report was received for record.

#### AUTHORITY TO ACCEPT GIFTS FOR MARGARET LANGE JAMES LOAN FUND.

(12) A request from Miss Martha J. Kyle, Acting Dean of Women, on behalf of certain young women of the University, that the Comptroller of the University be authorized to accept contributions and subscriptions received by them in trust for the Margaret Lange James Loan Fund.

On motion of Mrs. Evans, this request was granted.

\* Should be \$2,810,419.31—an error of 10 cents.

### CLASSIFICATION OF EMPLOYEES OF THE AGRICULTURAL EXPERIMENT STATION.

(13) A letter from the Dean of the College of Agriculture and Director of the Agricultural Experiment Station, submitting a proposed classification of employees of the Experiment Station not under direct Trustee appointment:

#### [CLASSIFICATION OF EMPLOYEES OF THE EXPERIMENT STATION NOT UNDER OFFICIAL APPOINTMENT.]

Your committee appointed to consider the classification of service embracing miscellaneous positions not of official appointment and the adjustment of wages pertaining thereto, begs to place before the departments' conference the following suggestion as a scheme of classification:

Employees of the Experiment Station, not under official appointment, may be considered as belonging to the following classes in accordance with the explanations following:

##### FARM FOREMAN.

There may be in each department a farm foreman to which position is attached a considerable amount of responsibility. Besides having the immediate supervision of the field work, this foreman may be made responsible for the selection of the laborers, the keeping of accounts, and, under direction of the department, of the disposal of products. He may also be given the duty of policing the grounds. Wages \$65 to \$85 per month.

##### HERDSMAN, SHEPHERD, ETC.

In certain departments there may be employed herdsmen who are charged with the care of animals. They should be men of experience in their respective lines. According to experience, ability, and responsibility, the wages may vary from \$60 to \$85 per month.

##### GREENHOUSE OR LABORATORY ATTENDANT.

These positions will probably be recruited ordinarily from the ranks of laborer or janitor. Through contact with a certain special line of service these men become proficient in such special lines. The wages may vary from \$50 to \$70 per month.

##### SCIENTIFIC HELPER.

There may be three classes of scientific helpers according to qualifications as follows:

*Class I.*—Employees coming into the work who have had neither experience in the particular line of work of their employment nor training that would particularly fit them for it may be placed in Class I. Wages may vary from \$40 to \$60 per month.

*Class II.*—Employees in this class must have had at least two years of experience in the special line of work of their employment or have had equivalent training that would peculiarly fit them for the work. Wages may vary from \$60 to \$85 per month.

*Class III.*—Employees in order to be eligible to this class must have had education beyond the high school besides possessing other special qualifications. Wages may vary from \$85 to \$100 per month.

##### WORKMAN OR TEAMSTER.

Provisions for regulating the pay of this class are already in force as made previously by a special committee.

##### MISCELLANEOUS EMPLOYEES.

There are a number of different kinds of employment so special in their nature as to scarcely permit of a classification. Each case will have to be dealt with by itself.

On the recommendation of President James and on motion of Mr. Hoit, this classification of employees was approved.

#### POLICY GOVERNING ELECTION OF TREASURER.

(14) The board at the annual meeting, March 11, 1913, voted that it would not reelect a University Treasurer to succeed himself. It will be necessary, therefore, for the board at its next annual meeting (March 9, 1915) to select another Treasurer.

Mr. Busey, who has been Treasurer for the past term, has performed his duties in an eminently acceptable manner, and has made things as convenient as possible for the routine administration of the University.

In selecting a new Treasurer, I think it would be well for the board to attempt to secure, if possible, a somewhat larger rate of interest on daily balances. The Treasurers of the University for many years past, possibly from the beginning, have paid from 2 to 2½ per cent, computed biennially, upon the daily balances in their hands. Mr. Busey likewise promised on April 4, 1913, to pay to the University 2 per cent on daily balances. This sum has amounted to a very gratifying addition to the financial resources of the University. Under the present arrangement, by which the appropriations made by the Legislature are kept in the State Treasury instead of being handed over to the University Treasurer, the income from this source will be, of course, relatively small, but it is still eminently worth having. The University of Wisconsin seems to be able to get 2½ per cent on daily balances. The city of Chicago receives from the banks 3 per cent on all funds on deposit more than thirty days, and there would seem to be no reason why the



University of Illinois could not obtain as much as Wisconsin or Chicago.\* In addition to the use of the money in his hands the Treasurer of the University has been receiving under action of the Finance Committee (to whom the decision has been referred with power to act) fifty dollars a month for office expenses. It would seem proper to save this sum to the University under the new arrangement. The following table showing the balances in the hands of the University Treasurer on the thirtieth day of each month during the present biennium will indicate in general the way in which the funds change from month to month:

**MONTHLY BALANCES IN HANDS OF UNIVERSITY TREASURER.**

April 30, 1913.....	\$736,907 88	March 31 .....	\$347,926 80
May 31 .....	585,584 58	April 30 .....	325,736 33
June 30 .....	425,548 11	May 31 .....	280,326 80
July 31 .....	306,100 25	June 30 .....	211,052 30
August 31 .....	234,849 81	July 31 .....	151,418 78
September 30 .....	267,834 65	August 31 .....	132,651 94
October 31 .....	276,726 72	September 30 .....	212,811 44
November 30 .....	262,936 65	October 31 .....	236,020 38
December 31 .....	259,790 92	November 30 .....	234,783 54
January 31, 1914.....	266,655 30	December 31 .....	201,083 46
February 28 .....	333,108 20	January 31, 1915.....	221,554 78

I recommend that this matter be referred to the Finance Committee for consideration and report.

No action was taken concerning this matter

**REQUESTED PURCHASES FOR CLASSICAL MUSEUM.**

(15) Two requests from Prof. Arthur S. Pease, Curator of the Museum of Classical Art and Archeology:

1. That the University authorize the purchase of the Jacobstahl collection of archeological objects which has been offered to the University by Paul Gottschalk, bookseller, of Berlin. This is a very valuable collection of antiquities which we really ought to have in our museum of archeological objects. It would form a most valuable element in the means of instruction in our courses in history, art, and archeology.

2. That the University purchase a Babylonian clay cylinder tablet, giving an account of the building of Babylon by King Nebuchadnezzar. It has been offered to the University for sale by Dr. Edgar J. Banks for the sum of \$315. It would be valuable for purposes of instruction in history, archeology, and semitics.

No action was taken on these requests.

**REQUESTED PURCHASE OF PRINTING PRESS FOR MUSEUM.**

(16) A request from Prof. N. C. Brooks, Curator of the Museum of European Culture, endorsed by the Curator of the Museum of Classical Archeology, and approved by the Supervising Architect, for the installation of a small printing press to cost about \$100 for the purpose of printing museum labels.

No action was taken on this matter.

**CHARGE FOR USE OF MORROW HALL.**

(17) A recommendation from the Supervising Architect:

"That a charge of seven dollars and a half (\$7.50) be made for the use of Morrow Hall for musicals and similar entertainments, this charge to cover lighting, heating, janitor service for ordinary cleaning, police duty, and the use of such palms and ferns as the Supervising Architect and the Superintendent of Grounds deem advisable, all extra work, such as wiring, decorating, special lighting effects, and the like, to be charged for in addition, in proportion to the labor and material required."

On motion of Mr. Hoit, this recommendation was concurred in.

**DR. E. A. CORCORAN DROPPED FROM MEDICAL FACULTY.**

(18) A statement from Dr. D. A. K. Steele, Senior Dean of the College of Medicine, that he had been obliged to drop the name of Dr. Edward A. Corcoran, Instructor in Medicine in the Junior year in the College of Medicine, for inattention to duty and lack of interest in his work.

On the recommendation of President James and on motion of Mr. Hoit, the action of Dean Steele, was approved.

**AUTHORITY TO NOMINATE GRADUATE SCHOLARS AND FELLOWS.**

(19) A request from the Dean of the Graduate School, Dr. David Kinley, that he be authorized to nominate the scholars and fellows for the coming year with stipendia aggregating \$25,000.

On the recommendation of President James and on motion of Mr. Hoit, authority was given as requested.

\* Since writing the above I have been informed that the University of Wisconsin has received during the last year on local deposits of petty cash the sum of 3.85 per cent instead of 2½ per cent. The University of Missouri received 3 per cent; the Ohio State University 2.5 per cent; the University of Cincinnati 2.5 per cent; the Michigan Agricultural College 2.5 per cent. These sums are generally computed quarterly or for even shorter periods.

**GIFT TO B'NAI B'RITH LIBRARY FUND.**

(20) A statement of the Comptroller that he has received a gift of \$50 from Mr. Isaac Kuhn for the use of the B'nai B'rith Library Fund in the Library of the University of Illinois.

On motion of Mr. Hoit, this gift was accepted and the President of the University was requested to extend the thanks of the board to Mr. Kuhn.

**INTER-UNIVERSITY COMMITTEE TO PREPARE MATERIAL FOR STATE CONSTITUTIONAL CONVENTION.**

(21) Last year an appropriation of \$100 was made for the use of the Constitutional Committee (page 736, Report, 1914). No part of this fund has yet been used, but it lapsed on the 30th day of June. The committee is now desirous of incurring certain expenses for typewriting, etc., in the preparation of their report. If there is no objection, I shall take it for granted that this appropriation is continued for this purpose.

No action was taken concerning this matter.

**EMERGENCY BILL TO SECURE SMITH-LEVER FUNDS.**

(22) A recommendation that the President of the University be given authority to secure the introduction of an emergency bill into the Legislature providing for the appropriation of the \$10,000 which should come to the State under the Lever Fund during the present year.

No action was taken on this matter.

**USE OF SWIMMING POOL IN WOMAN'S GYMNASIUM.**

Mrs. Evans reported for the Committee on Students' Welfare, to whom had been referred a request that the swimming pool in the Woman's Gymnasium be opened to the wives and children of members of the Faculty (page 737, Report, 1914), that the committee regretted that the accommodations in the Woman's Building were too limited to permit of the granting of this request.

This report was received for record.

**APPOINTMENT TO COMMITTEE ON AGRICULTURE.**

The Secretary presented for record the following letter from the President of the board:

*January 31, 1915.*

*Mr. H. E. Cunningham, Secretary, University of Illinois.*

DEAR SIR: Please note that I have appointed Hon. J. K. Hopkins to fill the vacancy on the Committee on Agriculture, caused by the retirement of Dr. Montgomery.

Yours truly,

W. L. ABBOTT.

**APPOINTMENTS MADE BY THE PRESIDENT OF THE UNIVERSITY.**

The Secretary also presented for record the following list of appointments made by President James to fill vacancies:

Carothers, Herbert, Assistant in Gross Anatomy in the College of Medicine, to give six hours' service a week, for the second semester of the current academic year, at a remuneration of fifty dollars (\$50) for the semester. (January 28, 1915.)\*

Haag, V. W., Student Assistant in Chemistry, for five months beginning February 1, 1915, at a salary of ten dollars (\$10) a month. (January 23, 1915.)

Hartwell, Basil, Assistant in Gross Anatomy in the College of Medicine, to give six hours' service a week, for the second semester of the current academic year, at a remuneration of fifty dollars (\$50) for the semester. (January 28, 1915.)

Heacock, Dr. E. N., Assistant in Gross Anatomy in the College of Medicine, to give nine hours' service a week, for the second semester of the current academic year, at a remuneration of fifty dollars (\$50) for the semester. (January 28, 1915.)

Houston, Ruth, Temporary Assistant in Physical Training for Women, for four months beginning February 8, 1915, at a salary of eighty dollars (\$80) a month. (January 25, 1915.)

Venning, Frank L., Instructor in Landscape Design, for four months beginning February 1, 1915, at a salary of one hundred twenty-five dollars (\$125) a month. (January 29, 1915.)

Welden, N. A., Assistant in Gross Anatomy in the College of Medicine, to give six hours' service a week, for the second semester of the current academic year, at a remuneration of fifty dollars (\$50) for the semester. (January 28, 1915.)

The board adjourned.

W. L. ABBOTT, *President.*

H. E. CUNNINGHAM, *Secretary.*

\* The date in parenthesis is the date on which the appointment was made by the President of the University.

## MEETING OF MARCH 2, 1915.

A special meeting of the Board of Trustees of the University of Illinois was held at the Blackstone Hotel, in the city of Chicago, at 12.30 p. m., on Tuesday, March 2, 1915, pursuant to the following notice which was sent out by the Secretary on February 17, 1915:

Upon the call of the President, Mr. W. L. Abbott, there will be a special meeting of the Board of Trustees of the University of Illinois at the Blackstone Hotel, in Chicago, on Tuesday, March 2, 1915, at 12.30 p. m., to consider such matters as the committees of the board and the President of the University may submit, and such other matters as may be duly presented.

When the board convened, the following members were present: President Abbott, Mr. Blair, Mrs. Busey, Mrs. Evans, Mrs. Henrotin, Mr. Hoit, Mr. Moore, Miss Watson.

During a part of the afternoon, Professors D. A. K. Steele, G. P. Dreyer, Casey A. Wood, C. S. Williamson, and C. S. Bacon, of the College of Medicine, were present.

President James was present.

President Abbott requested Mr. Allen F. Moore, whose term expires on March 9, to take the chair. Mr. Moore presided throughout the afternoon.

### APPROVAL OF MINUTES.

The Secretary presented the minutes of the meeting of January 30, 1915. On motion of Mr. Abbott, the minutes were approved in the form printed above on pages 188 to 203, inclusive.

### APPOINTMENTS MADE BY THE PRESIDENT OF THE UNIVERSITY.

The Secretary presented for record the following list of appointments made by President James to fill vacancies:

Baumgartner, Rachel, Graduate Assistant in Zoology, for five months beginning February 1, 1915, at a salary of thirty dollars (\$30) a month. (February 22, 1915.)\*

Beard, J. H., Medical Examiner for the Classified Civil Service Employees in the University, at a salary of twenty-five dollars (\$25) a month, beginning February 1, 1915, and continuing until further notice. (February 5, 1915.)

Benson, Susan T., Loan Assistant in the Library, on one-half time, at a salary of thirty-seven and one-half dollars (\$37.50) a month, beginning February 3, 1915, or as soon as she reports for duty, and continuing until August 31, 1915. (February 3, 1915.)

Braley, Silas A., Assistant in Chemistry, for five months beginning February 1, 1915, at a salary of fifty dollars (\$50) a month; this appointment superseding his former appointment as Graduate Assistant. (February 20, 1915.)

Conel, Jesse L., Assistant in Zoology, for five months beginning February 1, 1915, at a salary of sixty dollars (\$60) a month. (February 22, 1915.)

Evans, Walter, Instructor in Wrestling, for three months beginning January 1, 1915, at a salary of one hundred dollars (\$100) a month. (February 6, 1915.)

Fiero, Elmer E., Clerk in the Office of the Dean of Men, beginning February 1, 1915, and continuing until August 31, 1915, at a salary of fifty dollars (\$50) a month. (February 5, 1915.)

Footitt, Frank F., Graduate Assistant in Chemistry, for five months beginning February 1, 1915, at a salary of thirty dollars (\$30) a month; this appointment superseding his former appointment as Student Assistant. (February 20, 1915.)

Kellogg, Amelia L., Assistant in Botany, for five months beginning February 1, 1915, at a salary of three hundred dollars (\$300) for the semester. (March 1, 1915.)

Marshall, Ruth, Temporary Instructor in Zoology, beginning February 1, 1915, and continuing until further notice or until June 30, 1915, at a salary of one hundred twenty dollars (\$120) a month. (February 22, 1915.)

Rowland, Floyd E., Student Assistant in Chemistry, for five months beginning February 1, 1915, at a salary of ten dollars (\$10) a month. (February 20, 1915.)

Spindler, George W., Assistant in German, on part time, for the second semester of the current academic year, with an honorarium of one hundred twenty-five dollars (\$125) for teaching one class during the semester. (March 1, 1915.)

\* The date in parenthesis is the date on which the appointment was made by the President of the University.

Stipp, Maude, Assistant Bookkeeper in the Office of the Comptroller, at a salary of fifty dollars (\$50) a month, beginning February 1, 1915, and continuing until further notice, subject to the rules of the Civil Service Commission. (February 20, 1915.)

Stolfa, Ladislaw, Student Assistant in the Pharmacologic Laboratory in the College of Medicine, to render three hours' service a week during the second semester of the current academic year, with an honorarium of twenty-five dollars (\$25) for the semester. (February 26, 1915.)

Stone, Charles H., Loan Assistant in the Library, on one-half time, at a salary of thirty-seven and one-half dollars (\$37.50) a month, beginning February 3, 1915, or as soon as he reports for duty, and continuing until August 31, 1915. (February 3, 1915.)

Tark, Leo A., Student Assistant in Experimental Medicine, beginning February 8, 1915, and continuing to June 16, 1915, at the rate of thirty cents (.30) an hour for service not to exceed twelve hours a week. (February 9, 1915.)

Westlund, Albert F., Assistant in General Engineering Drawing, beginning when he reports for duty and continuing until June 1, 1915, at a salary of one hundred dollars (\$100) a month. (February 12, 1915.)

Wilcox, Roy H., Assistant in Animal Husbandry in the College of Agriculture and the Agricultural Experiment Station, beginning February 1, 1915, and continuing until August 31, 1915, with a salary at the rate of one thousand dollars (\$1,000) a year. (February 2, 1915.)

Wright, George E., Draftsman in the Office of the Supervising Architect, on temporary appointment, beginning February 1, 1915, and continuing until further notice, with salary at the rate of one hundred forty dollars (\$140) a month; this appointment superseding his previous appointment at the rate of one hundred twenty-five dollars (\$125) a month. (February 15, 1915.)

#### RATE OF INTEREST ON TREASURER'S BALANCES.

Mr. Hoit presented for the Finance Committee a request from Treasurer M. W. Busey that he be released from his obligation to pay interest on daily balances in his hands [see Report of 1914, p. 206], with the recommendation from the committee that the rate of interest to be paid by the Treasurer on daily balances during the biennium just ending be fixed at one per cent.

Miss Watson offered the motion that the recommendation of the Finance Committee be concurred in. The matter was discussed at some length. Mrs. Henrotin moved as a substitute that the matter be referred to the new Finance Committee. The substitute motion was adopted.

#### TREASURER'S REPORT.

Mr. Hoit also presented for the Finance Committee the Treasurer's report for the quarter ending December 31, 1914. This report was received for record.

M. W. BUSEY, TREASURER, IN ACCOUNT WITH THE UNIVERSITY OF ILLINOIS  
DEC. 31, 1914.

*Dr.*

1914			
Oct.	1	Total balance on hand.....	\$212,811 14
	2	Received from O. E. Staples, Bursar, for credit of general fund	\$4,473 44
	2	Same .....	921 62
	3	Same .....	535 18
	5	Same .....	1,435 33
	6	Same .....	2,720 35
	7	Same .....	533 39
	8	Same .....	2,166 41
	9	Same .....	209 02
	10	Same .....	346 87
	12	Same .....	182 73
	14	Same .....	559 00
	14	Same .....	663 06
	17	Same .....	739 13
	17	Same .....	275 15
	17	Same .....	146 09
	19	Same .....	255 50
	21	Same .....	713 15
	21	Same .....	247 31
	22	Same .....	3,319 19
	23	Same .....	235 47
	24	Same .....	230 63
	26	Same .....	261 50
	27	Same .....	183 67
	28	Same .....	949 22
	29	Same .....	215 62
	30	Same .....	209 43
	31	Same .....	196 18
Nov.	2	Same .....	222 57

## M. W. BUSEY, TREASURER, IN ACCOUNT WITH THE UNIVERSITY—Continued.

1914		<i>Dr.</i>	
Nov.	2	Received from O. E. Staples, Bursar, for credit of general fund	\$ 637 95
	2	Same	637 95
	4	Same	1 50
	5	Same	297 66
	6	Same	2,076 64
	7	Same	126 71
	9	Same	352 15
	10	Same	444 85
	11	Same	170 09
	12	Same	114 79
	13	Same	429 68
	14	Same	171 67
	17	Same	4 50
	18	Same	538 48
	19	Same	720 98
	20	Same	128 47
	21	Same	342 91
	24	Same	293 28
	24	Same	2,588 60
	25	Same	192 33
	27	Same	163 99
	28	Same	246 52
Dec.	1	(Cr. to trust fund in error)	151 93
	1	Received from L. E. Knorr, Assistant Comptroller, for credit of general fund	374 96
	2	Same	932 74
	3	Same	1,383 77
	4	Same	38 25
	5	Same	2,775 35
	8	Same	148 70
	10	Same	433 63
	10	Same	133 96
	11	Same	173 41
	12	Same	118 66
	14	Same	135 61
	15	Same	159 24
	16	Same	316 90
	17	Same	69 06
	18	Same	380 80
	19	Same	2,799 66
	21	Same	1,537 91
	22	Same	278 31
	23	Same	186 13
	24	Same	261 39
	28	Same	447 29
	30	Same	60 73
	31	Same	1,192 40
	7	Same	78 75
Oct.	2	Received from School of Pharmacy for credit of general fund	190 00
	3	Same	435 00
	6	Same	255 00
	7	Same	210 00
	8	Same	190 00
	10	Same	150 00
	14	Same	95 50
	17	Same	110 00
	23	Same	55 00
	27	Same	55 00
	31	Same	110 00
Nov.	5	Same	80 00
	7	Same	82 50
	11	Same	70 00
	28	Same	80 00
Dec.	1	Same	115 00
	2	Same	270 00
	3	Same	50 00
	4	Same	90 00
	8	Same	150 00
	9	Same	102 50
	11	Same	70 00
	15	Same	113 45
	22	Same	60 00
	26	Same	15 00
Oct.	6	Received from College of Medicine for credit of general fund	6,819 80
	6	Same	845 65
	7	Same	4,287 90
	8	Same	2,480 25
	9	Same	2,830 00
	12	Same	1,590 00
	14	Same	742 90
	17	Same	710 00
	26	Same	696 80
Nov.	5	Same	824 50

## M. W. BUSEY, TREASURER, IN ACCOUNT WITH THE UNIVERSITY—Continued.

1914		Dr.	
Nov.	16	Received from College of Medicine for credit of general fund	\$ 648 70
	28	Same	491 20
	28	Same	491 20
Dec.	4	Same	154 60
	14	Same	275 95
	18	Received from School of Pharmacy for credit of general fund	35 00
Oct.	6	Received from School of Dentistry for credit of general fund	865 00
	6	Same	472 55
	8	Same	624 00
	9	Same	180 00
	12	Same	155 00
	14	Same	240 00
	17	Same	425 00
	26	Same	723 95
Nov.	5	Transferred from trust funds to general fund for credit of School of Dentistry	732 55
	16	Received from School of Dentistry for credit of general fund	754 45
	27	Same	425 00
	5	Transferred to general fund from trust funds	20 00
Dec.	4	Received from School of Dentistry for credit of general fund	636 55
	14	Same	811 25
Oct.	17	Transferred from United States Agricultural Station Fund to general fund	17 35
	2	Deposited to Agricultural Experiment Station Fund by O. E. Staples, Bursar	17 35
	12	Deposited by United States Treasurer for credit of Agricultural Experiment Station Fund	7,500 00
Dec.	16	Deposited to Agricultural Experiment Station Fund by L. E. Knorr, Assistant Comptroller	31 51
Oct.	2	Deposited by O. E. Staples, Bursar, for credit of trust funds	494 85
	3	Same	68 62
	6	Same	116 75
	12	Same	2 00
	12	Same	9 80
	12	Same	1 50
	12	Same	5 50
	12	Same	25 50
	14	Same	7 60
	14	Same	2 00
	16	Same	2 00
	17	Same	16 20
	19	Same	39 15
	21	Same	28 50
	22	Same	16 20
	23	Same	31 00
	24	Same	22 87
	26	Same	18 00
	27	Same	1 50
	28	Same	164 10
	29	Same	140 90
	30	Same	12 70
	31	Same	16 70
	17	Transferred from general fund to trust funds by Bursar	17,775 20
	17	Same	777 60
	17	Same	50 60
Nov.	2	Deposited by O. E. Staples, Bursar, for credit of trust funds	21 20
	3	Same	34 40
	4	Same	130 44
	5	Same	18 00
	6	Same	35 50
	7	Same	21 20
	9	Same	140 48
	9	Transferred from general fund	2 00
	10	Deposited by O. E. Staples, Bursar, for credit of trust funds	17 20
	11	Same	47 86
	13	Same	16 20
	14	Same	21 50
	18	Same	30 00
	20	Same	50
	24	Same	16 50
	27	Same	28 70
	28	Same	5 50
	20	Transferred from general fund	97 20
Dec.	2	Received from L. E. Knorr, Assistant Comptroller, for credit of trust funds	37 70
	2	Same	50 10
	3	Same	50
	4	Same	2 50
	5	Same	45 50
	8	Same	26 00
	10	Same	50
	11	Same	45 00
	12	Same	16 20

## M. W. BUSEY, TREASURER, IN ACCOUNT WITH THE UNIVERSITY—Concluded.

1914		<i>Dr.</i>		
Dec. 12	Received from L. E. Knorr, Assistant Comptroller, for credit of trust funds.....		\$ 1 00	
15	Same .....		5 50	
16	Same .....		33 28	
17	Same .....		136 70	
18	Same .....		5 00	
19	Same .....		10 00	
21	Same .....		30 28	
22	Same .....		50	
23	Same .....		50	
28	Same .....		1 00	
30	Same .....		500 00	
31	Same .....		5 25	
				<u>\$110,513 04</u>
1914		<i>Cr.</i>		
Dec. 31	By amount paid out of general funds as per list of warrants herewith.....	\$93,430 37		
31	By amount paid out of Agricultural Experiment Station Fund as per list of warrants herewith .....	7,104 60		
31	By amount paid out of trust funds as per list of warrants herewith.....	21,836 05		
				<u>\$122,371 02</u>
Balances—				
General fund .....		\$193,484 76		
Agricultural Experiment Station Fund.....		3,352 01		
Trust funds .....		3,982 94		
College of Medicine.....		133 75		
				<u>200,953 46</u>
				<u>\$323,324 48</u>

Respectfully submitted,

M. W. BUSEY, *Treasurer.*

## BUDGET, 1914-15.

President James presented the budget of the University for the fiscal year beginning June 1, 1914, and ending June 30, 1915, with the following prefatory statement:

The budget for the present year has been delayed much beyond the usual time, as was the budget for last year, because, among other things, of the uncertainty as to the interpretation which State officials might place upon the wording of the appropriation bills; and also because of the possible demand of the State Auditor upon the Treasurer of the University that the income of the University derived from student fees, Federal appropriations, gifts, etc., should be turned into the State treasury.

The form of the appropriation bill for this biennium was very different from that of preceding bills, and in such cases there is always an uncertain element until, by daily application of the law, definite meaning has been assigned to the various terms used. If the Trustees had been compelled by the decision of the court to allow the call of the State Auditor for the funds in the hands of the University Treasurer, it would have been impossible to make up a budget for the present year without a very great deficit.

The balance of \$21,273.74 indicated in the budget as submitted to the board [page 209] is what I should call a bookkeeper's balance pure and simple. It is ascertained by setting over against the total estimated income of the University during the year, the total estimated expenditure and taking the difference. This would be a true balance if all the income of the University were at the disposal of the Trustees to expend at their discretion, but as a matter of fact the funds are, in many cases, limited to certain purposes. The Hatch Fund, for example, is limited to the Agricultural Experiment Station; the appropriation for the veterinary clinic to that same purpose.

As a result of this legal distribution of the funds the year's financial operations will show larger surpluses in some accounts than the balance above indicated, while other accounts will show overdrafts.

The passage of the law providing a mill tax for the support of the University has made it possible for the Trustees to plan for expenditures which have not yet been provided for by appropriations. This is especially true in the case of buildings.

The budget contains, for bookkeeping purposes, the items for the State Water Survey and the Miners' and Mechanics' Institutes, though the expenses for these departments of work are provided for by special appropriation.

The Board of Trustees found it necessary to expend a larger sum upon the extension and equipment of the heat, light, and power plant than had been originally contemplated, and this reduced the proposed expenditures for other purposes; as, for example, the vivarium, which has not yet advanced beyond the plans.

The increase in the expense of the Military Department has been most marked, owing to the increasing number in the regiment, the desire to make better provision for the department, and the charging to this department of certain items which belong properly to this account, but which have formerly been charged to other accounts.

We have been compelled to propose a reduction in the appropriation for the museums from \$15,000 to \$7,500, but it is hoped that we may be able to make this partially good before the end of the year. It is very desirable that much more money should be spent in making collections in various departments and making those collections which we already have more available for students and faculty.

Speaking generally, the budget for the present year is essentially the same as that for the past year.

### BUDGET.

#### SUMMARY.

A. Total estimated income.....	\$2,864,292 08
B. Total estimated expenditure.....	2,842,518 34
Balance .....	\$21,773 74

#### A. INCOME.

##### I. Federal Sources.

1. Endowment fund .....	\$32,400 00
2. Morrill Fund .....	25,000 00
3. Nelson Fund .....	25,000 00
4. Hatch Fund .....	15,000 00
5. Adams Fund .....	15,000 00

Total, Federal sources..... \$ 112,400 00

##### II. State Appropriations.

6. Operation, maintenance and equipment....	\$1,600,000 00
7. Buildings, land and equipment.....	650,000 00
8. Water survey .....	21,500 00
9. Miners' and Mechanics' Institutes.....	15,000 00

Total, State appropriations..... 2,286,500 00

##### III. Interest on Daily Bank Balances.

10. Interest .....	12,000 00
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##### IV. Departmental Sales.

11. Agricultural College and Experiment Station—	
a. Agronomy .....	\$10,000 00
b. Animal Husbandry .....	21,000 00
c. Dairy Husbandry .....	63,000 00
d. Horticulture .....	2,500 00
e. Cafeteria .....	13,000 00
f. General .....	500 00

Total, Agricultural College and Experiment Station .....

\$110,000 00

12. Engineering College and Experiment Station .....	2,500 00
13. Physical plant .....	5,000 00
14. Colleges of Medicine and Dentistry.....	6,500 00

##### 15. Miscellaneous—

a. Blueprinting and photog- raphy .....	\$1,000 00
b. Library fines .....	200 00
c. Orchestra concerts .....	4,000 00
d. <i>Philology, Journal of Eng-         lish and Germanic</i> .....	1,000 00
e. Sale of Pharmacy lots.....	3,500 00
f. State water survey.....	500 00

Total, miscellaneous..... 10,200 00

Total, departmental sales..... 134,200 00

##### V. Student Fees.

16. Urbana departments .....	\$160,000 00
17. Medicine .....	44,000 00
18. Dentistry .....	12,000 00
19. Pharmacy .....	17,200 00

Total, student fees..... 233,200 00



## A. INCOME—Concluded.

## VI. Balance, July 1, 1914.

## 20. Restricted as to use—

## a. State appropriations of 1912-

13

b. Trust funds ..... \$34,241 82

..... 3,451 31

\$37,693 13

21. Water survey, 1913-14..... 2,310 56

22. Miners' and Mechanics' Institutes, 1913-14.. 5,473 58

23. Available for any purpose..... 43,966 12

\$89,443 39

Deduct: Balance available for trust fund pur-  
poses only ..... 3,451 31

Total, balance ..... \$85,992 08

Grand total, income..... \$2,864,292 08

## B. EXPENDITURE.

## SUMMARY.

	Salaries.	Expense and equipment.	Total.
1. Land and land improvements.....		\$ 27,200 00	\$ 27,200 00
2. Buildings .....		352,190 61	352,190 61
3. Furniture, fixtures and equipment..		21,775 00	21,775 00
4. Library additions .....		65,000 00	65,000 00
5. Physical plant extension.....		80,050 00	80,050 00
6. Physical plant operation and main- tenance .....	\$ 15,741 53	180,300 00	196,041 53
7. Administrative offices .....	51,930 00	26,550 00	78,480 00
8. General departments .....	89,337 00	25,534 00	114,871 00
9. Publications and general expenses..		71,175 00	71,175 00
10. College of Liberal Arts and Sciences	375,124 67	76,711 33	451,836 00
11. Agricultural College and Experi- ment Station .....	262,289 32	397,183 25	659,472 57
12. Engineering College and Experi- ment Station .....	222,718 16	71,766 67	294,484 83
13. Colleges of Medicine and Dentistry	92,052 00	87,015 40	179,067 40
14. Graduate School .....	30,741 60	21,720 00	52,461 60
15. Other colleges and departments—			
College of Law.....	23,232 90	8,300 00	31,532 90
School of Library Science.....	7,274 80	1,000 00	8,274 80
School of Music.....	18,349 88	1,860 00	20,209 88
School of Pharmacy.....	10,966 46	13,350 00	24,316 46
Courses in Commerce .....	31,033 08	5,000 00	36,033 08
Summer Session .....	22,500 00	2,500 00	25,000 00
16. Water survey .....	21,000 00	10,920 67	31,920 67
17. Miners' and Mechanics' Institutes...	11,500 00	9,625 01	21,125 01
Grand total, expenditures.....	\$1,285,791 40	\$1,556,726 94	\$2,842,518 34

## I. LAND AND LAND IMPROVEMENTS.

Land .....	\$21,500 00
Campus lighting .....	2,700 00
Pavements and walks.....	3,000 00

Total, land and land improvements..... \$27,200 00

## II. BUILDINGS.

New Armory .....	\$ 67,000 00
Administration Building .....	200,000 00
Chemistry Laboratory addition.....	10,300 00
Auditorium .....	2,500 00
Old Armory .....	22,847 25
Botany Greenhouse .....	22,550 42
Library Stacks addition.....	2,461 20
Observatory .....	889 74
Lincoln Hall .....	2,100 00
Storehouse .....	2,000 00
Zoology Vivarium .....	
Miscellaneous: Ceramics, Mining, Music, Education, Residence Hall, Natural History Hall.....	4,000 00

Total, buildings 1914-15..... \$336,648 61

## Balances from 1911-13 building appropriations—

Clinic Building .....	4,925 72
Cold storage .....	9,000 00
Commerce Building .....	1,600 04
Law Building .....	16 24

Total, buildings , , , , , \$352,190 61

**III. FURNITURE, FIXTURES, AND EQUIPMENT.**

General furniture and fixtures.....	\$ 4,000 00
Pipe organ .....	16,275 00
Panama Exposition exhibit.....	1,500 00

Total, furniture, fixtures and equipment..... \$21,775 00

**IV. LIBRARY ADDITIONS.**

Library additions ..... \$65,000 00

**V. PHYSICAL PLANT EXTENSION.**

Fire protection equipment.....	\$ 400 00
Heating and lighting plant additions and equipment...	50,000 00
Telephone extension .....	1,200 00
Tunnel extension .....	8,000 00
Heat, light and water extension.....	20,000 00
Auto truck .....	450 00

Total, physical plant extension..... \$80,050 00

Total, land, buildings and general equipment..... \$546,215 61

**VI. PHYSICAL PLANT OPERATION AND MAINTENANCE.**

Salaries .....	\$22,891 53
Wages .....	13,000 00

\$35,891 53

Less: Salaries and wages chargeable to building appropriations and physical plant extension accounts..... 20,150 00

\$15,741 53

Office expense .....	1,500 00
Office equipment .....	700 00
Heat, light and power.....	75,000 00
Building operation (janitor service and supplies).....	40,000 00
Building repairs .....	30,000 00
Grounds (wages and supplies).....	10,000 00
Fire protection (wages, maintenance of equipment).....	3,600 00
Telephone exchange (wages, maintenance of equipment).....	3,000 00
Water Station (wages, maintenance of equipment).....	1,500 00
General operation (including police service, teaming, and incidentals)	15,000 00

Total, physical plant operation and maintenance..... \$196,041 53

**VII. ADMINISTRATIVE OFFICES.**

	Salaries.	Expense and equipment.	Total.
1. Board of Trustees—			
Quarterly audit .....		\$1,600 00	
Other expense .....		6,000 00	\$ 7,600 00
2. Office of the President.....	\$19,500 00	4,000 00	23,500 00
3. Office of the Vice President.....	1,000 00	500 00	1,500 00
4. Business office .....	17,810 00	6,500 00	24,310 00
5. Registrar's office .....	12,320 00	6,300 00	18,620 00
6. Legal Counsel .....	1,000 00	400 00	1,400 00
7. Council of Administration.....		500 00	500 00
8. Treasurer's office .....		600 00	600 00
9. University Senate .....		100 00	100 00
10. Adviser to Foreign students.....	300 00	50 00	350 00
Total, administrative offices....	\$51,930 00	\$26,550 00	\$78,480 00

**VIII. GENERAL DEPARTMENTS.**

	Salaries.	Expense and equipment.	Total.
1. Library .....	\$47,374 59	\$9,500 00	\$56,874 59
2. Dean of Men.....	8,110 00	5,050 00	13,160 00
3. Dean of Women.....	1,866 60	400 00	2,266 60
4. Physical Training for Men.....	11,606 52	2,300 00	13,906 52
5. Physical Training for Women.....	6,420 00	500 00	6,920 00
6. Military .....	*5,476 00	3,024 00	8,500 00
7. High School Visitor.....	5,483 29	1,900 00	7,383 29
High School Conference.....		1,500 00	8,883 29
8. High School Oratorical Contest.....		360 00	360 00
9. Blueprinting and Photography.....	3,000 00	1,000 00	4,000 00
Total, general departments....	\$89,337 00	\$25,534 00	\$114,871 00

\* Including band scholarships, \$3,000.

## IX. PUBLICATIONS AND GENERAL EXPENSES.

1. Publications—		
Printing and mailing catalogs, etc.....	\$12,000 00	
Directors of Matriculants.....	2,500 00	
<i>Alumni Quarterly</i> .....	1,000 00	
News Bulletin .....	1,000 00	
Students' Handbook .....	300 00	
Total, publications .....		\$16,800 00
2. General expenses—		
Lectures .....	\$ 3,000 00	
Incidentals and emergency fund.....	35,000 00	
Concerts .....	5,000 00	
Convocations, etc. ....	1,000 00	
Refunds to students.....	8,500 00	
Gregory memorial .....	500 00	
Receptions and social functions.....	250 00	
Towel system, gymnasium.....	1,000 00	
Civil Service Medical Examiner.....	125 00	
Total, general expenses.....		54,375 00
Total, publications and general expenses.....		\$71,175 00

## X. COLLEGE OF LIBERAL ARTS AND SCIENCES.

	Salaries.	Expense and equipment.	Total.
1. Administration .....	\$ 7,256 66	\$ 2,100 00	\$ 9,356 66
2. Art and design.....	5,600 00	600 00	6,200 00
3. Astronomy .....	5,250 00	700 00	5,950 00
4. Bacteriology .....	3,690 00	2,100 00	5,790 00
5. Botany .....	20,150 00	6,400 00	26,550 00
6. Ceramics .....	8,050 00	6,900 00	14,950 00
Cooperative investigation .....		1,300 00	1,300 00
7. Chemistry .....	59,200 00	31,000 00	90,200 00
8. Classics .....	15,000 00	300 00	15,300 00
9. Education .....	17,108 01	3,500 00	20,608 01
10. English .....	51,666 67	2,000 00	53,666 67
11. Entomology .....	8,400 00	928 00	9,328 00
12. Geology .....	12,100 00	1,600 00	13,700 00
13. German .....	25,416 67	200 00	25,616 67
14. History .....	22,116 67	225 00	22,341 67
15. Mathematics .....	32,800 00	700 00	33,500 00
16. Physiology .....	4,283 33	1,550 00	5,833 33
17. Philosophy .....	9,700 00	100 00	9,800 00
18. Political Science .....	10,133 33	125 00	10,258 33
19. Psychology .....	7,500 00	2,100 00	9,600 00
20. Romance Languages .....	19,875 00	150 00	20,025 00
21. Sociology .....	4,783 33	300 00	5,083 33
22. Zoology .....	24,378 33	5,000 00	29,378 33
23. Museum of Natural History.....	666 67	1,833 33	2,500 00
24. Museum of European Culture.....		2,500 00	2,500 00
25. Museum of Classical Art and Archeology .....		2,500 00	2,500 00
Total, College of Liberal Arts and Sciences .....	\$375,124 67	\$76,711 33	\$451,836 00

## XI. COLLEGE OF AGRICULTURE AND AGRICULTURAL EXPERIMENT STATION.

## I. INCOME.

1. State college funds.....		\$222,740 00
2. State station funds—		
a. Live stock investigations.....	\$31,000 00	
b. Crop investigations .....	18,500 00	
c. Soil investigations .....	96,000 00	
d. Horticulture investigations .....	21,000 00	
e. Dairy investigations .....	21,000 00	
f. Floriculture investigations .....	8,000 00	
Total, State station funds.....		195,500 00
3. Interest on endowment ( $\frac{1}{2}$ ).....		16,200 00
4. Morrill Fund of 1890 ( $\frac{1}{2}$ ).....		12,500 00
5. Nelson Fund ( $\frac{1}{2}$ ).....		12,500 00
6. Hatch Fund .....		15,000 00
7. Adams Fund .....		15,000 00
8. Departmental sales—		
a. Agronomy .....	\$10,000 00	
b. Animal Husbandry .....	21,000 00	
c. Dairy Husbandry .....	63,000 00	
d. Horticulture .....	2,500 00	
e. Cafeteria .....	13,000 00	
f. General .....	500 00	
Total, departmental sales.....		110,000 00

# **XI. COLLEGE OF AGRICULTURE AND AGRICULTURAL EXPERIMENT STATION—Continued.**

9. Cash balances—		
a. Agricultural Buildings .....	\$16,409	66
b. Agricultural College—		
(1) Administration .....	\$	857 90
(2) Agricultural extension .....		464 22
(3) Agronomy .....		1,372 47
(4) Animal Husbandry .....		6,475 85
(5) Animal Husbandry, specimens .....		2,466 69
(6) Dairy Husbandry .....		1,446 20
(7) Dairy Husbandry, specimens..		537 00
(8) Dairy Creamery .....		6,964 58
(9) Horticulture .....		6 24
(10) Household Science .....		5,044 58
(11) Household Science, cafeteria..		2,125 62
(12) Veterinary Science .....		209 62
Total, college balances.....	27,970	97
c. Agricultural Experiment Station—		
(1) Animal Husbandry .....	\$6,422	41
(2) Agronomy, experiment station, crops .....	4,989	06
(3) Agronomy, experiment station, soils .....	*3,878	94
(4) Dairy .....		27 08
(5) Horticulture .....		28
(6) Floriculture .....		59 34
Total, station balances.....	\$15,377	11
d. Adams Fund receipts—		
(1) Animal Husbandry .....	274	83
Total, cash balances.....		\$60,032 57
Total, income .....		\$659,472 57

## **II. EXPENDITURE.**

1. Administration and General.		
a. College funds—†		
(1) Salaries—		
Dean and Director‡....	\$5,000	00
Secretary to Dean.....	840	00
Editor of Press Bulletin .....	2,300	00
(2) Maintenance—		
General .....	7,600	00
Press service .....	1,200	00
Total from college funds.....	\$16,940	00
b. Hatch Fund—		
(1) Salaries—		
Director† .....	\$1,000	00
Secretary to Director...	900	00
Assistant Secretary, Ag- ricultural Experiment Station .....	1,200	00
(2) Maintenance—		
General .....	900	00
Botany investigation (Burrill) .....	2,500	00
Total from Hatch Fund.....	6,500	00
c. Adams Fund: Statistical investigations—		
(1) Salaries—		
Statistician .....	\$1,200	00
Assistants .....	300	00
(2) Maintenance .....	500	00
Total from Adams Fund.....	2,000	00
d. Balance from 1913-14—		
(1) Maintenance .....	857	00
Total, administrative and general.....	\$26,297	90
2. Agricultural Extension.		
a. College funds .....	\$20,000	00
b. Balance from 1913-14.....	464	22
Total, agricultural extension.....	20,464	22

\* \$20,000 of a total balance of \$23,878.94; is not reappropriated.

† Under "College Funds" are included items 1, 3, 4 and 5 under Income, supra.

‡ Total salary of Dean and Director, \$6,000.

# **XI. COLLEGE OF AGRICULTURE AND AGRICULTURAL EXPERIMENT STATION—Continued:**

## **3. Agronomy.**

a. College funds—		
(1) Salaries for maintenance (general) .....	\$38,300 00	
(2) Farm mechanics .....	12,500 00	
Total from college funds.....		\$50,800 00
b. State station funds—		
(1) Crop investigations .....	\$18,500 00	
(2) Soil investigations .....	96,000 00	
Total from State station funds .....	\$114,500 00	
c. Hatch Fund—		
(1) Salaries and maintenance.	2,500 00	
d. Balance from 1913-14—		
(1) Maintenance .....	1,372 47	
(2) Crop investigation .....	4,989 06	
(3) Soil investigation .....	3,878 94	
Total balance .....		10,240 47
Total, Agronomy .....		\$178,040 47

## **4. Animal Husbandry.**

a. College funds—		
Salaries and maintenance (general).....	\$61,200 00	
b. State station funds—		
Live stock investigations.....	31,000 00	
c. Adams Fund—		
Nutrition and breeding.....	8,500 00	
d. Balance from 1913-14—		
Maintenance .....	\$6,475 85	
Live stock specimens.....	2,466 69	
Live stock investigations.....	6,422 41	
Nutrition and breeding.....	274 83	
Total balance .....		15,639 78
Total, Animal Husbandry.....		116,339 78

## **5. Dairy Husbandry.**

a. College funds—		
Salaries and maintenance (general).....	\$29,600 00	
b. State station fund—		
Dairy investigations .....	21,000 00	
c. Hatch Fund—		
Salaries and maintenance.....	6,000 00	
d. Balance from 1913-14—		
Maintenance .....	*\$8,410 78	
Dairy investigations .....	27 08	
Dairy specimens .....	537 00	
Total, balance .....		8,974 86
Total, Dairy Husbandry.....		65,574 86

## **6. Horticulture.**

a. College funds—		
Salaries and maintenance (general).....	\$56,600 00	
b. State station fund—		
Horticulture investigations ...	\$21,000 00	
Floriculture investigations ...	8,000 00	
Total from station funds.....		29,000 00
c. Adams Fund—		
Plant breeding .....	4,500 00	
d. Balance from 1913-14—		
Maintenance .....	\$ 6 24	
Horticulture investigations ...	28	
Floriculture investigations ...	59 34	
Total, balance .....		65 86
Total, Horticulture .....		90,165 86

## **7. Household Science.**

a. College funds—		
Salaries and maintenance.....	\$26,000 00	
b. Balance from 1913-14—		
Maintenance .....	†7,170 20	
Total, Household Science.....		33,170 20

\* "Dairy" \$1,446.20; "Dairy Creamery" \$6,964.58; total \$8,410.78.

† "Household Science" \$5,044.58; "Household Science Cafeteria" \$2,125.62; total, \$7,170.20.

# **XI. COLLEGE OF AGRICULTURE AND AGRICULTURAL EXPERIMENT STATION—Concluded.**

<b>8. Veterinary Science.</b>		
a. College funds—		
Salaries and maintenance.....	\$2,800 00	
b. Balance from 1913-14—		
Maintenance .....	209 62	
Total, Veterinary Science.....		\$ 3,009 62
<b>9. Buildings.</b>		
a. Balance from 1913-14.....		16,409 66
<b>10. Departmental Sales, additional expense from income of.</b>		
Agronomy .....	\$10,000 00	
Animal Husbandry .....	21,000 00	
Dairy Husbandry .....	63,000 00	
Horticulture .....	2,500 00	
Cafeteria .....	13,000 00	
General .....	500 00	
Total, expense from income of sales.....		110,000 00
Total, College of Agriculture and Agricultural Experiment Station .....		\$659,472 57

## **RECAPITULATION BY DEPARTMENTS: COLLEGE OF AGRICULTURE AND AGRICULTURAL EXPERIMENT STATION.**

1. Administration .....	\$ 26,297 90
2. Agricultural extension .....	20,464 22
3. Agronomy .....	178,040 47
4. Animal Husbandry .....	116,339 78
5. Dairy Husbandry .....	65,574 86
6. Horticulture .....	90,165 86
7. Household Science .....	33,170 20
8. Veterinary Science .....	3,009 62
9. Buildings .....	16,409 66
10. Departmental sales, expense from income of.....	110,000 00
Total .....	\$659,472 57

# **XII. COLLEGE OF ENGINEERING AND ENGINEERING EXPERIMENT STATION.**

	Salaries.	Expense and equipment.	Total.
<b>1. College.</b>			
a. Administration .....	\$ 4,450 00	\$ 4,000 00	\$ 8,450 00
b. Architecture .....	29,824 64	3,900 00	33,724 64
c. Civil Engineering .....	22,916 21	1,800 00	24,716 21
d. Electrical Engineering .....	19,536 92	5,800 00	25,336 92
e. General Engineering Drawing..	9,659 88	1,100 00	10,759 88
f. Mechanical Engineering .....	44,645 96	12,000 00	56,645 96
g. Mining Engineering .....	10,679 88	5,500 00	16,179 88
h. Cooperative Mines Investigation	2,250 00	2,750 00	5,000 00
i. Theoretical and Applied Mechanics .....	22,583 33	5,416 67	28,000 00
j. Physics .....	26,624 64	6,000 00	32,624 64
k. Railway Engineering .....	11,559 84	3,500 00	15,059 84
Total, college .....	\$204,731 30	\$51,766 67	\$256,497 97
<b>2. Experiment Station .....</b>	17,986 86	*20,000 00	37,986 86
Total, college and station..	\$222,718 16	\$71,766 67	\$294,484 83

## **XIII. COLLEGES OF MEDICINE AND DENTISTRY.**

<b>1. General.</b>		
Salaries .....	\$43,242 00	
Administration .....	2,060 00	
Physical plant .....	28,541 00	
Laboratory supplies .....	3,000 00	
Anatomy .....	1,525 00	
Physiology .....	1,000 00	
Chemistry .....	3,050 00	
Microscope purchases .....	6,000 00	
Total, general .....		\$88,418 00

\* Including fellowships, \$5,000.

## XIII. COLLEGES OF MEDICINE AND DENTISTRY—Concluded.

<b>2. Medical.</b>		
Salaries .....	\$29,870 00	
Administration .....	4,435 00	
Pathology .....	1,200 00	
Pharmacology .....	1,000 00	
Research .....	1,737 00	
Medicine .....	700 00	
Surgery .....	1,400 00	
Obstetrics .....	1,500 00	
Roentgenology .....	1,400 00	
Dispensary .....	2,000 00	
Library .....	4,050 00	
Total, medical .....		\$49,292 00
<b>3. Dental.</b>		
Salaries .....	\$18,940 00	
Administration .....	2,576 00	
Oral Surgery and Pathology .....	300 00	
Operative Dentistry .....	200 00	
Prosthetic Dentistry .....	300 00	
Histology and Orthodontia .....	500 00	
Bacteriology .....	700 00	
Infirmery .....	3,600 00	
Radiology .....	700 00	
Total, dental .....		27,816 00
<b>4. Mortgage interest</b> .....		13,541 40
Total, Colleges of Medicine and Dentistry .....		\$179,067 40

## XIV. GRADUATE SCHOOL.

<b>1. Salaries—</b>		
Administration and research .....	\$6,250 00	
Illinois survey .....	1,400 00	
Civil Service .....	1,166 60	
		\$ 8,816 60
<b>2. Scholarships and fellowships</b> .....		21,925 00
<b>3. Research grants</b> .....		720 00
<b>4. Expenses—</b>		
Printing, postage and office supplies .....	\$1,000 00	
University Studies: Miscellaneous, Social Science, Biological, and Language and Literature Series .....	4,000 00	
Traveling expenses .....	200 00	
<i>Journal of English and Germanic Philology</i> .....	1,500 00	
Emergency research .....	5,000 00	
Library equipment .....	3,500 00	
Illinois survey .....	3,000 00	
Clerical help .....	300 00	
Crockerland expedition .....	2,500 00	
		21,000 00
Total, Graduate School .....		\$52,461 60

## XV. OTHER COLLEGES AND DEPARTMENTS.

	Salaries.	Expense and equipment.	Total.
<b>1. College of Law</b> .....	\$23,232 90	\$3,300 00 }	\$31,532 90
Library .....		5,000 00 }	
<b>2. School of Library Science</b> .....	6,674 80	1,000 00 }	8,274 80
Summer Session .....	600 00		
<b>3. School of Music</b> .....	18,349 88	1,860 00 }	20,209 88
<b>4. School of Pharmacy</b> .....	10,966 46	6,500 00 }	24,316 46
Physical plant .....		6,850 00 }	
<b>5. Courses in Commerce</b> .....	31,033 08	5,000 00 }	36,033 08
<b>6. Summer Session</b> .....	22,500 00	2,500 00 }	25,000 00
Total .....	\$113,357 12	\$32,010 00	\$145,367 12

## XVI. STATE WATER SURVEY.

<b>Resources—</b>		
Balance July 1, 1914—		
In State appropriation .....	\$2,310 56	
In University appropriation .....	110 11	
		\$ 2,420 67
<b>Appropriations for 1914-15—</b>		
State .....	\$21,500 00	
University .....	7,500 00	
Fees (estimated) .....	500 00	
		29,500 00
Total, resources .....		\$31,920 67

**XVI. STATE WATER SURVEY—Concluded.**

<b>Expenses—</b>	
Salaries .....	\$21,000 00
Traveling expenses .....	3,500 00
Office and general .....	4,420 67
Extra employees .....	3,000 00
<hr/>	
Total, expenses .....	\$31,920 67

**XVII. MINERS' AND MECHANICS' INSTITUTES.**

<b>Resources—</b>	
Balance, July 1, 1914.....	\$ 6,125 01
State appropriation for 1914-1915.....	15,000 00
<hr/>	
Total, resources .....	\$21,125 01
<hr/>	
<b>Expenses—</b>	
Salaries .....	\$11,500 00
General expense and equipment.....	9,625 01
<hr/>	
Total, expenses .....	\$21,125 01

**PRESENTATION OF NEEDS, COLLEGE OF MEDICINE.**

During the reading of the budget, Professors Steele, Dreyer, Wood, Williamson, and Bacon, of the Faculty of the College of Medicine, who had been asked by President James to present the needs of the College of Medicine, were introduced. Each one set forth the needs of his own department and also the general need of better library, clinical, and hospital facilities.

At this point, Superintendent Blair withdrew.

**APPROVAL OF THE BUDGET.**

After discussion of provisions of the budget, and upon motion of Miss Watson, the budget was approved and the President of the University was authorized to make transfers of funds from one department to another when necessary to meet overdrafts, in order to keep the total expenditure within the total income shown in the budget. The vote was as follows: Ayes, Mr. Abbott, Mrs. Busey, Mrs. Evans, Mrs. Henrotin, Mr. Hoit, Mr. Moore, Miss Watson; noes, none; absent, Mr. Blair, Mr. Dunne, Mr. Hopkins, Mr. Meeker, Mr. Trevett.

On motion of Mrs. Henrotin, the board adjourned.

W. L. ABBOTT, *President*.

H. E. CUNNINGHAM, *Secretary*.



## MEETING OF MARCH 9, 1915.

The annual meeting of the Board of Trustees of the University of Illinois was called to meet in the Trustees' Room, at the University, in Urbana, at 12.30 p. m., on Tuesday, March 9, 1915.

When the board convened, all the members were present, namely, Mr. Abbott, Superintendent Blair, Mrs. Busey, Mr. Carr, Governor Dunne, Mrs. Evans, Mrs. Henrotin, Mr. Hoit, Mr. Hopkins, Mr. Trevett, Mr. Ward, Miss Watson.

President James was present.

### MINUTES PRESENTED.

The Secretary presented the minutes of the special meeting of March 2, 1915, in the form of galley proof, the time between the special meeting and the annual meeting having been too short to permit of the presentation of the minutes in printed form.

On motion of Mrs. Busey, the consideration of the minutes for approval or disapproval was deferred until all the members of the board could be supplied with printed copies.

### ELECTION OF PRESIDENT OF THE BOARD.

The election of officers being next in order, the Secretary called for nominations for the position of President of the Board of Trustees for the ensuing year.

Mr. Hoit nominated Mr. Abbott.

Governor Dunne nominated Mr. Carr.

Mr. Carr asked to have his name withdrawn, seconded the nomination of Mr. Abbott, and moved that the Secretary be instructed to cast the ballot of the board for Mr. Abbott as President. As there was objection, the Chair declared the motion out of order. There being no further nominations, it was voted, on motion of Governor Dunne, that the nominations be closed and that the election proceed by ballot.

The board then proceeded to the ballot for the office of the President of the board. The Secretary acted as teller. The vote stood as follows: Mr. Abbott, 7; Mr. Carr, 3; Mr. Hoit, 1. Mr. Abbott was declared elected, and having expressed his appreciation of the honor conferred upon him, resumed the chair.

### ELECTION OF SECRETARY.

On motion of Mrs. Busey, Mr. Harrison E. Cunningham was reelected Secretary of the Board of Trustees for the ensuing year.

### NOMINATIONS FOR TREASURER.

Nominations for the office of Treasurer of the University for the ensuing biennium were next called for.

Mr. Hopkins nominated Mr. H. S. Capron, of Champaign.

Mrs. Henrotin nominated Mr. T. B. Webber, of Urbana.

### RATE OF INTEREST ON TREASURER'S BALANCES.

Mr. Blair moved that the following condition be imposed on the election of the Treasurer, namely, that he shall pay interest on daily balances at the rate of two per cent, such interest to be credited monthly.

Mrs. Busey having raised the question of order, the President of the board ruled that, if there were no objection, the matter could be considered at this time.

The roll was called and Mr. Blair's motion was passed by the following vote: Ayes, Mr. Abbott, Mr. Blair, Mrs. Busey, Mr. Carr, Mr. Dunne, Mrs.

Evans, Mrs. Henrotin, Mr. Hoit, Mr. Hopkins, Mr. Trevett, Mr. Ward, Miss Watson; noes, none.

#### **ALLOWANCE TO TREASURER FOR CLERK HIRE.**

Mr. Carr moved that the board reserve the right to discontinue the allowance of fifty dollars a month to the Treasurer for clerk hire. The motion was passed by the following vote: Ayes, Mr. Abbott, Mr. Blair, Mrs. Busey, Mr. Carr, Mr. Dunne, Mrs. Evans, Mrs. Henrotin, Mr. Hoit, Mr. Hopkins, Mr. Trevett, Mr. Ward, Miss Watson; noes, none.

#### **AMOUNT OF TREASURER'S BOND.**

Mrs. Busey moved that the amount of the Treasurer's bond be fixed at one million dollars. The motion was adopted by the following vote: Ayes, Mr. Abbott, Mr. Blair, Mrs. Busey, Mr. Carr, Mr. Dunne, Mrs. Evans, Mrs. Henrotin, Mr. Hoit, Mr. Hopkins, Mr. Trevett, Mr. Ward, Miss Watson; noes, none.

#### **ELECTION OF TREASURER.**

The board then proceeded to the ballot for the office of Treasurer. The President requested Mrs. Henrotin and Mr. Carr to serve as tellers. The ballot was announced as follows: Mr. Capron, 7; Mr. Webber, 5; and Mr. Capron was declared elected.

#### **ELECTION OF MEMBERS OF THE EXECUTIVE COMMITTEE.**

The President then called for nominations for two members of the Executive Committee, to constitute with the President of the board (as chairman) the Executive Committee for the ensuing year.

Mrs. Henrotin nominated Mr. Carr.

Mr. Blair nominated Mr. Hoit.

On motion the nominations were closed and the board voted to elect Mr. Carr and Mr. Hoit members of the Executive Committee for the ensuing year, and they were declared elected.

#### **ELECTION OF THE PRESIDENT OF THE UNIVERSITY.**

The next business in order being the election of the President of the University for the ensuing biennium, Mr. Blair nominated Dr. Edmund J. James, to serve at his present compensation.

On motion of Mr. Hopkins, the Secretary was instructed to cast the unanimous ballot of the board for Dr. James as President. The ballot was cast, Dr. James was declared elected, and Superintendent Blair was requested to escort the President-elect to the chair and to introduce him to the board.

President James expressed his appreciation of the honor bestowed on him.

#### **TREASURER'S BOND.**

On motion of Mrs. Busey, the Finance Committee was directed to see that the Treasurer secure a satisfactory bond in the amount of one million dollars and to report the same to the board for approval.

#### **AUTHORITY TO RECEIVE MONEYS.**

On motion of Mr. Blair, the following resolution was passed:

*Resolved*, That the Treasurer of the Board of Trustees of the University of Illinois is hereby authorized to receive and receipt for all moneys and to endorse all orders, drafts, and checks, due and payable to the said Board of Trustees, or to the said University of Illinois, and especially all drafts drawn by the Treasurer of the United States payable to the said Board of Trustees, or to the said University of Illinois, on account of the Agricultural Experiment Station of the said University.

#### **TIME OF EVENING SESSION FIXED.**

It was voted that the evening session of the meeting should be held at the Inman Hotel, in Champaign, beginning at 7.30 p. m.

At this point, Mr. Abbott, being called from the room, requested Mrs. Busey to take the chair. Mrs. Busey presided for the remainder of the afternoon.

### ASSIGNMENT OF LAND NEAR SOUTH FARM.

President James presented a communication from Dr. Eugene Davenport, Dean of the College of Agriculture and Director of the Agricultural Experiment Station, asking that the 320 acre tract known as the Busey, Pell, McCullough, and Douglas tracts, recently purchased, lying east of the South Farm and south of the roadway running along the south side of the Cemetery, be assigned to the Department of Horticulture, in accordance with a plan submitted, for the ultimate use of the work in horticulture, reserving, until further action by the board, the south eighty for other interests.

On motion of Superintendent Blair, the following resolution was adopted:

*Resolved*, That the 320 acre tract known as the Busey, Pell, McCullough, and Douglas tracts, recently purchased, be assigned in general for the ultimate use of the work in horticulture, in accordance with the plan submitted, and until further action by the board, the use of the south eighty acres to be reserved for other interests—provided that all portions of the 240 acres thus assigned which may not be immediately needed for the work in horticulture shall, so far as possible, be open to the use of other departments. Furthermore, be it

*Resolved*, That it is the opinion of the Board of Trustees that with the addition of his acreage to the University of Illinois, no additional land should be hired for the use of the College of Agriculture, or the Agricultural Experiment Station, or any department thereof, except what may be absolutely necessary for some temporary or peculiar purpose, such as meadow or pasture land immediately needed. It is further understood that the land now occupied elsewhere by the Department of Horticulture, excepting the ground occupied by the new Floriculture and Horticulture Buildings and the space immediately about them, shall be vacated as rapidly as possible for the use of other departments of the University.

At this point the board took a recess until 7.30 p. m.

### Evening Session.

When the board convened for the evening session, at the Inman Hotel, in Champaign, the following members were present: President Abbott, Mrs. Busey, Mr. Carr, Mrs. Evans, Mr. Hoit, Mrs. Henrotin, Mr. Ward, Miss Watson.

During a part of the evening, Prof. J. M. White, Supervising Architect, was present.

President James was present.

### MATTERS PRESENTED BY THE PRESIDENT OF THE UNIVERSITY.

The board proceeded immediately to the consideration of the following matters presented by President James:

#### LEASE AND OPTION, ROLAND PROPERTY.

(1) A letter from Mr. Anton Roland offering to rent to the University a tract of ground owned by him, situated in William Williamson's Addition, in Champaign, and also offering an option for purchase of this property for the period of two years:

CHAMPAIGN, ILL., March 8, 1915.

*Prof. James M. White, Supervising Architect, University of Illinois, Champaign, Ill.*

DEAR SIR: Referring to our negotiations for the rental by the University of Illinois of the tract of ground owned by me situated in Wm. Williamson's Addition: The west half (W.  $\frac{1}{2}$ ) of the southwest quarter (SW.  $\frac{1}{4}$ ) of section eighteen (18) township nineteen (19) north, range nine (9) east of the Third Principal Meridian, Champaign, Ill.; located between Fourth Street and First Street in the city of Champaign and lying south of the corporation line of said city, containing thirty-two and one-half ( $32\frac{1}{2}$ ) acres, I have to say that I will lease this tract to the University of Illinois for a period of two years at an annual rental of seven hundred (\$700) dollars, payable on July 1, 1915, and on July 1, 1916.

In consideration of the payment to me of this annual rental I will give to the Board of Trustees of the University of Illinois the option to purchase the  $32\frac{1}{2}$  acres owned by me described as herein before at the sum of fifty thousand dollars (\$50,000) and I agree to convey same on the payment to me of that sum; giving therefor good merchantable title free and clear of all incumbrance.

Yours truly,

ANTON ROLAND.

Mrs. Busey moved that the matter be referred to the Finance Committee with power to act.

Mrs. Henrotin moved to amend by substituting for the words "Finance Committee" a special committee composed of Mr. Carr, Mr. Trevett, and Prof. White.\* The amendment was accepted and the motion was passed by the following vote: Ayes, Mr. Abbott, Mrs. Busey, Mr. Carr, Mrs. Evans, Mrs. Henrotin, Mr. Hoit, Mr. Ward, Miss Watson; noes, none; absent, Mr. Blair, Mr. Dunne, Mr. Hopkins, Mr. Trevett.

#### REGULATIONS, MARGARET LANGE JAMES LOAN FUND.

(2) A draft of the proposed regulations for the administration of the Margaret Lange James Student Loan Fund recommended by the Council of Administration:

#### UNIVERSITY OF ILLINOIS.

#### MARGARET LANGE JAMES LOAN FUND.

The Comptroller of the University shall make loans to students from the Margaret Lange James Loan Fund in accordance with the recommendations of the Council of Administration approved by the Finance Committee of the Board of Trustees.

The recommendations of the Council shall be subject to the terms of the gift and to whatever regulations may be adopted by the Board of Trustees for this purpose.

Applications shall be upon a blank form provided for the purpose, properly filled out, and no recommendation for a loan shall be made without the favorable endorsement of the Council of Administration, recorded in its minutes and endorsed on the application blank.

For each loan a note of hand shall be taken, drawn for the full amount with interest at 5 per cent per annum, payable semi-annually.

The maximum time limit for which notes may be drawn shall be for two years from the 30th day of June next following the student's regular time of graduation.

Bank discount shall be charged up for the balance of time ensuing until the 30th day of June next following the date of the note, and interest thereafter shall be paid semi-annually. Interest at 7 per cent will be charged on all notes not paid at maturity.

#### TO WHOM LOANS MAY BE MADE.

Loans may be made to matriculated students, preferably to women, who have been in residence at the University at least one year, who have attained at least junior standing, and who are at the time they make application students in residence at this University, who have declared their intention to graduate.

In recommending loans only students of promise and good scholastic standing will be considered, and, other things being equal, preference will be given to those students who are the farthest along in their University work.

A loan will not be recommended for any student who is believed to be financially or morally delinquent in any respect.

\* The special committee made the following report on March 19, 1915:

*To the President of the University of Illinois.*

SIR: We, the undersigned, Robert F. Carr, J. R. Trevett, and James M. White, being the special committee appointed by the Board of Trustees of the University of Illinois at its meeting held March 9, 1915, with power to act in the premises, hereby authorize the Comptroller of the University to lease from Anton Roland the tract of ground owned by him situated in William Williamson's sub-division of the west one-half of the southwest quarter of section eighteen (18), township nineteen (19) north, range nine (9) east of the Third Principal Meridian, including:

1. The south five acres of lot nine (9)
2. Lot eleven<sup>1</sup> (11)
3. Lot twelve<sup>2</sup> (12)
4. The south part of lot ten (10)

of said sub-division, containing 3.73 acres more or less; it being the intention to lease that portion of lot ten lying and being directly west of and adjoining the south five acres of lot nine of the sub-division herein named, and that the north line of the said south five acres of said lot nine shall continue and be extended through the said lot ten to First Street and shall constitute and be the north line of the said tract, containing thirty-two and one-half acres more or less, for a period of three years from March 1, 1915, at an annual rental of seven hundred dollars (\$700), payable quarterly, beginning June 1, 1915. Provided that in consideration of said payment of this annual rental said Anton Roland will give the Board of Trustees of the University of Illinois the option to purchase the thirty-two and one-half acres more or less owned by him, as hereinbefore described, at the sum of fifty thousand dollars (\$50,000), and that he will agree to convey the same to the University on the payment to him of that sum, giving therefor good merchantable title free and clear of all incumbrance.

Provided further that said option may be foreclosed at any time during this period.

Provided further that the said rent payment shall cease on the date when the option is foreclosed and the purchase money paid.

If Mr. Roland will not let the property on the above terms for three years, the Comptroller may lease for two years or two and one-half years.

ROBERT F. CARR  
JOHN R. TREVETT  
JAMES M. WHITE  
*Committee.*

<sup>1</sup> Lot 11 contains 6.62 acres, more or less.

<sup>2</sup> Lot 12 contains 17 acres, more or less.

Applicants for loans are expected to offer security other than their own signatures, and no member of the Faculty or other person directly connected with the University will be accepted as security for any student loan.

Information given by applicants will be considered confidential on the part of the University authorities.

Application for loans must be addressed to the chairman of the Committee on Student Loan Funds, University of Illinois, Champaign, or Urbana, Ill.

#### UNIVERSITY OF ILLINOIS.

#### MARGARET LANGE JAMES LOAN FUND.

(Place).....(Date).....

To the President and the Council of Administration:

I, ....., of ....., (.....) (.....) (.....)  
 Full name..... Home address..... Local address.....  
 hereby make application for a loan of.....dollars from the Margaret Lange James Loan Fund in accordance with the rules for the administration of said fund which have been adopted by the Board of Trustees of the University and which have been carefully read by me. I present for your consideration the following personal statement:

1. Name and birthplace.....
2. Age last birthday.....
3. Name and post-office address of father, guardian, or business agent.....
4. Occupation of father.....
5. Name and location of high or preparatory schools attended and date of graduation.....
6. Attendance University of Illinois.....
7. Course of study in this University.....
8. Member of what class in University.....
9. Average scholastic standing.....
10. Attendance at any other school or college.....
11. Possession of any trade or special skill in any remunerative pursuit.....
12. Mode in which vacations are occupied.....
13. Experience in teaching or other employment. Salary just received.....
14. What proportion of your University expenses has been paid from your own earnings?.....
15. Is any person partially or wholly dependent upon you for support?.....
16. Have you any other debts, and if so, amount?.....
17. Single or married?.....
18. If married, any children?.....
19. If not married, do you contemplate marriage before your debts are paid?.....
20. What security do you offer for payment of interest on this loan, and the repayment of the principal?.....
21. Name two references as to your own character and scholarship.....
22. Name two references as to the character and financial ability of your endorser.....
23. It is your desire and purpose to graduate from this University?.....
24. What plans have you for business or professional work after graduation?  
 (Signed—full name).....

On the recommendation of President James and on motion of Mrs. Busey, the foregoing regulations were approved.

#### RESIGNATION OF COMPTROLLER AND READJUSTMENT OF THE BUSINESS OFFICE.

(3) The following statement concerning the business office:

Since the last meeting of the board, the Comptroller of the University, Mr. George E. Frazer, whose resignation was submitted January 1, 1915, (see page 187), has found an excellent opening elsewhere, and has requested to be relieved of his work. I have accepted his resignation, therefore, subject to the approval of the board.

I have made a temporary adjustment in the work of the office by putting Mr. L. E. Knorr, Assistant Comptroller, in charge of the work of the office as Acting Comptroller; and he has made the further adjustments in the work of the Bursar and the Purchasing Agent made necessary by the resignation of Mr. Staples and the death of Mr. Hay.

These latter positions are Civil Service positions and if the organization of the office is to be kept as at present they must be filled by certification from the State Civil Service Commission.

On motion of Mrs. Evans, the action of President James, in adjusting the work of the business office, was approved.

On motion of Mrs. Busey, the resignation of the Comptroller was accepted.

#### DELEGATION OF SIGNING WARRANTS.

(4) A recommendation that President W. L. Abbott and Secretary H. E. Cunningham be authorized to delegate to Mr. L. E. Knorr, Acting Comptroller, the signing of their names as President and Secretary of the board, respectively, to vouchers drawn against the Auditor of Public Accounts.

On motion of Mr. Hoit, this recommendation was concurred in.

#### BRONSON PROPERTY OFFERED.

(5) A letter from Mr. G. D. Bronson relating to certain property which he would like to sell to the University of Illinois:

URBANA, ILL., February 11, 1915.

*Dr. Edmund J. James, President, University of Illinois, Urbana, Ill.*

DEAR SIR: I wish to offer for the consideration of the Board of Trustees of the University of Illinois, and yourself, the purchase of the Mathews Avenue frontage of block one of the Bronson Addition at a price of \$25,000.

This property has a frontage on Mathews Avenue of 314 feet and a depth of 120 feet with an extension east of 64 feet in width and a depth of 153½ feet.

A plat of the property accompanies this letter, the land offered being outlined in red.

The property is worth even more than we are offering it for to the Trustees, but we feel that a sale to one person and with one transaction is more desirable than to sell by single lot; hence the above offer.

I have been told that until after July 1 the Trustees will be somewhat handicapped by a shortage of funds for available use.

With that in view we are willing to give the Trustees a contract for purchase of the property, and they can have until September to complete the deal if they want that long a time.

We can furnish a complete, merchantable abstract of title.

I have a power of attorney from the other parties interested authorizing me to sell the property to the best advantage, make what arrangements are necessary, and sign any preliminary papers that are required.

This looks like a very fair proposition and I hope you will take advantage of the offer.

Awaiting your reply, I am

Very truly yours,

G. D. BRONSON.

On the recommendation of President James and on motion of Mr. Carr, this offer was referred to the Finance Committee for consideration and report.

#### LEASING OF SMITH LANDS.

(6) A letter from the Comptroller relating to the leasing of the farm properties recently given to the University by Capt. Thomas J. Smith:

*February 13, 1915.*

*President Edmund J. James, University of Illinois.*

DEAR SIR: Acting under authority from the chairman of the Committee on Agriculture of the Board of Trustees (see minutes Board of Trustees, meeting of January 30, 1915, pages 195-6), I have executed the following leases for the year from March 1, 1915, to March 1, 1916, on the farm properties given to the University by Capt. T. J. Smith:

*To: Russell Arbuckle, of near the city of Champaign.*

The east one-half of the southwest quarter of section 14, township 19, north, range 8, east of the Third Principal Meridian, in the county of Champaign and State of Illinois.

*To: C. J. Foltz, of St. Joseph.*

The southwest quarter and the west half of the southeast quarter, in section 26, township 20, range 10, east of the Third Principal Meridian, in Stanton Township, Champaign County, Illinois.

*To: David A. Howard, of Rantoul.*

All that part of the north half of section 23, township 22, north, range 9, east of the Third Principal Meridian, which lies west of the Illinois Central Railroad, situated in Ludlow Township, Champaign County, Illinois.

*To: George E. Jones, of Fisher.*

The northwest quarter and the south half of the northeast quarter; section 31, township 22, north, range 8, east of the Third Principal Meridian, situated in the county of Champaign and State of Illinois.

I hand you copies of the leases herewith. Signed copies of the leases are on file with the Secretary of the board and in my own office.

You will note that each lease provides for the approval of farm operations by an agent appointed by the President of the University. I recommend that such an agent be appointed as soon as possible, and that the tenants be notified.

Very truly yours,

GEO. E. FRAZER.

As it was necessary to appoint an agent to represent the University for the approval of farm operations, I have named Prof. Jeremiah George Mosier as such agent.

On motion of Mr. Hoit, the Comptroller's letter was received for record, and the appointment of Prof. Mosier was approved.

#### ERROR IN DEED TO SMITH LANDS.

(7) The following statement:

It appears that in a certain deed executed by Capt. Thomas J. Smith to the Board of Trustees of the University of Illinois, dated September 17, 1914, one acre of ground not then owned by Capt. Thomas J. Smith was included. The lot is really owned by Margaret Lynch and Alice Lynch, and is situated in the southwest corner of the northwest quarter of section 31, township 22 north, range 8 east of the Third Principal Meridian. The Counsel of the University recommends that the board authorize the delivery to Margaret Lynch and Alice Lynch of a quit-claim deed to the piece of land thus particularly described, and recommends the adoption of the following resolution:

WHEREAS, In a certain deed executed by Thomas J. Smith to the Board of Trustees, on the 17th day of September, 1914, conveying the northwest quarter (NW.  $\frac{1}{4}$ ), and the south half (S.  $\frac{1}{2}$ ) of the northeast quarter (NE.  $\frac{1}{4}$ ), of section thirty-one (31), township twenty-two (22) north, range eight (8), east of the Third Principal Meridian, a mistake was made in that it included one acre of ground not then owned by Thomas J. Smith, but owned by Margaret Lynch and Alice Lynch, situated in the southwest corner of the northwest quarter (NW.  $\frac{1}{4}$ ) of said section, and particularly described as follows: Commencing at the southwest corner of the northwest quarter (NW.  $\frac{1}{4}$ ) of section thirty-one (31) township twenty-two (22) north, range eight (8) east of the Third Principal Meridian, thence east two hundred (200) feet, thence north two hundred eighty-one and eight-tenths (281.8) feet, thence west two hundred (200) feet, to the west line of said section thirty-one (31), thence south to the point of beginning; be it

*Resolved*, That the President of the board be instructed to execute and deliver to Margaret Lynch and Alice Lynch a quit-claim deed to the piece or parcel of land thus particularly described.

On the recommendation of President James and on motion of Mrs. Henrotin, the resolution was adopted, by the following vote: Ayes, Mr. Abbott, Mrs. Busey, Mr. Carr, Mrs. Evans, Mrs. Henrotin, Mr. Hoit, Mr. Ward, Miss Watson; noes, none; absent, Mr. Blair, Mr. Dunne, Mr. Hopkins, Mr. Trevett.

#### APPOINTMENT OF MR. C. M. DELANY AND MR. JAMES HALL AS EXAMINERS IN ACCOUNTANCY.

(8) A recommendation from the Committee on Accountancy that Mr. Clarence Martin DeLany be appointed to membership on the Board of Examiners in Accountancy to fill the unexpired term, ending June 30, 1916, of Mr. Peter White, who died on December 17, 1914. A further recommendation from the committee that Mr. James Hall, Chicago manager for Marwick, Mitchell, and Company, 189 LaSalle Street, Chicago, be appointed for the term of three years beginning July 1, 1914, as a member of the Board of Examiners in Accountancy, in place of Mr. Seatree, whose term expired on June 30, 1914.

On the recommendation of President James and on motion of Mrs. Evans, Mr. Delany and Mr. Hall were appointed as recommended.

#### INCREASES IN SALARIES IN BUSINESS OFFICE.

(9) A recommendation from the Acting Comptroller, Mr. L. E. Knorr, that, owing to the readjustment in the Comptroller's office and the increase of responsibility upon Mr. Alfred Steitz and Mr. M. E. Thompson, the salaries of Mr. Thompson and Mr. Steitz be advanced, from March 1, 1915, to \$100 a month each.

On the recommendation of President James and on motion of Mrs. Henrotin, the salaries of Mr. Steitz and Mr. Thompson were increased to \$100 a month each, from March 1, 1915. The vote was as follows: Ayes, Mr. Abbott, Mrs. Busey, Mr. Carr, Mrs. Evans, Mrs. Henrotin, Mr. Hoit, Mr. Ward, Miss Watson; noes, none; absent, Mr. Blair, Mr. Dunne, Mr. Hopkins, Mr. Trevett.

#### ADDITIONAL FELLOWSHIPS, ENGINEERING EXPERIMENT STATION.

(10) A request from the Dean of the College of Engineering that four additional research fellowships be created in the Engineering Experiment Station with a stipendium of \$500 a year each, this in view of the fact that the Department of Mining Engineering has been created since the present number was fixed at ten, that the Department of Ceramics will be transferred to the College of Engineering for the coming year, and that two research fellows in the Experiment Station should be appointed for each of these departments.

On the recommendation of President James and on motion of Mr. Carr, the four additional fellowships were created and the President of the University was authorized to nominate candidates for the same. The vote was as follows: Ayes, Mr. Abbott, Mrs. Busey, Mr. Carr, Mrs. Evans, Mrs. Henrotin, Mr. Hoit, Mr. Ward, Miss Watson; noes, none; absent, Mr. Blair, Mr. Dunne, Mr. Hopkins, Mr. Trevett.

#### EXTENSION WORK IN HOME ECONOMICS.

(11) A recommendation from Dr. Eugene Davenport, Dean of the College of Agriculture and Director of the Agricultural Experiment Station, that Miss Isabel Bevier be appointed Vice Director of Extension Work in Home Economics, and that Miss Mamie Bunch be appointed State Leader for Demonstration Work in Home Economics under the Lever Bill. If this is done Miss Bunch will employ half her time in that work, and half her salary will be paid from the Lever Funds. Both appointments are to date from March 1, 1915, to June 30, 1916.

On the recommendation of President James and on motion of Mrs. Evans, these appointments were made.

#### RENEWAL OF LEASE, MT. HOPE CEMETERY ASSOCIATION.

(12) A letter from the Comptroller announcing that he has signed a lease for four acres, lying in the northeast corner of the tract of land owned by the Mt.

Hope Cemetery Association, from March 1, 1915, to March 1, 1916, at an annual rental of \$60. This land is to be used by the Department of Agronomy.

This statement was received for record.

#### IMPORT ORDERS, COLLEGE OF MEDICINE.

(13) A request from Mr. W. H. Browne, Secretary of the College of Medicine, for permission to place import orders for the various departments in the College of Medicine for the academic year 1915-16 to the amount of \$6,850.

On the recommendation of President James and on motion of Mrs. Henrotin, authority to place import orders for the College of Medicine, to the amount of \$6,850, was granted, by the following vote: Ayes, Mr. Abbott, Mrs. Busey, Mr. Carr, Mrs. Evans, Mrs. Henrotin, Mr. Hoit, Mr. Ward, Miss Watson; noes, none; absent, Mr. Blair, Mr. Dunne, Mr. Hopkins, Mr. Trevett.

#### ORCHESTRA CONCERTS TO BE CONTINUED.

(14) A request from Mr. J. L. Erb, Director of the School of Music, for authority to arrange for a series of orchestra concerts during the year 1915-16 similar to those of the present and past years. This involves an appropriation for the academic year 1915-16 of \$5,000 for orchestra concerts, and the granting of authority to the Comptroller to make contracts with orchestras to that amount.

On the recommendation of President James and on motion of Mr. Carr, the Director of the School of Music was authorized to arrange for orchestra concerts for 1915-16 and the Comptroller was authorized to make the necessary contracts to the amount of \$5,000. The vote was as follows: Ayes, Mr. Abbott, Mrs. Busey, Mr. Carr, Mrs. Evans, Mrs. Henrotin, Mr. Hoit, Mr. Ward, Miss Watson; noes, none; absent, Mr. Blair, Mr. Dunne, Mr. Hopkins, Mr. Trevett.

At this point, Miss Watson withdrew.

#### APPROPRIATIONS FOR PRINTING THE SPECULUM REGALE.

(15) A recommendation from Dr. David Kinley, Dean of the Graduate School, that the University undertake to issue an edition of 150 copies of the *Speculum Regale* at an estimated cost of \$2,200. It is proposed to put a price of \$15 a volume upon the 150 copies. Fifty-four copies have already been ordered at \$15 a volume, making \$810. Subscriptions have been made to the amount of \$388, of which \$295 has been paid. There will be ninety-six copies left and undisposed of from the sale of which the balance of \$1,100 may be met.

In the opinion of Dr. Kinley this is a scholarly undertaking, and one which the University may well undertake on its merits in the interest of linguistics. The manuscript, which is a facsimile, is important historically as well as linguistically. It would seem likely to add to the scientific reputation of the University.

On the recommendation of President James and on motion of Mr. Carr, the sum of \$2,200 was appropriated from Graduate School Funds for printing the *Speculum Regale*. The vote was as follows: Ayes, Mr. Abbott, Mrs. Busey, Mr. Carr, Mrs. Evans, Mrs. Henrotin, Mr. Hoit, Mr. Ward; noes, none; absent, Mr. Blair, Mr. Dunne, Mr. Hopkins, Mr. Trevett, Miss Watson.

#### APPROPRIATION BILLS.

(16) A recommendation that the President of the University be authorized to secure the introduction of the necessary appropriation bills into the present session of the General Assembly.

On motion of Mr. Carr, it was voted that such authority be given, and that it is the sentiment of the board that the entire proceeds of the mill tax should be appropriated in a lump sum to the Board of Trustees of the University of Illinois for the support and development of the University.

#### OFFER OF LAND IN CHAMPAIGN.

(17) An offer from Mr. F. M. Vanneman of Urbana, Ill., to sell certain lots in the city of Champaign to the University.

On the recommendation of President James this offer was referred to the Finance Committee for consideration and report.

#### LEAVE OF ABSENCE FOR PROF. SCHMIDT.

(18) A request from Prof. E. C. Schmidt for leave of absence for a period of three or four weeks to undergo certain medical treatment which, in the opinion of his physician, should be taken at this time.

On the recommendation of President James and on motion of Mrs. Busey, this request was granted.

#### LEAVE OF ABSENCE FOR PROF. TRELEASE.

(19) A request from Prof. William Trelease for leave of absence until the 1st of May. Dr. Trelease's physician thinks that he should spend the next few weeks



in a warmer climate, and he would like to undertake a scientific trip to Guatemala where he would be able to do certain important work in connection with investigations which the Department of Botany now has in hand.

On the recommendation of President James and on motion of Mr. Carr, this request was granted.

#### NEED OF LOT FOR SCHOOL OF PHARMACY.

(20) A statement as to the possibility and necessity of the purchase of a site for the School of Pharmacy Building, with an urgent request that this matter be given immediate attention, as it will not be long until the School of Pharmacy will be out of house and home unless some provision be made for it.

On motion of Mrs. Busey, this matter was referred to the Finance Committee for consideration and report.

#### LABORATORY FEE IN PHOTOGRAPHY.

(21) A recommendation from the Council of Administration that a laboratory fee of \$8 be established for the course known as Photography I, given for the first time during the present semester, to cover the cost of chemicals and other materials used by students in the course.

On motion of Mr. Hoit, this recommendation was approved.

#### PAYMENT OF HOSPITAL BILL OF MR. E. C. LEWIS.

(22) A request from Prof. J. M. White that the University pay certain bills, amounting to \$37.75, incurred by Mr. E. C. Lewis for medical and hospital service while recovering from an injury received in the service of the University, and occasioned by a crowbar falling from a platform and striking him on the shoulder.

On the recommendation of President James and on motion of Mr. Ward, the payment of this bill was authorized, provided Mr. Lewis will sign a waiver of all other rights and claims resulting from this injury. The vote was as follows: Ayes, Mr. Abbott, Mrs. Busey, Mr. Carr, Mrs. Evans, Mrs. Henrotin, Mr. Hoit, Mr. Ward; noes, none; absent, Mr. Blair, Mr. Dunne, Mr. Hopkins, Mr. Trevett, Miss Watson.

#### REQUEST FOR ALLOWANCE FOR MRS. J. W. NORTH.

(23) A letter from Mr. Marshall E. Gallion, attorney at law, 109 North Dearborn Street, Chicago, asking that the University make an allowance for the support of Mrs. James W. North, whose husband was killed by accident while in the service of the University in the College of Medicine (see Report for 1914, p. 670).

No action was taken on this subject.

#### PROPOSED COMMITTEE ON CAMPUS PLANS AND ARCHITECTURE.

(24) A letter from Mr. Henry Bacon, 101 Park Avenue, New York, an alumnus of the University, suggesting that a council of three architects be appointed to criticize the general plan of the extension of the buildings of the University, and the design of individual buildings; also a letter from the Supervising Architect, Mr. White, approving in general the suggestion, although making other and additional suggestions in regard to the constitution of such a council.

No action was taken on this matter.

#### WATER PURIFICATION PLANT.

(25) A letter from Prof. Edward Bartow, Director of the State Water Survey, suggesting that a purification plant be established to treat the University water.

On motion of Mrs. Evans, this request was referred to the Supervising Architect for report.

#### COMMITTEE ON CONTRACTS FOR CADET UNIFORMS.

(26) A letter from the Military Commandant, Maj. F. D. Webster, requesting that a committee be appointed to open bids and award contracts for the cadet uniforms required in 1915-16; with the recommendation that the President of the Board of Trustees, the Comptroller of the University, and the Military Commandant constitute such committee.

On motion of Mr. Hoit, this recommendation was concurred in.

#### CHANGES IN CONTRACTS, CHEMISTRY AND ADMINISTRATION BUILDINGS.

(27) A letter from the Supervising Architect requesting authority to make certain changes in the contracts for the Chemistry and Administration Buildings:

URBANA, ILL., March 8, 1915.

*President E. J. James, University of Illinois.*

DEAR SIR: I wish to submit as a matter of record the following list of changes in the contracts for the Chemistry and Administration Buildings and to recommend the authorization of same:

For the Administration Building these changes include, besides miscellaneous items, the additional cost of foundations necessitated by the encountering of quicksand at certain places, also the changing of the roof covering from slate to tile in order to match the Commerce Building, and the providing of certain struc-

tural steel work in the end walls to carry the floors at such time in the future as it becomes necessary to tear out these walls to construct the completed building.

For the Chemistry Building the changes represent, in addition to miscellaneous minor items, the cost of extra foundation work, of underpinning the walls of the old building and of additional experimental wiring requested by the Chemistry Department.

**A STATEMENT OF THE ADDITIONS TO AND DEDUCTIONS FROM CONTRACTS FOR CHEMISTRY AND ADMINISTRATION BUILDINGS AS AT MARCH 1, 1915.**

*Chemistry Building.*

	Additions.	Deductions.
General contract .....	\$2,197 52	\$625 25
Plumbing contract .....	.....	430 00
Wiring contract .....	554 40	.....
Heating contract .....	463 00	765 00
Total .....	\$3,214 92	\$1,820 25
Net additions .....	1,394 67	

*Administration Building.*

	Additions.	Deductions.
General contract .....	\$1,920 42	\$281 00
Plumbing contract .....	.....	16 35
Total .....	\$1,920 42	\$297 35
Net additions .....	1,623 07	

I am receiving bids for an ornamental iron canopy for the main entrance to the Administration Building necessitated by the architectural treatment of the west elevation and should like to be authorized to let the contract for this work at a sum not to exceed \$2,000.

Yours truly,

JAMES M. WHITE, *Supervising Architect.*

On motion of Mr. Hoit, the additions to the contracts for the Chemistry and Administration Buildings, amounting to \$1,394.67 and \$1,623.07, respectively, were approved and the Supervising Architect was authorized to let a contract for an iron canopy for the main entrance of the Administration Building at a cost of not more than \$2,000. The vote was as follows: Ayes, Mr. Abbott, Mrs. Busey, Mr. Carr, Mrs. Evans, Mrs. Henrotin, Mr. Hoit, Mr. Ward; noes, none; absent, Mr. Blair, Mr. Dunne, Mr. Hopkins, Mr. Trevett, Miss Watson.

**SALARY OF THE SECRETARY OF THE BOARD.**

(28) A recommendation that the salary of Mr. Harrison E. Cunningham as Secretary of the board be fixed at \$500 a year, dating from March 1, 1914.

On motion of Mrs. Evans, this recommendation was concurred in. The vote was as follows: Ayes, Mr. Abbott, Mrs. Busey, Mr. Carr, Mrs. Evans, Mrs. Henrotin, Mr. Hoit, Mr. Ward; noes, none; absent, Mr. Blair, Mr. Dunne, Mr. Hopkins, Mr. Trevett, Miss Watson.

**ADVISORY COMMITTEE, LIVE STOCK SECTION.**

(29) A letter from Dr. Eugene Davenport, stating that the following nominations have been made by the Live Stock Breeders' Association for membership in the Live Stock Advisory Committee of the College of Agriculture, of whom five are to be appointed:

Mr. A. W. Bragg, Tuscola.	Mr. C. J. McMasters, Altona.
Mr. F. E. Drury, Jacksonville.	Mr. N. C. Meharry, Tolono.
Mr. Joseph Fulkerson, Jerseyville.	Mr. Ira G. Sharp, Sharpsburg.
Mr. P. S. Haner, Taylorville.	Mr. E. C. Stone, Peoria.
Mr. M. P. Lantz, Carlock.	Mr. W. W. Wright, Toulon.

On motion of Mrs. Henrotin, the following persons were appointed members of the Live Stock Advisory Committee of the College of Agriculture: Mr. C. J. McMasters, Altona; Mr. Joseph Fulkerson, Jerseyville; Mr. M. P. Lantz, Carlock; Mr. F. E. Drury, Jacksonville.

**APPOINTMENT OF MISS GLOVER AND MISS SMITH.**

(30) A request from Dr. Eugene Davenport, Dean of the College of Agriculture and Director of the Agricultural Experiment Station, that Miss Anna C. Glover be appointed Secretary of the Agricultural Experiment Station and Publication Manager at a salary of \$1,500 a year from March 1, 1915; and that Miss Florence E. Smith be appointed Chief Editorial Assistant in the Agricultural Experiment Station at a salary of \$1,200 a year from March 1, 1915.

On the recommendation of President James and on motion of Mr. Carr, these appointments were made as requested. The vote was as follows: Ayes, Mr. Abbott, Mrs. Busey, Mr. Carr, Mrs. Evans, Mrs. Henrotin, Mr. Hoit, Mr. Ward; noes, none; absent, Mr. Blair, Mr. Dunne, Mr. Hopkins, Mr. Trevett, Miss Watson.

### PLANS FOR CERAMICS AND EDUCATION BUILDINGS.

(31) A statement that it is necessary for the Trustees to proceed with the authorization for the erection of new buildings or meet much delay upon the work, with great inconvenience to the departments concerned.

On motion of Mr. Carr, the Supervising Architect was instructed to call for bids on the plans for the School of Education Building and for the Engineering and Ceramics Building.

### HOUSE JOINT RESOLUTION, LEVER BILL.

(32) A copy of House Joint Resolution No. 3, relating to the so-called Lever Bill work, adopted by the House of Representatives of the State of Illinois, March 3, 1915, concurred in by the Senate, March 4, 1915:

#### HOUSE JOINT RESOLUTION NO. 3.

JOINT RESOLUTION FOR GIVING THE STATE'S ASSENT TO THE ACT OF CONGRESS OF MAY 8, 1914.

WHEREAS, The Congress of the United States has passed an act approved by the President, May 8, 1914, entitled "An Act to provide for the cooperative agricultural extension work, between the agricultural colleges in the several states, receiving the benefits of the act of Congress approved July 2, 1862, and of acts supplementary thereto, and the United States Department of Agriculture," and, WHEREAS, It is provided in section 3 of the act aforesaid, that the grants of money authorized by this act shall be paid annually "to each state which shall by action of its legislature assent to the provisions of this act," therefore, be it

*Resolved*, By the House of Representatives, the Senate concurring therein, that the assent of the Legislature of the State of Illinois be and is hereby given to the provisions and requirements of said act, and that the Trustees of the University of Illinois be, and they are hereby authorized and empowered to receive the grants of money appropriated under said act, and to organize and conduct agricultural extension work which shall be carried on in connection with the College of Agriculture of the University of Illinois, in accordance with the terms and conditions expressed in the act of Congress aforesaid.

Adopted by the House March 3, 1915.

B. H. MCCANN, *Speaker of the House of Representatives.*  
Clerk of the House of Representatives.  
Concurred in by the Senate March 4, 1915.

A. E. EDEN, *Secretary of the Senate.*  
Filed March 9, 1915.

DAVID E. SHANAHAN,  
*President of the Senate.*

BARRATT O'HARA,  
*President of the Senate.*

LEWIS G. STEVENSON,  
*Secretary of State.*

This report was received for record.

### APPLICATION FOR POSITIONS IN BUSINESS OFFICE.

(33) A statement that there have been several applications for the positions of Purchasing Agent, Bursar, and Comptroller, which will be presented to the board as soon as the board decides to take up the matter of filling these positions.

No action was taken in this matter.

### PAYMENT OF CARFARE OF SENIORS IN MEDICINE AND DENTISTRY WHO ATTEND COMMENCEMENT IN URBANA.

(34) The board voted on January 30, 1915, to hold the commencement exercises for the Colleges of Medicine and Dentistry at Urbana in connection with the commencement of the Urbana departments (see page 192). There will be about one hundred twenty-five students graduated from these colleges in June.

On motion of Mr. Carr, President James was authorized to pay the railway fare (from Chicago to Champaign and return) of students graduating from the Colleges of Medicine and Dentistry in June, and the sum of \$650, or so much thereof as may be necessary, was appropriated for this purpose. The vote was as follows: Ayes, Mr. Abbott, Mr. Carr, Mrs. Evans, Mrs. Henrotin, Mr. Hoit; noes, Mrs. Busey, Mr. Ward; absent, Mr. Blair, Mr. Dunne, Mr. Hopkins, Mr. Trevett, Miss Watson.

### DEMAND OF STATE AUDITOR FOR UNIVERSITY FUNDS.

(35) The State Auditor of Public Accounts asked the Trustees of the University of Illinois, on November 6, 1913, to turn over to the State Treasurer the funds in their possession arising from fees of students, gifts, Federal Government receipts and all other sources. The Trustees did not comply with his demand. The Auditor gives formal notice, however, in his last report (Report, 1914, page XII), that on the 30th day of June next he will demand that the University turn over all receipts on and after that date from all sources whatever.

This will make a very serious complication for the University if the Auditor insists upon it and is upheld by the judgment of the courts in his view that the law requires this.

The Counsel of the University insists that the State Auditor has no authority to issue such a call. You will find on page 664 of the report of the board for

1914 (meeting of December 13, 1913), a letter from the Counsel of the University on this subject.

This is a serious matter and should receive the careful attention of the board. I am referring it, therefore, to you at the present time for your consideration and action.

After full discussion, no action was taken on this matter.

#### APPOINTMENTS MADE BY THE PRESIDENT OF THE UNIVERSITY.

The Secretary presented for record the following list of appointments made by President James to fill vacancies:

Alexander, Lilla M., Cataloger in the Library, at a salary of seventy dollars (\$70) a month, beginning March 1, 1915, and continuing until August 31, 1915, subject to the rules of the Civil Service Commission; this appointment superseding her former appointment at the rate of sixty-five dollars a month. (February 17, 1915.)\*

Hanford, A. C., Assistant in Political Science, on one-half time, for the second semester of the current academic year, at a salary of four hundred dollars (\$400) for the semester; this appointment superseding his former appointment at two hundred fifty dollars a semester. (March 4, 1915.)

Haven, C. H., Foreman Plumber and Steamfitter in the Supervising Architect's office, at a salary of one hundred twenty-five dollars (\$125) a month, beginning February 1, 1915, and continuing until further notice, subject to the rules of the Civil Service Commission; this appointment superseding his former appointment at one hundred twenty dollars. (February 8, 1915.)

Hayward, Nellie, Clerk in the Department of Dairy Husbandry, at a salary of sixty dollars (\$60) a month, beginning March 1, 1915, and continuing until further notice, subject to the rules of the Civil Service Commission; this appointment superseding her former appointment at fifty dollars. (February 22, 1915.)

Sinnock, Julia, Stenographer in the Office of the Supervising Architect, at a salary of sixty dollars (\$60) a month, beginning January 1, 1915, and continuing until further notice, subject to the rules of the Civil Service Commission; this appointment superseding her former appointment at fifty dollars. (February 8, 1915.)

Towne, L. J., Superintendent of Construction, at a salary of two hundred dollars (\$200) a month, beginning February 1, 1915, and continuing until further notice, subject to the rules of the Civil Service Commission; this appointment superseding his former appointment at one hundred seventy-five dollars. (February 8, 1915.)

The board adjourned, at 11.30 p. m.

W. L. ABBOTT, *President.*

H. E. CUNNINGHAM, *Secretary.*

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\* The date in parenthesis is the date on which the appointment was made by the President of the University.

## MEETING OF APRIL 21, 1915.

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A special meeting of the Board of Trustees of the University of Illinois was held at the University, in Urbana, on Wednesday, April 21, 1915, pursuant to the following notice which was sent out by the Secretary on April 15, 1915:

Upon the call of the President, Mr. W. L. Abbott, there will be a special meeting of the Board of Trustees of the University of Illinois in the Trustees' Room, at the University, in Urbana, on Wednesday, April 21, 1915, at 10.00 a. m., to consider such matters as the committees of the board and the President of the University may submit, and such other matters as may be duly presented.

There being no quorum present, the board adjourned to meet at the University, in Urbana, at 10.00 a. m., on Tuesday, April 27, 1915.

W. L. ABBOTT, *President.*

H. E. CUNNINGHAM, *Secretary.*

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## Adjourned Session, April 27, 1915.

When the board convened at 10.30 a. m., on Tuesday, April 27, 1915, pursuant to adjournment, the following members were present: Mrs. Busey, Mr. Carr, Mrs. Evans, Mrs. Henrotin, Mr. Hoit, Mr. Trevett, Miss Watson.

President James was present.

In the absence of Mr. Abbott, and on motion of Mr. Hoit, Mr. Carr was elected chairman of the meeting.

### MINUTES APPROVED.

The Secretary presented the minutes of the meetings of March 2 and 9, 1915, which, on motion of Mrs. Henrotin, were approved as printed above on pages 204 to 229, inclusive.

### THE MILL TAX FUND.

President James presented the following statement concerning the mill tax fund:

Four years ago after a discussion extending over ten years or more the Legislature of Illinois passed a law called the Mill Tax Law providing that a tax of one mill per dollar of assessed valuation of the property of the State should be levied and collected each year for the support and maintenance of the University of Illinois.

Four considerations led to the adoption of this plan:

1. The unsatisfactory experience of this State up to that time growing out of the more or less haphazard character of the appropriations made for the University.
2. The experience of other states like Michigan, Wisconsin, Minnesota, Iowa, California, etc., all of which by long and costly trial had found out that if they wished to develop a strong state university it would be necessary to take the institution out of politics by giving to it a permanent revenue beyond the reach of temporary and occasional accidents of legislative action.

3. The conviction that the People of the State would get much more for their money if the Trustees of the University were able to estimate with some degree of accuracy the amount of money likely to be at their disposal for the maintenance and development of the University.

4. The belief that by some regular and automatic action a steady increase should accrue to the funds of the University corresponding to the growth of the commonwealth in population and resources and to the ever increasing demands made upon the University for service to the public.

The Mill Tax Law passed by the Legislature in 1911 will secure these ends if it be maintained.

The tax produced \$2,250,000 per annum for the biennium closing June 30, 1915.

It will produce \$2,500,000 per annum for the biennium beginning July 1, 1915.

The University needs every dollar of this sum in order to do the increasing work which the State has imposed upon it.

Four forms of attack upon this system of providing for the University have been made or are making in this Legislature:

1. Bills to repeal the law altogether.
2. Bills reducing the rate of the tax from one to one-half or three-fourths mill.
3. Bills imposing charges on the mill tax fund which do not properly belong there.

4. Bills to appropriate only a part of the total sum provided by the tax.

Of these, the first three will doubtless be defeated in the Legislature.

The fourth form of attack—i. e. of refusing to appropriate the full amount of the fund, is the most subtle and dangerous one and the most injurious to all the interests of the State represented in the University.

The full amount provided by the tax is intended for the University. The University needs every dollar of it. The fund can not be legally used for any other purpose.

The effect of refusing to appropriate this money will be: to deprive the University of needed funds; to violate the spirit of the law now upon the statute books; to pile up money in the State Treasury which can be used for no other purpose; and worst of all pave the way for a repeal of the law two years from this date on the ground that the University fund has a large unused balance in it.

It is perfectly proper, of course, for the Legislature to repeal the Mill Tax Law at any time when in the opinion of that body the interests of the State would be advanced by such action.

But it should be done openly and above board with the issue clearly drawn so that every member of the Legislature and every citizen of the State can understand fully what is going on; and then only after full discussion in the Legislature and in the State so that at least as much thought and consideration shall be given to the question of repeal as was given to the passage of the law.

The proposition to leave a large unappropriated balance in the fund is a most insidious and dangerous attack on the whole plan—all the more dangerous when it is favored on the ostensible score of economy.

There is no doubt what the permanent will of the People of the State is on this subject when they once understand the issue.

The repeal of the Mill Tax Law or the practical nullification of it by refusing to appropriate in full the proceeds of the tax will affect profoundly and injuriously every interest of the commonwealth represented in the University and that means the interests of higher education in every department: Agriculture, Engineering, Business, Teaching, Pharmacy, Dentistry, Medicine, and Law.

The Trustees will expend this money along essentially the same lines as during the last biennium, developing the various departments to their highest degree of usefulness; adding the necessary buildings, providing necessary equipment, improving the teaching force, and caring more fully for the physical, moral, and intellectual welfare of the young people commended to their care—now more than 6,000 in number.

If any citizen wishes to know in detail what the Trustees did with the funds of the last biennium a copy of the last Comptroller's report will be sent on request.

The Trustees are asking for the proceeds of the mill tax as the law contemplates—neither more nor less—and that this money be appropriated in a lump sum or in the form already approved by the last Legislature.

(1) Amount of 1912 levy on account of the University mill tax.....	\$2,343,673 23
(2) Receipts into Treasury from 1912 tax levy for the University of Illinois mill tax fund up to July 1, 1915.....	2,267,004 17
(3) Amount of 1913 levy on account of the University of Illinois mill tax .....	2,422,361 95
(4) Receipts into State Treasury from the 1913 tax levy for the University of Illinois mill tax fund up to July 1, 1915, (being (3) less 4 per cent of the same for abatements in collections) .....	2,325,467 48
(5) Total receipts into the State Treasury on account of the tax levy for 1912 and 1913 for the University of Illinois mill tax fund .....	4,592,471 65
(6) Appropriation for the biennium beginning July 1, 1913, and closing June 30, 1915, against the tax levies for 1912 and 1913 .....	4,500,000 00
(7) Balance of proceeds of the tax levies of 1912 and 1913 for the benefit of the University of Illinois mill tax fund still unappropriated .....	92,471 65
(8) Amount of 1914 levy on account of University mill tax.....	2,455,745 80
(9) Receipts into the Treasury from 1914 tax levy for the University of Illinois mill tax fund up to July 1, 1915 being (8) less 4 per cent.....	2,357,515 97
(10) Amount of 1915 levy on account of University mill tax fund (estimate of State Auditor Mar. 31, 1915).....	2,700,000 00
(11) Receipts into Treasury from 1915 tax levy for the University of Illinois mill tax fund up to July 1, 1916 (being (10) less 4 per cent.....	2,592,000 00
(12) Total receipts into Treasury from the tax levies of 1914 and 1915 for the University mill tax (being (9) and (11) ).....	4,949,515 97
(13) Total income of the mill tax fund for the biennium July 1, 1915, and ending June 30, 1917—	
(a) Balance unappropriated from the levies of 1912 and 1913.....	\$ 92,471 65
(b) Proceeds of levies for 1914 and 1915....	4,949,515 97
<b>Total .....</b>	<b>\$5,041,987 62</b>

On motion of Mrs. Henrotin, President James was authorized to present this statement to the Appropriation Committees of the General Assembly.

**AUDIT REPORT.**

Mr. Hoit presented, for the Finance Committee, the report of the United States Audit Company for the quarter ending December 31, 1914. This report was received for record.

January 27, 1915.

*Hon. Allen F. Moore, Chairman, Finance Committee, Board of Trustees, University of Illinois.*

DEAR SIR: Following your instructions, we have audited the books and accounts of the University of Illinois at Urbana, Ill., for the second quarter of the fiscal year, ended December 31, 1914.

We are sending you herewith a copy of the report prepared by the Comptroller of the University, Mr. George E. Frazer, covering the quarter under audit.

We have verified the cash receipts, disbursements, and balances as shown on the quarterly report, with the exception of the petty cash funds of the College of Medicine, School of Pharmacy, and Agricultural Experiment Station, totaling \$1,150.

The total disbursements as per disbursement ledger were \$150 in excess of the amount shown by the warrant register. This difference is being investigated by the business office.

Subject to the foregoing remarks, therefore,

We hereby certify that the various schedules as contained in the report of the Comptroller correctly set forth the transactions of the quarter ended December 31, 1914, and that they are in accordance with the books.

Yours very truly,

UNITED STATES AUDIT CO.,  
W. B. FLERSHEM,  
Certified Public Accountant.

**MEETING OF THE FINANCE COMMITTEE, APRIL 9, 1915.**

Mr. Hoit presented also the report of the meeting of the Finance Committee held April 9, 1915.

A meeting of the Finance Committee was held in the Trustees' Room, at the University, in Urbana, on Friday, April 9, 1915, beginning at 3.00 p. m. Mr. Hoit, Chairman, and Mrs. Henrofin, Mr. Hopkins, and Capt. Trevett, members of the committee, were present. Vice President Kinley was present, and, during a part of the afternoon, the retiring Treasurer, Mr. M. W. Bussey. Mr. H. E. Cunningham acted as Clerk.

The committee proceeded to the consideration of the following matters referred to it by the board:

**RATE OF INTEREST ON TREASURER'S BALANCES, 1913-15.**

The Clerk read certain correspondence between Treasurer Bussey and Mr. Allen F. Moore, former Chairman of the Finance Committee, concerning the rate of interest to be paid on the average daily balances in the hands of the Treasurer, during the biennium just ending.

Treasurer Bussey made a statement to the effect that he would suffer financial loss if he were required to pay the two per cent interest, because the funds were tied up by reason of the demands of the Auditor of Public Accounts, during the greater part of his term and the total amount of interest he had been able to collect during the rest of the term did not amount to two per cent on the balances in his hands during the entire term.

Vice President Kinley stated that President James had requested him to call the attention of the committee to two points in this connection; namely, (1) that the budget for the current fiscal year had been made up on the supposition that the two per cent interest would be received [see Minutes, March 2, 1915, page 205]; and (2) the rates of interest received by other institutions [see Minutes, January 30, 1915, page 201].

After discussion of the whole question, the committee voted, on motion of Mr. Hopkins, to recommend to the board that Treasurer Bussey be asked to pay interest at the rate of one per cent on the average daily balances in his hands during his term.

**TREASURER'S BOND.**

Mr. Hoit presented the following letter and the bond furnished by Treasurer-elect H. S. Capron:

[Mr. Capron's Letter.]

*Mr. W. L. Abbott, President, Board of Trustees, University of Illinois.*

DEAR MR. ABBOTT: I am enclosing herewith bond in the amount of one million (\$1,000,000) dollars, executed by me and my sureties covering my responsibility as Treasurer of the University of Illinois for the period for which I was elected on the 9th day of March, 1915.

For your information I have to advise that the guarantors represent a responsibility of about \$4,000,000. So that you may know the responsibility of those signing the bond other than those connected with this bank. I have to say that W. S. Van Doren is the owner of 327 acres in Platt County, Illinois, worth \$200 per acre; 640 acres in Pocahontas County, Iowa, worth \$150 per acre and 678 acres in Missouri worth \$30,000; personal property in the amount of more than \$50,000. Harry Grove owns 420 acres in Champaign County considered worth over \$200 per acre. Gerd Ehler owns 400 acres within a short distance from the corporation limits of Champaign, worth \$250 an acre as well as large acreage in Iowa, Michigan and North Dakota. W. W. Ehler is the owner of 480 acres in Champaign County

worth over \$200 an acre, as well as acreage in Iowa and North Dakota. All are men of highest credit and responsibility.

The Harris responsibility represents at least three million dollars.

Trusting that the bond may be acceptable to the board, I am

Yours respectfully,

H. S. CAPRON.

[BOND.]

Know all men by these presents, that we, Hazen S. Capron, as principal, and Margaret B. Capron, B. F. Harris, May M. Harris, N. M. Harris, Mary B. Harris, Melissa M. Harris, W. S. Van Doren, Harry Grove, Gerd Ehler and W. W. Ehler, as sureties, are held and firmly bound unto the Board of Trustees of the University of Illinois, of Urbana, in the county of Champaign, State of Illinois, in the sum of one million dollars (\$1,000,000) good and lawful money of the United States, for the payment of which, well and truly to be made, we bind ourselves and our heirs, executors and administrators, jointly, severally and firmly by these presents.

Witness our hands and seals this 18th day of March, A. D. 1915.

The consideration of this obligation is such that whereas the above bounden Hazen S. Capron was on the 9th day of March, A. D. 1915, duly elected to the office of Treasurer of the University of Illinois, for a period ending on the 9th day of March, A. D. 1917, or until his successor shall be appointed and qualified, and is about to assume the duties of said office.

Now, if the said Hazen S. Capron shall well and truly perform and faithfully discharge the duties of Treasurer of said University of Illinois, during his term of office, and shall faithfully keep and truly account for all moneys, bonds, securities or other property coming into his hands as such Treasurer during his term of office, and at the expiration of his term of office shall pay over to his successor in office, or to any other person duly authorized by the Board of Trustees of said University of Illinois to receive the same, all moneys, bonds, securities or any other property received by him as such Treasurer and not otherwise lawfully paid out or disposed of, and shall deliver to his successor in office or any other person appointed to receive the same, the property, books, papers, and other things in his hands belonging to said office, and shall, at the expiration of his term of office, or oftener, if thereunto requested by the Board of Trustees of said University of Illinois, render a just and true account of his doings as such Treasurer, then this obligation to be null and void; otherwise to remain in full force, effect and virtue.

W. S. VAN DOREN.

HARRY GROVE.

GERD EHLEH.

W. W. EHLEH.

HAZEN S. CAPRON.

MARGARET B. CAPRON.

B. F. HARRIS.

MAY M. HARRIS.

N. M. HARRIS.

MARY B. HARRIS.

MELISSA M. HARRIS.

STATE OF ILLINOIS, }  
COUNTY OF CHAMPAIGN. } ss.

I, W. E. C. Clifford, a notary public, in and for said county, in the State aforesaid, do hereby certify that W. S. Van Doren, Harry Grove, Gerd Ehler, and W. W. Ehler are personally known to me to be the same persons whose names are subscribed to the foregoing instrument, appeared before me this day in person and acknowledged they signed, sealed and delivered the said instrument as their free and voluntary act for the uses and purposes therein set forth.

Given under my hand and notarial seal this 27th day of March A. D. 1915.

(SEAL)

W. E. C. CLIFFORD, *Notary Public*.

STATE OF ILLINOIS, }  
COUNTY OF CHAMPAIGN. } ss.

I, W. E. C. Clifford, a notary public, in and for said county, in the State aforesaid, do hereby certify, that Hazen S. Capron, Margaret B. Capron, B. F. Harris, May M. Harris, N. M. Harris, Mary B. Harris, Melissa M. Harris, are personally known to me to be the same persons whose names are subscribed to the foregoing instrument, appeared before me this day in person and acknowledged that they signed, sealed and delivered the said instrument as their free and voluntary act, for the uses and purposes therein set forth.

Given under my hand and notarial seal this 18th day of March A. D. 1915.

(SEAL)

W. E. C. CLIFFORD, *Notary Public*.

O. K. O. A. HARKER, *Legal Counsel*.

On motion of Mr. Hopkins, the committee voted to recommend that Mr. Capron's bond be accepted.

OFFER OF BRONSON PROPERTY.

The committee took no action concerning the offer of the Bronson property at \$25,000. (Minutes, March 9, 1915, page 223.)

PROPERTY IN CHAMPAIGN.

On motion of Capt. Trevett, the committee voted to recommend that the board authorize Mr. F. M. Vanneeman to secure options for the purchase of certain land in Champaign. (Minutes, March 9, 1915, page 225.)

APPROPRIATION BILL.

Vice President Kinley presented, for President James, a memorandum on the bill to be introduced into the General Assembly now in session.

[MEMORANDUM FOR THE BOARD OF TRUSTEES IN RE UNIVERSITY  
APPROPRIATION BILL.]

In the memorandum which I laid before you March 5, 1913, concerning the appropriation bill, which was the first to be passed on the basis of the proceeds of



the mill tax for the support of the University (see p. 187 of the 27th report of the Board of Trustees of the University of Illinois for the two years ending June 30, 1914), I stated that the State Auditor had informed us that the tax had been levied for 1912 on a total State assessment of \$2,343,673,232, and that if the mill tax were fully collected it would yield in round numbers \$2,343,673.23. Deducting from that sum four per cent of the amount for costs of collection, ordinary abatements, including errors, insolvencies, forfeitures, commissions, etc., the sum we might expect to realize would be \$2,249,926.

It was upon the basis of this estimate for both years that the bill was finally passed by the Legislature appropriating the sum of \$2,250,000 per annum from the proceeds of the mill tax.

According to the last report of the Auditor of Public Accounts dated December 31, 1914, the net amount realized and paid to the State Treasury on the tax levy of 1912 was \$2,267,004.17 (see statement No. 18, page 125).

This sum was available for the use of the University July 1, 1913, to cover the fiscal year beginning July 1, 1913, and ending June 30, 1914.

At the time the report was made by the Auditor, it was not certain what the total assessed valuation of the property of the State for taxable purposes would amount to for the year 1913, and the Legislature appropriated for that year the same sum as for the preceding—namely, \$2,250,000, or for the biennium \$4,500,000.

The total assessment of State property, however, for the year 1913, rose to \$2,422,361,952, and the mill tax if fully collected would have amounted to \$2,422,361. Making the same deduction as for the preceding year, the amount due the University under the mill tax would have been \$2,325,467, or \$75,000 more than was appropriated, which with the \$17,004 yielded by the mill tax for the first year more than was appropriated, would make a balance in the Treasury unappropriated on June 30, 1915, of \$92,471. According to the Auditor's report, above referred to, for December 31, 1914, statement No. 21, the amount charged to the mill tax, which I take it included the back taxes, as well as the mill tax due on the assessed valuation, amounted to \$2,451,888.66; but the amount collected was only \$2,241,637.62 as stated in that report, representing a deficiency of \$210,251 on collections of the year, or a sum less than the amount appropriated for the year by \$8,363.

This was balanced, however, by the \$17,000 produced by the mill tax fund in excess of the appropriation for the preceding year, so that if there had been no collections later than the date given in the Auditor's report we should have come out with about \$8,000 balance in the amount yielded by the mill tax for the biennium in excess of our estimate.

The sum of \$2,422,361, which would have been yielded by the tax levy of 1913 if it had all been collected, was available for the use of the University from July 1, 1914, to June 30, 1915, and that is the basis upon which we have been running for the fiscal year which closes June 30, 1915.

From later statements from the Auditor's office, it appears that much of this money which was deficient when the statement (No. 21, page 131) was made, has been paid in. From a letter received from him dated March 31, 1915, it appears that on March 1 the unexpended appropriations of the mill tax fund amounted to \$723,993.91. The amount of the University fund on hand in the Treasury at that date was \$934,473.96. There will be, therefore, in the mill tax fund on June 30, 1915, an unappropriated balance of \$210,480.05 from the tax levies of 1912 and 1913.

The tax levy for the year 1914 was based on a total equalized assessment of \$2,455,745,799. The mill tax therefore would yield, not counting cost of collection, \$2,455,745 for the fiscal year beginning July 1, 1915. Deducting four per cent as before, we may reasonably expect the sum of \$2,357,516 from the yield of the mill tax for the said academic year.

The total equalized assessment rose from \$2,343,673,232 in 1912 to \$2,422,361,952 in 1913, and to \$2,455,745,799 in 1914, i. e., it rose about \$80,000,000 in round numbers from 1912 to 1913, and \$35,000,000 from 1913 to 1914.

Under date of March 31, 1915, the Auditor writes, "It is impossible at the present time to estimate what the assessment rolls for 1915, 1916, 1917 will amount to. But I will be greatly disappointed if as a result of the quadrennial assessment on lands and lots, which commences to-morrow, the total assessment of the State is not increased from three to five hundred million dollars. At all events I think it would be safe to count on \$2,700,000 for 1915, and for the ensuing two years the increase as evidenced by past assessments would be from ten to forty million dollars each year. Taking an assessment of \$2,700,000, it would be safe to say that the University mill tax would net \$2,575,000 per annum (from 1915 on)." If we should count only four per cent, the mill tax would yield for the fiscal year beginning July 1, 1916, the sum of \$2,592,000.

Taking the estimate then for the yield of the mill tax for the fiscal year beginning July 1, 1915, at \$2,357,516, and for the fiscal year beginning July 1, 1916, at \$2,592,000, the total expected yield of the mill tax for the biennium would be \$4,949,516, which with the \$210,000 estimated by the Auditors as likely to be in the Treasury unappropriated on June 30, 1915, makes a total of \$5,159,516.

I am proposing to our representatives, therefore, to introduce a bill exactly similar to that passed by the last Legislature, except that in accordance with the vote of the board, I have asked that the appropriation be made in a lump sum, and that the unappropriated balance on hand July 1, 1915, be appropriated for the work of the first year, and the same reads as follows:

#### A. BILL

For an Act making appropriations for the University of Illinois.

SECTION 1. *Be it enacted by the People of the State of Illinois, represented in the General Assembly:* That there be and is hereby appropriated to the University of Illinois for the biennium beginning July 1, 1915, the sum of five million one hundred and fifty-nine thousand five hundred and sixteen dollars (\$5,159,516), pay-

able out of the money paid into the State Treasury and set apart as a fund for the use and maintenance of the University of Illinois, in accordance with an act entitled: "An Act to provide by State tax for a fund for the support and maintenance of the University of Illinois," approved June 10, 1911, in force July 1, 1911, payable as follows:

For maintenance, equipment, general operating expense, purchase of land and erection of buildings, two million five hundred and seventy-nine thousand seven hundred and fifty-eight dollars (\$2,579,758) per annum.

SECTION 2. The appropriations made herein shall be paid only out of moneys paid into the State Treasury and set apart for the use and maintenance of the University of Illinois in accordance with the provisions entitled "An Act to provide by State tax for a fund for the support and maintenance of the University of Illinois," approved June 10, 1911, in force July 1, 1911.

The Auditor of Public Accounts is hereby authorized and directed to draw his warrants from time to time upon the State Treasurer for amounts expended or bills then due, from the sums herein appropriated, payable severally to the persons named, upon the presentation of itemized vouchers therefor, certified to by the President and Secretary of the Board of Trustees of the University of Illinois, with the corporate seal of the University attached thereto.

P. S.—If we accept the Auditor's estimate of \$2,575,000, instead of my estimate of \$2,592,000 for the year beginning July 1, 1916, the total to be appropriated will be \$5,142,516, and the annual sum will be \$2,571,258.

On motion of Capt. Trevett, the committee voted to approve the general scheme of the bill as prepared by President James.

#### EMPLOYMENT OF AUDIT COMPANY.

The chairman was authorized to employ the United States Audit Co. to make the regular quarterly audits of the accounts of the University.

The committee adjourned.

H. E. CUNNINGHAM, *Clerk*.

The report was considered by sections.

#### TREASURER'S BOND APPROVED.

On motion of Mr. Hoit, the bond of Mr. Capron as Treasurer was accepted and approved, and the Secretary was instructed to notify Mr. Busey that Mr. Capron has been elected and qualified as Treasurer and to request Mr. Busey to turn over to Mr. Capron all funds, books, and securities belonging to the University and in his possession, accepting therefor Mr. Capron's receipt as Treasurer.

#### RATE OF INTEREST ON TREASURER'S BALANCES.

Mrs. Henrotin moved that action on the recommendation concerning the rate of interest to be paid by Mr. Busey be deferred.

Mrs. Busey moved as a substitute that the recommendation of the Finance Committee that the rate be fixed at one per cent be concurred in.

This matter was discussed at length. President James advised very strongly that this action be not taken.

At this point Mr. Trevett withdrew, the absence of a quorum having been noted, the board adjourned.

R. F. CARR, *Chairman*.

H. E. CUNNINGHAM, *Secretary*.

### Meeting of the Executive Committee, April 27, 1915.

A meeting of the Executive Committee of the Board of Trustees of the University of Illinois was held at the University, in Urbana, on Tuesday, April 27, 1915, immediately following the adjournment of the meeting of the Board of Trustees on the same date.

Mr. Carr and Mr. Hoit, members of the Executive Committee, and Mrs. Busey, Mrs. Evans, Mrs. Henrotin, and Miss Watson, members of the board, and President James, were present. Mr. Hoit acted as Chairman during the forenoon.

#### MATTERS PRESENTED BY THE PRESIDENT OF THE UNIVERSITY.

The Executive Committee proceeded to the consideration of the following matters presented by President James:

##### DISCONTINUANCE OF INCOME TAX, P. & S. BONDS.

(1) A letter from Mr. L. E. Knorr, Acting Comptroller, enclosing a copy of a letter from Judge O. A. Harker, Legal Counsel, and a copy of a letter from the Comptroller to Dr. F. B. Earle, stating that the University will decline to advance the normal income tax of one per cent on account of interest paid to the holders of the 1901 issue of bonds of the College of Physicians and Surgeons of Chicago:

April 19, 1915.

*Dr. David Kinley, Vice President, University of Illinois.*

DEAR SIR: You will recall that, under the Federal Income Tax Law, we are depositing with the Trustees of the two bond issues of the College of Physicians and Surgeons an amount representing one per cent of the total bond interest paid. From this deposit is paid the normal income tax of one per cent of those bond holders not exempt under the income tax law.

The reason that this deposit seemed necessary was probably the fact that the bonds of the 1912 bond issue specifically provided that bond interest was to be paid to bond holders free from any deductions on account of taxes, etc. However, examination of the bonds of the 1901 bond issue amounting to \$109,000, as well as examination of the trust deed securing this issue, failed to disclose any provision requiring the College of Physicians and Surgeons to guarantee payment of interest against deductions.

I, therefore, submitted a copy of the trust deed, as well as a bond of the 1901 issue, to Judge Harker for an opinion as to whether or not the University was required to make this deposit of one per cent to cover the normal income tax. I am enclosing herewith a copy of the opinion received from Judge Harker to the effect that the University is not required to make this deposit. I am enclosing also a copy of a letter to Dr. Frank B. Earle, trustee for this bond issue, notifying him that the University will no longer make a deposit to care for this normal income tax.

Unless, therefore, there is objection, we will continue to pay the normal income tax on the 1912 bond issue amounting to \$36 per year, but will discontinue to pay the normal income tax on the 1901 bond issue amounting to \$65.40 per year.

Very truly yours,

L. E. KNORR, *Acting Comptroller.*

On motion of Mr. Carr, the action of the Comptroller was approved.

#### LEASE OF McCULLOUGH LAND.

(2) A letter from the Acting Comptroller concerning the leasing from Mr. John McCullough of forty acres of land:

March 22, 1915.

*President Edmund J. James, University of Illinois.*

DEAR SIR: Under authority of the Board of Trustees, I have leased from John McCullough forty acres of land for the period from April 1, 1915, to November 15, 1915, at a rental for the entire period of \$500, payable on or before July 10, 1915. The land is described as the southwest quarter of section 29, township 19, north of range 9, east of the Third Principal Meridian. It is to be used by the Department of Animal Husbandry for grazing purposes.

Very truly yours,

L. E. KNORR, *Acting Comptroller.*

On motion of Mr. Carr, the action of the Comptroller was approved.

#### APPOINTMENT TO COMMITTEE ON CERAMICS.

(3) A letter from Mr. A. E. Huckins, Secretary of the Illinois Clay Manufacturers' Association, stating that the association had nominated Mr. Eben Rogers, of Alton, Ill., for membership on the Advisory Committee on Ceramics, in place of Mr. D. V. Purington, deceased.

On motion of Mr. Carr, Mr. Eben Rogers was appointed a member of the Advisory Committee on Ceramics for the term of one year.

#### BOOK ORDERS FOR 1915-16.

(4) A request from Librarian P. L. Windsor that he be given authority to place orders immediately for the purchase of books to be delivered after July 1, 1915, at a cost of not more than \$15,000, the amount to be charged against the book appropriation for the fiscal year 1915-16; and that similar authority be given for the purchase of books for the library of the College of Medicine, at a cost of not more than \$1,000.

On motion of Mr. Carr, the Librarian was authorized to order books as requested and the sum of \$16,000 was appropriated for this purpose.

#### UNIVERSITIES COMMITTEE ON MEDICAL EDUCATION.

(5) A communication from a committee, of which Dr. Frank Billings was Chairman, concerning certain proposed action in cooperation with Northwestern University, University of Chicago, and Loyola University of Chicago, in the matter of medical education in the State of Illinois.

A self-constituted committee, calling itself the Universities Committee on Medical Education, which I was invited to join, has held certain meetings in Chicago to discuss the possibility of improvements in medical education in the State of Illinois.

I did not accept membership on this committee, and have not attended any of its meetings. They propose certain cooperative action among the four universities: Northwestern University, University of Chicago, Loyola University, and the University of Illinois.

April 9, 1915.

*President Edmund James, University of Illinois, Urbana, Ill.*

DEAR SIR: We, the undersigned Executive Committee of the Universities Committee on Medical Education, respectfully submit the enclosed material for the consideration of your organization.

The points upon which the various organizations are asked to agree are contained in Formal Resolutions I, II, III, IV, and V. We are including, however, the minutes of the preliminary conference at which the Universities Committee was

suggested, and also the first meeting of the authorized Universities Committee of fifteen members.

Will you kindly obtain early consideration of these resolutions, and submit your reply to the Secretary, Dr. Franklin H. Martin, Room 1308, 30 North Michigan Avenue, in order that it may be considered at the next meeting of the committee to be held on April 29, 1915.

It will be desirable, too, that formal action on the part of your board be obtained in approving the personnel of the men appointed by your President to represent you on the Universities Committee of fifteen.

Respectfully submitted,

FRANK BILLINGS, *Chairman.*

ARTHUR DEAN BEVAN.

W. A. EVANS.

A. J. OCHSNER.

FRANKLIN H. MARTIN, *Secretary.*

In order to facilitate the consideration of the matter by the Board of Trustees, the President of the board asked the Attorney General of the State for his opinion as to the authority of the Board of Trustees of the University of Illinois to enter into any such arrangement. The letter is herewith appended, with the opinion of the Attorney General.

URBANA, ILL., April 12, 1915.

Hon. Patrick J. Lucey, Attorney General, Springfield, Ill.

DEAR SIR: By direction of the President of the Board of Trustees of the University of Illinois, I am writing in the absence of President James on account of illness, to ask if you will kindly give your opinion as to the legal rights of, and limitations upon, the University in connection with a proposed agreement between four university medical schools, of which it is suggested that the University of Illinois Medical School be one; whereby the matters contained in the formal resolutions described below shall be a ground of common action for the four universities. At a recent meeting of some representatives from these different institutions, President James not being present, the formal resolutions herewith enclosed were adopted. You will see from an inspection of these formal resolutions that it is proposed that the universities concerned, including the State University, shall agree to act in unison with the other universities on fixing a minimum standard:

1. Of preliminary educational requirements for admission.

2. Of educational requirements and length of period of study for graduation.

It is proposed further that the universities may agree:

1. To influence the State Legislature to authorize the State Board of Health to maintain a standard of admittance to practice in conformity with the standards of the universities.

2. To cooperate in directing the graduate medical teaching of Cook County, that it may be under the educational influence and control of the universities.

These proposed agreements are set forth in greater detail in the attached paper, marked Exhibit A.

The questions on which the President of the Board of Trustees requests your opinion for the guidance of the board are as follows:

1. Is it within the power of the University of Illinois as a State institution, under its charter, to make an agreement with other institutions as to requirements of admission, or requirements of graduation, thus in effect giving to the other institutions, parties to the agreement, a voice in determining admission to and graduation from the University of Illinois.

2. Is it within the province and right of the University of Illinois, a State institution, through its officers to agree with others to influence, or try to influence, the Legislature in matters relating to medical education?

3. Is it within the province or right of the University of Illinois to influence, or try to influence, the State Legislature to require or authorize the State Board of Health to maintain a standard of admission to the practice of medicine in conformity with the requirements of the universities, parties to the agreement?

Trusting that you may find it possible to oblige the University with your opinion at an early date, I am

Respectfully yours,

DAVID KINLEY, *Vice President.*

#### [EXHIBIT A.]

Arrangements which it is proposed shall be entered into by the University of Chicago, Northwestern University, Loyola University, and the University of Illinois.

1. To fix a minimum standard of preliminary educational requirements for admission as follows:

*Resolved*, That this committee recommend for adoption by the medical departments of the four universities represented, that the minimum requirement for admission to each of their respective medical departments, beginning with the academic year 1915, shall be:

(a) A standard four-year high school course, or its equivalent;

(b) Two years of college work which shall include one year's study each of chemistry, physics, and biology as agreed to by the American Medical Association and the Association of American Medical Colleges.

2. With reference to requirements for graduation from medical schools:

"That each (university) agree upon the four-year medical curriculum for their medical departments, beginning with the academic year 1915, as agreed to by the American Medical Association and the Association of American Medical Colleges."

3. With reference to influencing the State Board of Health:

"That the universities agree to unite in an effort to secure one year as a hospital interne, as a requirement of the State Board of Health for license to practice in Illinois after 1920."

Further, that the universities shall attempt to secure legislation which will authorize the State Board of Health to make a standard of license to practice in Illinois which shall be in conformity with the standards adopted by the universities.

April 17, 1915.

*Education: School Officers.*

*Re Board of Trustees of University of Illinois.*

*Hon. David Kinley, Vice President, University of Illinois, Urbana, Ill.*

DEAR SIR: Your communication of the 12th instant with a copy of the main features of an agreement which it is proposed shall be entered into by the Trustees of the University of Illinois with the governing authorities of three other universities, all of which universities are private corporations, has been received.

This proposed agreement relates to the Medical Departments of the University of Illinois, a public corporation governed by State officers elected by the People, and the Medical Departments of the University of Chicago, the Northwestern University, and the Loyola University, private corporations governed by corporation-chosen trustees or directors, and provides for the joint action of these different governing bodies for substantially the following purposes: (1) To fix a minimum standard of preliminary educational requirements for admission to the medical schools of the universities in this State; (2) to fix uniform requirements for graduation from medical schools; (3) to secure a requirement by the State Board of Health that service for one year as a hospital interne will be necessary for a license to practice medicine in Illinois after 1920; (4) to influence the Legislature to authorize the State Board of Health to maintain a standard of admittance to practice medicine in conformity with the standards of the medical schools of the universities of the State.

Upon this statement you request my opinion upon the three following questions:

(1) Is it within the power of the University of Illinois as a State institution, under its charter, to make an agreement with other institutions as to requirements of admission, or requirements of graduation, thus in effect giving to the other institutions, parties to the agreement, a voice in determining admission to and graduation from the University of Illinois?

(2) Is it within the province or right of the University of Illinois, a State institution, through its officers to agree with others to influence, or try to influence, the Legislature in matters relating to medical education?

(3) Is it within the province or right of the University of Illinois to influence, or try to influence, the State Legislature to require or authorize the State Board of Health to maintain a standard of admission to the practice of medicine, in conformity with the requirements of the universities, parties to the agreement?

In reply to your first question I will say that the Trustees of the University of Illinois are State officers, and are now elected by the People of the State. [Hurd's Stat. 1913, p. 2471, chap. 144, pars. 17-18.] These officers were created by the act establishing the institution now called the University of Illinois [Hurd's Stat. 1913, p. 2471, chap. 144, par. 16] a public corporation with power to regulate and control such University. All the powers of said Trustees were defined in the act providing for the organization of this institution. Their general powers as a corporate body are defined in the first section of this act to be found in the public laws of Illinois [Sess. Laws of 1867, p. 123] in the following language:

"That it shall be the duty of the Governor of this State within ten days from the passage of this act, to appoint five trustees, resident in each of the judicial grand divisions of this State, who, together with one additional trustee, resident in each of the congressional districts of this State, to be appointed in like manner, with their associates and successors, shall be a body corporate and politic, to be styled 'The Board of Trustees of the Illinois Industrial University'; and by that name and style shall have perpetual succession, have power to contract and be contracted with, to sue and be sued, to plead and be impleaded, to acquire, hold, and convey real and personal property; to have and use a common seal, and to alter the same at pleasure; to make and establish by-laws, and to alter or repeal the same as they shall deem necessary for the management or government, in all its various departments and relations, of the Illinois Industrial University, for the organization and endowment of which provision is made by this act, said appointments to be subject to approval or rejection by the Senate at its next regular session thereafter, and the appointees to be and they are hereby authorized to act as Trustees as aforesaid, until their successors shall be appointed by the Governor, and such appointment shall be approved by the Senate."

The powers of said trustees with reference to the conduct of said University, the methods of teaching therein, the requirements for admission of students and for the issuing of certificates of attainments to students, however, are defined and limited by sections 7, 8, 9, and 10 of this same act to be found on pages 125, 126, and 127 of the Public Laws of 1867. These sections provide, among other things, that the Board of Trustees may accept the endowment of voluntary professorships or departments in the University, and at any regular meeting of the board may prescribe rules and regulations in relation to such endowments and declare on what general principles they may be admitted, and provides further that they shall, as far as practicable, arrange all the regular and more important courses of study and lectures in the University so that the students may pass through and attend upon them during the six autumn and winter months, and be left to return to their several practical arts and industries at home during the six spring and summer months of the year, or to remain in the University and pursue such optional studies or industrial avocations as such students may elect; provides further that no student shall at any time be allowed to remain in or about the University in idleness or without full mental or industrial occupation; and provides further that no student shall be admitted to instruction in any of the departments of the University who shall not have attained to the age of fifteen years, and who shall not previously undergo a satisfactory examination in each of the branches ordi-

narily taught in the common schools of the State. Said sections further provide that scholarships, under certain conditions, may be issued to the pupils of the common schools in the State, and beyond the limitations of these several sections the power is granted to the Board of Trustees of the Industrial University to prescribe by rules and regulations at a regular meeting of the board the requirements for admission of pupils and the requirements under which they may be allowed to graduate.

The act by which the name of the institution was changed from the Illinois Industrial University to the University of Illinois gave to the University of Illinois the same powers as were formerly legally exercised by the Illinois Industrial University. See par. 16, chap. 144, Hurd's Stats., 1913, p. 2471.

The act of 1873 to be found in paragraphs 17 and 18 of chapter 144, Hurd's Revised Statutes, 1913, page 2471, which changed the method of choosing the Trustees from appointment by the Governor to election by the People, also by the last seven lines in paragraph 18 changed or added to the power of the Trustees in the following language:

"Said Board of Trustees may appoint an Executive Committee of three chosen out of their own number, which committee, when said board is not in session, shall have the management and control of the University and its affairs, and for that purpose shall have and exercise all the powers which are necessary and proper for such object, except in so far as the board may reserve such powers to itself, and any powers granted at any time by said board to such Executive Committee, the board may at any time revoke."

It will be noted that this section of the law limits the membership of this Executive Committee to members of the Board of Trustees duly elected by the People.

By paragraphs 170 to 175, inclusive, of chapter 122, Hurd's Revised Statutes, 1913, page 2215-16, a change was made as to scholarships provided for in section 9 of the original organic act, but expressly provides, in paragraph 174 of this chapter, that these scholarships shall not be available to students in the professional schools and colleges of the University.

There are other statutes which authorize the creation of other departments of the University, as is done by the act of 1909, authorizing the creation of a Mining Engineering Department of the University, but I am unable to find any statute, other than those above cited, which grants or affects the grant of any power to the Board of Trustees of the University of Illinois or to the University of Illinois itself which must act by and through such trustees.

It is a well settled principle of law that public officers can legally exercise only such powers as are expressly granted to them by the law creating such office, and, in addition thereto, such implied powers as are reasonably necessary for the proper and complete performance of the duty or power expressly enjoined or granted, and all laws granting powers to public officers are to be strictly construed. See *City of Chicago v. Hammon*, 115 Ill. App., 183, and *Diederich v. Rose*, 228 Ill., 610.

I am unable to find where any law expressly gives power to the Trustees of the University of Illinois to appoint or substitute, by contract or otherwise, persons other than three of the duly elected Trustees of said University to regulate or fix the requirements for admission to the University or any school or college which is a part thereof. This power cannot be implied, because such implication is negatived by the provision authorizing the appointment of an Executive Committee of three Trustees to control the University when the board is not in session, and by another provision in paragraph 18 of chapter 144 above cited, which provides for the filling of vacancies in the Board of Trustees by the appointment of the Governor.

The right to contract and to be contracted with given to the said Board of Trustees by section 1 of the organic act above quoted must of necessity be limited to contracts relating to the control of the University within the express or implied powers of the said Board of Trustees which are granted by the other sections of the act as above cited. It certainly does not extend to an unlimited power of general contract without reference to the subject matters over which the board is given powers, and hence does not extend to the making of any contract not within such powers expressly or impliedly given. Hence the power of delegating, by contract or otherwise, the authority of the Board of Trustees of the University of Illinois, which is given to that board by this statute, to wit, to regulate and fix the terms of admission and graduation of students in the various colleges and schools of said University, to persons other than Trustees, not being expressly or impliedly given by law, it would seem that the Board of Trustees of said University would not have the authority to make or enter into a contract which directly or indirectly would in effect substitute or delegate this power or a part thereof to the control or discretion of the governing boards or bodies of other universities.

In reply to your second question, I will say that the effect of the contract referred to in this question is to accomplish exactly the purposes which in my answer to your first question is held not to be within the power of the Board of Trustees of the University of Illinois, because the Legislature may from time to time change and alter the powers of the Board of Trustees of this University, and may from time to time change the requirements necessary to acquire medical education in that University. The General Assembly is the source of the existence of said University, and is the source of all its powers. It has no power except as the same has been expressly or impliedly given by the General Assembly of Illinois. The power may now be given to the Board of Trustees to fix these requirements, and this Board of Trustees may desire that the Legislature fix different requirements than are desired by the governing bodies of the other universities, yet this contract, if valid, would require common or joint action of the governing bodies of the University of Illinois with the governing bodies of the other three universities in procuring the Legislature to fix requirements that meet the views or judgments of the other universities, which contract would be delegating

the powers of discretion and judgment to this Board of Trustees of the University of Illinois to the representatives of four different Boards of Trustees.

This answer does not consider the question of public policy involved in bringing together by contract three private corporations with a public corporation acting as a public officer, in influencing another branch of the State Government, in the matter of making laws affecting the whole people, and upon this question it is not necessary, in the conclusion I have reached, to express an opinion.

In reply to your third question I will say that it is in principle the same as the first and second questions, and differs only in the fact that it relates to a contract which would require the University of Illinois to join private corporations in an effort to influence legislation, to control the State Board of Health, another agency of the State Government empowered by the General Assembly to fix the standards of admission to practice medicine in this State, and would again be delegating the powers of the Board of Trustees of the University of Illinois to a body composed, in part of others than such trustees, and would not come within any power expressly or impliedly given by law to the Board of Trustees of the University of Illinois.

As I said before, the question of the validity of a contract on the part of a public officer with private persons or corporations to unite in seeking to influence the General Assembly in the matter of legislating concerning the power of another public officer would necessarily enter into this part of the contract which you submit, but in view of the fact that it is my opinion that the contract is *ultra vires* so far as the University of Illinois is concerned, for the reasons above set forth I refrain from discussing such question.

For the reasons above set forth, it is my opinion that each of the three questions you submit should be answered in the negative.

Very respectfully,

P. J. LUCEY, *Attorney General.*

In view of the opinion of the Attorney General, I recommend that the President of the University be authorized to inform the committee that the University of Illinois is not permitted by law to enter into such an agreement as is proposed.

On motion of Mr. Carr, the recommendation of President James was approved.

#### LEASE OF ROLAND TRACT.

(6) A letter from the Acting Comptroller reporting the leasing of the Roland tract in Champaign [see page 220].

March 27, 1915.

*President Edmund J. James, University of Illinois.*

DEAR SIR: As authorized by the special committee consisting of Mr. Carr, Mr. Trevett, and Prof. White, appointed by the Board of Trustees on March 9, 1915, I have leased from Mr. Anton Roland thirty-two and one-half acres owned by him, situated in William Williamson's Subdivision in Champaign. This lease is dated March 15, 1915, and runs for two years. Rent at the rate of \$700 per annum is to be paid quarterly.

I have also secured from Mr. Roland an option for the purchase of this property at any time within two years. The purchase price is to be \$50,000.

If the Board of Trustees so desires, the lease and option provide that Mr. Roland will extend the said lease and option from March 15, 1917, to July 15, 1917, upon receiving written notice from the Board of Trustees on or before October 15, 1916, that it will exercise its option to purchase. This provides for the Board of Trustees the opportunity of paying for this land, should it desire to purchase, from the funds available for the biennium 1917-19.

Yours very truly,

L. E. KNORR, *Acting Comptroller.*

This report was received for record.

#### FACULTY IN THE COLLEGE OF MEDICINE.

(7) A recommendation that, for purposes of recommending students for graduation from the College of Medicine, the faculty of that college shall consist of all persons of the rank of Assistant Professor and above who have given definite courses of instruction in the College of Medicine during the academic year 1914-15.

On motion of Mr. Carr, this recommendation was approved.

#### LEAVE OF ABSENCE FOR PROF. FRASER.

(8) A request from Prof. W. J. Fraser of the Department of Dairy Husbandry for a year's leave of absence. This request, which is endorsed by Prof. H. A. Harding, is approved by Dean Davenport in the following letter:

March 19, 1915.

*President Edmund J. James, University of Illinois.*

MY DEAR PRESIDENT JAMES: I am transmitting from the head of the Dairy Department, Dr. Harding, Prof. Fraser's request for a year's leave of absence on half pay to begin September 1, 1915. Prof. Fraser has served the University faithfully for more than twenty years. This is the first real opportunity he has had for getting away, and I hope it may be afforded. I only wish the rules of the University permitted an accumulation of this privilege—of which Prof. Fraser has never been able to avail himself—in such a way that he might go on full salary, but I suppose that is impossible. I, therefore, forward this request and the endorsement of Dr. Harding without further comment than is involved in the statement of my deep appreciation of Prof. Fraser's long and faithful service to us.

Very truly yours,

E. DAVENPORT.

On motion of Mr. Carr, President James was authorized to grant leave of absence on half-pay to Prof. W. J. Fraser for the year beginning September 1, 1915, provided suitable arrangements can be made for his work.

#### ACOUSTICS OF THE AUDITORIUM.

(9) A report from Prof. F. R. Watson on curing the acoustic defects in the Auditorium:

URBANA, ILL., March 16, 1915.

*Prof. J. M. White, Supervising Architect.*

DEAR SIR: The following report on the acoustics of the University Auditorium gives an account not only of the final cure but also a summary of the entire investigation.

The Auditorium is a large structure with its inner surface made up almost entirely of curved walls. Because of its large size and concreted walls with small absorbing power, it was afflicted with both a reverberation and echoes. This unfortunate condition proved beneficial in the respect that it allowed tests of faulty acoustics to be made under exceptionally good conditions. A systematic investigation, avoiding "cut and try" methods of cure, was inaugurated first to ascertain what the acoustical defects were, and then to investigate the methods of cure and apply them to correct the troubles.

Sabine has shown in his classical experiments on architectural acoustics that a reverberation may be corrected by installing sound absorbing materials. Calculations and experiments were made by Sabine's method to determine the amount of material necessary to reduce the reverberation in the Auditorium to a satisfactory point. The main problem, however, was to find the echoes and eliminate them.

The location of walls producing echoes was attempted by a number of methods and finally solved by using an arc light reflector as source of sound. The arc gave forth an intense hissing sound that traveled with the light so that an observer could see where the sound struck and thus locate the echoes. A complete diagnosis of the action of sound was made by this apparatus.

Experiments to improve the acoustics were then carried on in accordance with the results of the diagnosis. Sounding boards of various kinds were tested, the most successful one being of parabolic shape. This was not satisfactory as a permanent arrangement since it was suited for only a single speaker in a fixed position. Canvases were hung in various positions to determine the effect of cutting off certain walls from the action of sound. Absorbing materials were also hung at critical points suggested by the analysis. The provisional cure was brought about when four large canvases were hung in the dome. For the first time speakers could talk with comparative ease without suffering great annoyance from echoes.

From the acoustical standpoint the Auditorium was then in fairly satisfactory shape. The canvas curtains, however, were very unsightly and did not accord with the architectural features of the room. Steps were then taken to find an arrangement that would satisfy both the acoustical and architectural requirements. Calculations were made by Sabine's method to determine the amount of hairfelt necessary to cure the reverberation. Unfortunately this amount was not sufficient to cover all the walls producing echoes. It was desirable to eliminate the echoes but it was risky to install too much absorbing material and make the Auditorium too dead for sound.

In the face of this difficulty it was decided to carry on further experiments before attempting the final cure. One of the large curved walls was covered with vertical strips of hairfelt 30 inches wide placed 30 inches apart with bare wall space between them. This arrangement had several advantages. It maintained the curvature of the wall and used only half the material necessary to cover the surface completely. Also, it was theoretically more effective in breaking up the incident sound because the portions of the waves striking the felt strips were strongly absorbed and changed in phase. The results obtained were encouraging though not as marked in diminishing the echoes as anticipated. Another wall was therefore padded in a similar way except that the felt strips were installed one foot out from the surface. This would allow the felt to act on both the incident and reflected waves and thus more thoroughly modify the regularity of the sound. The dome surface was also treated, the felt being mounted in radial strips placed 18 inches from the ceiling at the edge of the skylight and gradually nearing the wall until it touched at the crown of the arches.

The material used was Akustikos felt developed by the Johns-Manville Company under the direction of Prof. Sabine. The felt has excellent sound absorbing qualities and, in addition, is fireproof and vermin proof. It is installed by a special process and covered with a rep of suitable color so that it presents a final satisfactory appearance. The Johns-Manville Company agreed to install their felt at cost price because of the advertisement that would come to them in curing with their material the notoriously bad acoustics of the Auditorium.

I have been interested in making an estimate of the amount of money saved on the installation. According to Sabine's method we should have installed 6,300 square feet of the Akustikos felt. The usual charge made by the Johns-Manville Company for this felt is from 40 cents to \$1.00 or more per square foot depending on the difficulty of installing the material and the amount of expert investigation of the problem. A conservative estimate for the Auditorium, which was not only an unusual case acoustically but also one in which the installation of material would be difficult, would be 75 cents per square foot, or a total cost of \$4,725.

Now we saved in two ways. We obtained the felt and expert labor of installation at cost price, and also, by mounting the material out from the walls so that



its absorbing power was nearly doubled, we used only 3,315 square feet of felt instead of 6,300 square feet. We paid the Johns-Manville Company \$1,135.28 for materials and labor. To this should be added \$1,400 for the cost of scaffolding and wooden ribs constructed for mounting the felt, a total of \$2,535.28, or a saving of at least \$2,186.72. The likelihood is that we should have paid \$1 per square foot for the felt, thus making the saving somewhere between \$3,000 and \$4,000, instead of the conservative estimate as shown.

Other changes were made in the Auditorium. A pipe organ was installed, the lighting system was changed, and the interior was redecorated. All of these modifications affected the acoustics and were considered when calculating the amount of hairfelt to be used.

The results obtained have been generally satisfactory. The remodeled Auditorium has been used almost continuously under varied conditions for music and speaking and has been found to have acceptable acoustics. A speaker with a moderate voice can be heard and understood by auditors in the most distant seats. According to experts, the music of the pipe organ is satisfactorily rendered. The room is suited also for orchestra music although for this case the carpet is removed from the stage so as to provide a sounding board for the instruments. The reverberation is not excessive even when no audience is present so that rehearsals may be conducted under favorable conditions. Several instances of echoes have been reported but these do not appear to prevent the words of the speaker being understood.

While the best evidence for the improved conditions was furnished by the favorable opinion of auditors, it was deemed desirable to get additional information by experiment. Accordingly, the time of reverberation was determined experimentally by Sabine's method and proved to have the acceptable value of 1.81 seconds with an average audience of 1,200 people. Calculations showed that the absorbing power of the hairfelt was increased by mounting it out from the walls. Echoes were tested by the arc light reflector. The padded walls diminished the sound to such an extent that they produced little trouble, but several unpadded walls of comparatively small area produced echoes under particular conditions. For instance, when the speaker faces such a wall so that the auditor can see the profile of his face, an echo is perceptible. This is because the sound passing directly to the auditor is diminished while that reflected from the wall is augmented.

Aside from these weak echoes the acoustics appear to be satisfactory. It may be well to consider the future possibility of padding the pendentives in the dome. I call attention again to the desirability of placing a cork carpet, or similar material, in the front lobby and on the stairs leading to the balcony.

Respectfully submitted,

F. R. WATSON, *Assistant Professor of Physics.*

This report was received for record.

#### STATE LEADER IN JUNIOR EXTENSION.

(10) A recommendation that Mr. James H. Greene, of LaGrange, Ind., be appointed State Leader in Junior Extension (boys' and girls' club work) in cooperation with the United States Department of Agriculture, under the terms of our articles of agreement with that department, at a salary of \$1,800 a year, on twelve months' basis, for a term of two years beginning July 1, 1915. The understanding with the Department of Agriculture at present provides that the department shall pay one-half the salary and expenses.

On motion of Mr. Carr, this appointment was made.

#### AUTHORITY TO CONFER DEGREES IN PHARMACY.

(11) A request for authority to confer the degree of Graduate in Pharmacy (Ph.G.) on the following persons recommended by the Faculty of the School of Pharmacy:

Richard Joel Anderson.  
Samuel Leon Baker.  
Mike Robert Bianco.  
Frederick Evenson Boehm.  
Marshall Theodore Brekke.  
Walter Otto Buckrucker.  
Guy Brooks Davis.  
Ray Robbins Davis.  
Grover Oliver Drais.  
Harry Leo Eberly.  
Roy Fred Fraser.  
Victor Leo Gelspitz.  
Louis Andrew Gorham.  
Louis Leo Haffner.  
Ralph Hawthorne.  
Michael Jacobson.  
George William Jindrich.  
Archie Kirkwood Johnson.  
Joseph John Kakacek.  
Rudolph Henry Krebs.

Theodore August Joseph Leckband.  
Charles James Lesko.  
Stephen Edward Malkewicz.  
Bates A. Marriott.  
Philip Aloysius Masterson.  
Franklin Christopher Mueller.  
Frank Charles Niemeyer.  
Oswald Edward Fred Obermiller.  
Joseph Winfred Rayercraft.  
Robert Charles Reed.  
Harold Franklin Seeger.  
Bayard Edwin Simmons.  
Ernest Lee Slinkard.  
Clifford Ross Spalding.  
August Ferdinand Stahl, Jr.  
Stewart Strain.  
Roy William Woelffer.  
Lawson Jacob Cooke, (Class '13).  
Fred Lehman Leib (Class of '14).  
Lillian Vorsanger, (Class of '12).

On motion of Mr. Garr, authority to confer degrees in Pharmacy was granted.

At this point, the Executive Committee took a recess, for luncheon, until 2.00 p. m.

### Afternoon Session, April 27, 1915.

When the Executive Committee resumed its session, after luncheon, all the members of the committee were present, namely, Mr. Abbott, Mr. Carr, and Mr. Hoit; also Mrs. Busey, Mrs. Evans, and Miss Watson, members of the board, and President James. During a part of the afternoon, Prof. J. M. White, Supervising Architect, was present.

#### MATTERS PRESENTED BY THE PRESIDENT OF THE UNIVERSITY.

The committee continued its consideration of matters presented by President James.

##### REQUIREMENTS FOR ADMISSION.

(12) A recommendation of the University Senate that the following changes in the requirements for admission, Lists B and C as outlined on pages 71 and 72 of the Annual Register for 1914-15, be made:

##### DOMESTIC SCIENCE.

That the item in List C which now reads "Domestic Science, 36 weeks, 1 unit" be amended to read "Domestic Science, 36 to 72 weeks, 1 to 2 units."

##### PHYSICS.

That the item in List B which now reads "Physics, 36 weeks, 1 unit" be amended to read "Physics, 36 to 72 weeks, 1 to 2 units."

##### SPANISH.

That the item in List B which now reads "Spanish, 36 to 72 weeks, 1 to 2 units" be amended to read "Spanish, 36 to 144 weeks, 1 to 4 units."

The effect of these changes is to permit a high school student to elect a larger amount of work in these subjects and to receive correspondingly greater credit for admission to the University.

On motion of Mr. Hoit, this recommendation was approved.

##### RESIGNATION OF PROF. I. O. BAKER.

(13) A letter from Dr. Ira O. Baker, Professor of Civil Engineering, resigning his position as head of the Department of Civil Engineering, with a request that he be allowed to continue as Professor of Civil Engineering at his present salary.

On motion of Mr. Carr, Prof. Baker's resignation as head of the department was accepted, with the understanding that he is to continue as Professor of Civil Engineering at his present salary.

##### RESOLUTIONS CONCERNING DR. BAKER.

On motion of Mr. Hoit, the following resolutions were adopted:

WHEREAS, Dr. Ira Osborn Baker has served the University continuously for forty-one years as Instructor, Assistant Professor, and Professor of Civil Engineering, and thirty-seven years as head of the Department of Civil Engineering; and WHEREAS, Dr. Baker's resignation as head of the Department of Civil Engineering has just been received and accepted; therefore, be it

*Resolved*, That the President and the Board of Trustees of the University of Illinois express to Dr. Baker their appreciation of the notable service that he has rendered the Department of Civil Engineering, the College of Engineering, the University, and the engineering profession through his development of a great department, his interest in education, and his contributions to the literature of Civil Engineering.

##### APPOINTMENT OF MR. F. H. NEWELL.

(14) A recommendation from Prof. C. R. Richards, Acting Dean of the College of Engineering, endorsed by Dean W. F. M. Goss, that Mr. Frederick Haynes Newell be appointed Professor of Civil Engineering and head of the Department of Civil Engineering at a salary of \$5,000 a year, beginning as soon as he may report for duty.

On motion of Mr. Carr, Mr. Newell was appointed.

##### COMBINED COURSE IN LIBERAL ARTS AND LAW.

(15) A recommendation from the University Senate concerning the combined course in Liberal Arts and Law. The Senate recommends:

*First*—A student who has senior standing in the College of Liberal Arts and Sciences may take and count the first full year of law work for 30 hours of credit toward the A.B. degree, or, if he takes and successfully carries less than the full amount, it shall be counted only hour for hour toward the A.B. degree. If the bulk of the student's work in any semester is in law, he shall register in the College of Law. The College of Liberal Arts and Sciences shall not recommend for the A.B. degree any student who has not been one year in residence at the University.

*Second*—That law work, when taken as above, may be offered as a minor at the election of the student, under the proposed new requirements of the College of Liberal Arts and Sciences for the degree of Bachelor of Arts.

*Third*—That the present requirement, that candidates for the degree of Doctor of Law who are pursuing the combined course in literature and law shall take at least four hours' work in history or social science during the fourth year, be abrogated.

These recommendations were approved.

#### COLLEGE OF COMMERCE AND BUSINESS ADMINISTRATION.

(16) A recommendation of the University Senate concerning the organization of the new College of Commerce and Business Administration. The Senate recommends:

1. That such a college be opened next autumn under the name of the College of Commerce and Business Administration.

That the different lines of work in said college now included under the Administrative Department of Economics be divided into separate departments as follows:

a. Department of Economics, Finance, and Statistics.  
b. Department of Business Organization and Operation. (This would include the work in business law, accountancy, salesmanship, and advertising).  
c. Department of Transportation.

3. That programs of study be offered in the following lines:

a. Mercantile Business.  
b. Banking.  
c. Insurance.  
d. Accounting.  
e. Railway Traffic and Accounting.  
f. Railway Transportation.  
g. Foreign Commerce.  
h. Salesmanship and Superintendence in Engineering and Business Houses. (In cooperation with the College of Engineering.)  
i. Farm Organization and Management. (In cooperation with the College of Agriculture.)  
j. Commercial Secretaryships.  
k. Commercial Teaching.

l. Business and Law. (In cooperation with the College of Law.)

4. That for admission to the new College of Commerce and Business Administration the entrance requirements for any of the other colleges of the University be accepted.

5. That the courses in the Department of Economics, Finance, and Statistics which are of a general educational character shall be educationally classified in the College of Liberal Arts and Sciences also, and open as major or minor subjects, or free electives.

6. That the degree of Bachelor of Science be given to students completing any one of the courses in this college: provided that students now taking business courses in the University be graduated with the degree to which they would be at present entitled if they pursue the courses now outlined or a substantial equivalent.

On motion of Mr. Carr, these recommendations were approved.

#### WOMEN'S RESIDENCE HALL.

(7) Provisional plans for the proposed Residence Hall for women.

Prof. J. M. White, Supervising Architect, explained the plans in detail. These plans were discussed at length. On motion of Mr. Carr, the general scheme embodied in the plans was approved, and the Supervising Architect was directed to proceed with detailed plans.

#### SMITH-LEVER FUND.

(18) A request from the Acting Comptroller for authority to establish a new fund in the books of the University, to be known as the Smith-Lever Fund.

*April 13, 1915.*

*Dr. David Kinley, Vice President, University of Illinois.*

DEAR SIR: The regulations prescribed by the Department of Agriculture concerning the manner in which disbursements of Lever Funds are to be accounted for and audited seem to make necessary the establishment of a distinct fund. The department informs me that the Lever Funds will be subject to the same inspection as are the Hatch and Adams Funds. The department objected, however, to the inclusion of the Lever Funds with the Hatch and Adams Funds under our present United States Agricultural Experiment Station Fund. The only alternative seems, therefore, to be the creation of a new fund.

I recommended that the Board of Trustees authorize the establishment of a new fund to be known as the "Smith-Lever Fund." All receipts and disbursements under the so-called Smith-Lever Agricultural Extension Act are to be accounted for under this fund.

Yours very truly,

L. E. KNORR, *Acting Comptroller.*

On motion of Mr. Carr, this request was granted.

#### ADMISSION TO C. P. A. EXAMINATIONS.

(19) A recommendation from the University Committee on Accountancy suggesting an amendment to the regulation adopted on July 11, 1914 [page 10], concerning the requirements for admission to the C. P. A. examinations. The committee recommends that the words "or individuals" in paragraph (e) be stricken out, so that the paragraph shall read:

"A certificate showing that the applicant has passed examinations on the subject-matter of a four-year high school course, under the supervision and direction of educational bodies whose certificate would be accepted for admission to the University of Illinois."

On motion of Mr. Hoit, this recommendation was approved.

#### PLYM FELLOWSHIP AWARDED.

(20) A recommendation from Acting Dean C. R. Richards that Mr. A. R. Brandner, who has been nominated by the committee on the Francis J. Plym Fellowship in Architecture, be awarded the Plym Fellowship for the year 1915-16, in accordance with the usual regulations governing this fellowship.

On motion of Mr. Hoit, the Plym Fellowship was awarded to Mr. Brandner.

#### SETTLEMENT FOR ADDITION TO LIBRARY BUILDING.

(21) A recommendation from Prof. J. M. White, Supervising Architect, that a final settlement be made with Mr. A. W. Stoolman, contractor for the addition to the Library Building, upon the basis of a payment of \$289.42.

On motion of Mr. Hoit, this recommendation was approved and the necessary appropriation was made.

#### FIXED INDEBTEDNESS, COLLEGE OF MEDICINE.

(22) A statement from the Acting Comptroller concerning the fixed indebtedness secured by the properties of the College of Medicine and Dentistry.

March 16, 1915.

President Edmund J. James, University of Illinois.

DEAR SIR: For your convenience, the enclosed schedule shows in condensed form the fixed indebtedness secured by our Medical and Dental properties, as well as the amounts which presumably will be paid by the University of Illinois during the remainder of the present fiscal year and during the fiscal years 1915-16 and 1916-17.

It should be noted that, while no installment of the amount due to the Chicago Board of Education is due this fiscal year, the entire principal amount of \$56,000 is due on July 1, 1916. If this principal is met at that time, the entire amount necessary to meet the obligations on account of this fixed indebtedness during the biennium 1915-17 will be \$79,358.84.

Inasmuch as the bonds state that interest shall be paid to the holders of the bonds, free from any deductions on account of taxes, etc., it is necessary for the University to deposit, on account of the Normal Income Tax, an amount equal to one per cent of the interest paid. Approximately fifty per cent of this income tax deposit is returned to the University.

Of the total bond interest paid, the amount of \$528 is returned to the University on account of bonds held by it.

The item "charges of fiscal agents" consists of a charge of one-fourth of one per cent on account of payment of coupons, and a charge of one-eighth of one per cent for reporting to the Federal Government under the Income Tax Law.

Yours very truly,

L. E. KNORR, Acting Comptroller.

#### FIXED INDEBTEDNESS, COLLEGE OF PHYSICIANS AND SURGEONS.

Date issued.	Date due.	Description.	Amount.	Amount due July 1, 1915.	Amount due 1915-16.	Amount due 1916-17.
July 1, 1912	July 1, 1932	6 per cent gold bonds, first mortgage on Medical property....	\$ 60,000 00	.....	.....	.....
July 1, 1911	July 1, 1916	Board of Education notes, first mortgage on Dental property.	56,000 00	.....	\$56,000 00	.....
July 1, 1901	July 1, 1921	"High School" bonds, 6 per cent second mortgage on Dental property.....	109,000 00	.....	.....	.....
July 1, 1911	.....	Board of Education interest notes—				
		Note No. 8.....		\$1,400 00	.....	.....
		Note No. 9.....		.....	1,400 00	.....
		Note No. 10.....		.....	1,400 00	.....
		Bond interest—				
		On first mortgage bonds.....		1,800 00	3,600 00	\$3,600 00
		On "High School" bonds.....		3,270 00	6,540 00	6,540 00
		Normal income tax.....		50 70	101 40	101 40
		Charges of fiscal agent.....		19 01	38 02	38 02
		Total.....	\$225,000 00	\$6,539 71	\$69,079 42	\$10,279 42

This statement was received for record.

**STREET CAR LINE ON LINCOLN AVENUE.**

(23) A request from the Urbana and Champaign Railway, Gas, and Electric Company that the University assist in obtaining a franchise for a street car track on Lincoln Avenue, by signing the petition to the Honorable Mayor and City Council of the city of Urbana, to grant to the said Urbana and Champaign Railway, Gas, and Electric Company, the right, license, and franchise to build, construct, operate, and maintain a street railway on Lincoln Avenue running in the parking on the west side of Lincoln Avenue from the north edge of the Forestry of the University of Illinois to Pennsylvania Avenue on the south.

On motion of Mr. Hoit, this request was referred to the Committee on Buildings and Grounds for consideration and report.

**DRAFT OF ADDRESS TO THE GENERAL ASSEMBLY.**

(24) The draft of an address to the General Assembly in regard to the requests of the board for appropriations for the coming biennium, to be presented by the President of the University.

On motion of Mr. Carr, the address was approved and President James was authorized to present it to the General Assembly.

**EXPENSES OF CADETS AT SUMMER CAMP.**

(25) A request from Maj. F. D. Webster, Commandant, that the University pay the expenses of certain cadets, not to exceed twelve, to be selected, by the Commandant, to enable them to attend the Summer Military Camp at Ludington, Mich. The expense involved is about \$50 each.

No action was taken concerning this matter.

**ORGANIZATION OF ADDITIONAL BATTALION OF CADETS.**

(26) A request from Maj. F. D. Webster, Commandant, for authority to organize another Battalion of Cadets.

*April 24, 1915.*

*President E. J. James, University of Illinois.*

SIR: I desire to make the following recommendations to be placed before the Board of Trustees at its next meeting:

1. That I be authorized to make another Battalion in the Corps of Cadets next year, making two complete regiments of twelve companies each.

2. That I be authorized to organize a company of Engineers in addition to the Battery and Signal Company, now a part of the military organization. This can readily be done with the excellent material at hand among the students of the Engineering College who are members of the Corps of Cadets.

3. That I be authorized to organize a Hospital Company or detachment which is necessary to a brigade organization, and will enable us to have proper instruction in first aid, and camp and field sanitation.

4. That for this purpose the following additional scholarships for officers be authorized:

Infantry .....	17
Engineers .....	4
Hospital Company .....	3

Total ..... 24

This number will be necessary to officer the organizations recommended.

Very respectfully,

F. D. WEBSTER,

*Major of Infantry, Professor of Military Science.*

On motion of Mr. Carr, the request of the Commandant was granted, and the necessary appropriation was made.

**INVITATION TO AMERICAN CHEMICAL SOCIETY.**

(27) A letter from Prof. W. A. Noyes concerning an invitation to the American Chemical Society to meet at the University during the year 1915-16.

*April 26, 1915.*

*President E. J. James, University of Illinois.*

DEAR PRESIDENT JAMES: The staff of the Department of Chemistry wish to invite the American Chemical Society to meet here during the spring of 1916, probably at the time of the Easter vacation, and to make this the occasion for the dedication of the addition to the Chemical Laboratory. Such a meeting would probably bring to us from 400 to 500 chemists from outside of the University circle, and would give us an attendance at the dedication exercises which could be secured in no other way. If the invitation is extended, we should hope that the Trustees of the University would feel disposed to appropriate for the occasion an amount similar to that which has been appropriated for the dedication exercises of other buildings of like importance. It seems desirable that the invitation should be sent to the secretary of the society soon and I would respectfully request the Trustees of the University to extend such an invitation at the present time. The question of the appropriation which could be made for the occasion might be taken up later when you can give it more careful consideration.

Very respectfully,

W. A. NOYES.

On motion of Mr. Carr, President James was authorized to extend such an invitation to the American Chemical Society.

**FURNISHINGS FOR ADMINISTRATION BUILDING.**

(28) A request from Prof. J. M. White, Supervising Architect, for authority to proceed with the purchase of the furnishings for the Administration Building at a total cost, for furniture, light fixtures, shades, window screens, linoleum, et cetera, of not more than \$15,000. The expenditures prior to July 1 can be paid out of the appropriation already made for the building.

On motion of Mr. Carr, Prof. White was authorized to purchase the necessary furnishings for the Administration Building, and the sum of \$15,000 was appropriated therefor.

**MR. W. B. CASTENHOLZ APPOINTED COMPTROLLER.**

(29) A recommendation that the President of the University be authorized to appoint Mr. W. B. Castenholz to be Instructor in Accounting and Comptroller of the University, at a salary of \$250 per month, until further notice.

Mr. Castenholz took his bachelor's degree at the University of Indiana and the degree of master of arts from the University of Wisconsin in 1903. He has had experience as a teacher in high schools. He was for five years secretary-treasurer of the Chippewa Falls Furniture Company, and in that capacity had complete charge of all accounting, cost work, office details, credits, and collections. He was for half a year public accountant and auditor with Marwick, Mitchell, and Company, and three years with Lybrand, Ross Brothers, and Montgomery at their Chicago office. He was also one and one-half years auditor of the American Milling Company, Peoria, Ill., in complete charge of accounting and cost work, office system, etc. Mr. Castenholz comes with unusually good recommendations from the University of Wisconsin and from the companies with which he has worked.

On motion of Mr. Carr, this recommendation was approved.

**PAYMENT OF EXPENSES OF MEMBERS OF FACULTY IN MEDICINE WHO ATTEND COMMENCEMENT IN URBANA.**

(30) A request from Dr. D. A. K. Steele, Senior Dean of the College of Medicine, that an appropriation be made for the transportation of those members of the Faculty of the College of Medicine who may attend the Commencement exercises in Urbana on June 16.

On motion of Mr. Carr, the sum of \$250 was appropriated, to make a total of \$900 available to meet the expenses of students and Faculty of the Colleges of Medicine and Dentistry who may attend Commencement in Urbana [see page 192].

**USE OF AUDITORIUM BY STATE TEACHERS' ASSOCIATION.**

(31) A request from the East Central Illinois Branch of the State Teachers' Association for the use of the Auditorium October 15 and 16, 1915, without fee. This request was granted.

**CALL EXTENDED TO PROF. L. D. COFFMAN.**

(32) A communication from Prof. W. C. Bagley, Director of the School of Education, stating that Prof. Lotus D. Coffman had received a call to the University of Minnesota at a considerably higher salary than he has at the University of Illinois. Prof. Bagley states that he desires to have his own work in the University diminished and that he would be willing to accept a corresponding diminution in salary, and suggests that an arrangement might be made whereby Dr. Coffman would assume part of the work of the Director of the School of Education, in which case some adjustment in salary might be made, so that we could retain Dr. Coffman's services.

On motion of Mr. Carr, President James was authorized to make such arrangement with Prof. Bagley and Prof. Coffman as he might find advisable.

**MEMORIAL TO PROF. FECHET.**

(33) A request from a committee constituted in 1911 to propose plans and raise subscriptions to establish a memorial to the former Military Commandant, Col. E. G. Féc'hét. This committee, consisting of Dean T. A. Clark, Prof. N. A. Wells, Serg. F. W. Post, Capt. J. R. Trevett, three officers of the Cadet Corps, and Prof. S. A. Forbes, selected a portrait medallion with a suitable inscription, raised the funds from members of the University and citizens of the community, and contracted with a sculptor, Leonard Crunnel of Chicago, for the medallion. The memorial will take the form of a bronze tablet, 30 by 40 inches, bearing the following inscription:

Edmund Gustave Féc'hét, Lieutenant Colonel, U. S. A.

Soldier of the Civil and Indian Wars.

Professor of Military Science, University of Illinois, 1900-10.

On motion of Mr. Carr, the Féc'hét memorial tablet was accepted with thanks, to be placed in the Armory at a place selected by the Supervising Architect, and to be unveiled with appropriate ceremonies during Commencement.

**AUTHORITY TO DELEGATE SIGNING OF WARRANTS.**

(34) A recommendation that the President of the board, Mr. W. L. Abbott, be authorized to delegate to Mr. L. E. Knorr, Assistant Comptroller, the signing of his name as President to University warrants, such authority to take effect as of March 9, 1915.

On motion of Mr. Carr, this recommendation was approved.

**STANDING COMMITTEES, 1915-16.**

The Secretary of the board presented for record the following list of the Standing Committees of the board appointed by President Abbott for the year 1915-16:

**BUILDINGS AND GROUNDS.**

William M. Abbott, Chairman; Mary E. Busey, Robert F. Carr, Laura B. Evans, Robert R. Ward.

**FINANCE.**

Otis W. Hoit, Chairman; Ellen M. Henrotin, J. K. Hopkins, John R. Trevett, Robert R. Ward.

**ENGINEERING.**

John R. Trevett, Chairman; Robert F. Carr, William L. Abbott.

**AGRICULTURE.**

James K. Hopkins, Chairman; Otis W. Hoit, John R. Trevett.

**COLLEGE OF MEDICINE AND SCHOOL OF PHARMACY.**

Laura B. Evans, Chairman; William L. Abbott, Otis W. Hoit.

**STUDENTS' WELFARE.**

Ellen M. Henrotin, Chairman; Mary E. Busey, Laura B. Evans, Florence E. Watson.

**INSTRUCTION.**

Francis G. Blair, Chairman; Robert R. Ward, Florence E. Watson.

**LIBRARY.**

Mary E. Busey, Chairman; Ellen M. Henrotin, Florence E. Watson.

**GRADUATE SCHOLARS AND FELLOWS, 1915-16.**

The Secretary presented also for record the following list of scholars and fellows in the Graduate School appointed by the President and Vice President of the University for the academic year 1915-16:

Agronomy .....	William A. Albrecht, fellowship.....	\$350 00
Animal Husbandry .....	W. G. Kammlade, scholarship.....	250 00
	Julius E. Nordby, scholarship.....	250 00
	D. W. Williams, scholarship.....	250 00
Bacteriology .....	L. V. Burton, traveling fellowship.....	500 00
Botany .....	John A. Elliott, fellowship.....	400 00
	Elizabeth H. Fleeson, scholarship.....	250 00
	Ernest M. R. Lamkey, fellowship.....	350 00
	Walter S. Reeves, scholarship.....	250 00
Chemistry .....	Theodore R. Ball, fellowship.....	400 00
	St. Elmo Brady, fellowship.....	400 00
	E. M. A. Chandler, fellowship.....	300 00
	Edgar W. Engle, fellowship.....	400 00
	Carl S. Marvel, scholarship.....	250 00
	Clarence Scholl, fellowship.....	400 00
Classics .....	Margaret Olmsted, scholarship.....	250 00
	Mary L. Trowbridge, scholarship.....	250 00
Economics .....	Fred E. Clark, fellowship.....	400 00
	Clare E. Griffin, fellowship.....	350 00
	Burley F. Lamb, fellowship.....	400 00
	Kathryn Maddock, scholarship.....	250 00
Education .....	Charles J. Stowell, fellowship.....	350 00
	Joseph H. Johnston, fellowship.....	350 00
	Theodore S. Henry, stipendary.....	100 00
Engineering .....	A. J. A. Anderson, fellowship.....	350 00
	Roland E. Hart, scholarship.....	250 00
	Charles Jablow, scholarship.....	250 00
	Robert C. Matthews, scholarship.....	250 00
	Harold M. Westergaard, fellowship.....	500 00
English .....	Delmar G. Cooke, fellowship.....	350 00
	Levette J. Davidson, scholarship.....	250 00
	Elizabeth G. Fuller, scholarship.....	250 00
	Effie Morgan, scholarship.....	250 00
	Edith I. Sendenburgh, scholarship.....	250 00
	Merle A. Sweney, scholarship.....	250 00
	Winifred Vickrey, scholarship.....	250 00

Entomology	Philip Garman, fellowship	\$400 00
	J. Lionel King, scholarship	250 00
	Edwin K. Parker, scholarship	250 00
	William A. Peterson, fellowship	400 00
	L. B. Ripley, scholarship	250 00
German	Daniel F. Pasmore, fellowship	400 00
	Ralf T. Runge, fellowship	350 00
	Olive Harris, scholarship	250 00
History	William R. Bigger, scholarship	250 00
	Jacob A. Hofto, fellowship	350 00
	Walter W. Jennings, scholarship	250 00
	Franklin C. Palm, fellowship	300 00
	Robert R. Russell, fellowship	300 00
	Wayne E. Stevens, fellowship	450 00
Horticulture	Newton K. Partridge, fellowship	350 00
Household Science	Bernice Wait, scholarship	250 00
Mathematics	Ismar Baruch, scholarship	250 00
	William H. Cullum, scholarship	250 00
	Clarence M. Hebbert, fellowship	350 00
	Temple R. Hollcroft, fellowship	350 00
	Forrest H. Murray, scholarship	250 00
	Merlin G. Smith, scholarship	250 00
	Harriet Scofield, scholarship	250 00
Philosophy	Harry Amsterdam, scholarship	250 00
	Ethel E. Sabin, fellowship	450 00
Physics	Harry T. Booth, scholarship	250 00
	Sylvan J. Crooker, fellowship	350 00
	E. Frances Seiler, scholarship	250 00
Political Science	Nels H. Debel, fellowship	400 00
	Frederic H. Guild, fellowship	450 00
	Ernest J. Smith, scholarship	250 00
Psychology	Laura M. Chassell, fellowship	350 00
	Helen Clark, fellowship	400 00
Romance Languages	Otho W. Allen, scholarship	250 00
Zoology	Arthur R. Cooper, fellowship	500 00
	Lillian D. Dole, scholarship	250 00
	Ruth Higley, fellowship	300 00
	Minna E. Jewell, fellowship	350 00
	Morris J. Kernall, fellowship	400 00
	Ralph H. Linkins, fellowship	400 00
	Horace W. Stunkard, fellowship	400 00

#### RESEARCH FELLOWSHIPS IN THE ENGINEERING EXPERIMENT STATION.

William A. Manuel—Research fellowship (September 1, 1915-June 30, 1917), \$500 a year.
Benito R. Ordonez—Research fellowship (September 1, 1915-June 30, 1917), \$500 a year.
Wendell H. Palmer—Research fellowship (September 1, 1915-June 30, 1917), \$500 a year.
Richard L. Templin—Research fellowship (September 1, 1915-June 30, 1917), \$500 a year.
Camillo Weiss—Research fellowship (September 1, 1915-June 30, 1917), \$500 a year.

#### SUMMER SESSION APPOINTMENTS.

The Secretary presented also for record the list of the instructional staff for the Summer Session of 1915:

Department and name.	Salary.	
<b>Agriculture.</b>		
Smith, Louie H., Professor (half-time)	\$250 00	
Jamison, Albert W., Associate (half-time)	125 00	
Barto, Daniel O., Associate	250 00	
Bole, Simeon J., Associate (half-time)	125 00	
Smith, William H., Instructor	225 00	
Eckblaw, K. J. T., Instructor (half-time)	125 00	
Crandall, William T., Associate (half-time)	125 00	\$1,225 00
<b>Art and Design.</b>		
Hill, Mary	\$225 00	225 00
<b>Botany.</b>		
Hottes, Charles F., Professor	\$500 00	
Lamkey, Ernest M. R., Assistant	100 00	600 00
<b>Chemistry.</b>		
Balke, Clarence W., Professor	\$500 00	
Derick, Clarence G., Assistant Professor	300 00	
Weber, Henry C. P., Assistant Professor	300 00	
Beal, George D., Associate	250 00	
Hopkins, B. Smith, Associate	250 00	
MacArthur, Charles G., Instructor	225 00	
Sears, George W., Instructor	225 00	
Kamm, Oliver, Assistant	200 00	2,250 00



Department and name.	Salary.	
<b>Drawing, General Engineering.</b>		
Crane, Rufus, Instructor.....	\$225 00	\$ 225 00
<b>Economics.</b>		
Bogart, Ernest L., Professor (half-time).....	\$250 00	
Thompson, Charles M., Associate.....	300 00	
McJohnston, Harrison, Instructor.....	225 00	
Scovill, Hiram T., Instructor.....	225 00	1,000 00
<b>Education.</b>		
Bagley, William C., Professor.....	\$400 00	
Coffman, Lotus D., Professor.....	500 00	
Johnston, Charles H., Professor.....	500 00	
Hollister, Horace A., Professor.....	500 00	
Whipple, Guy M., Associate Professor.....	400 00	
Rugg, Harold O., Instructor.....	225 00	
Miller, Wilford S., Assistant.....	125 00	2,650 00
<b>English.</b>		
Dodge, Daniel K., Professor.....	\$500 00	
Sherman, Stuart P., Professor.....	500 00	
Jones, Harry S., Assistant Professor.....	300 00	
Boyer, Clarence V., Associate.....	250 00	
Woolbert, Charles H., Associate.....	250 00	
Curl, Mervin J., Instructor.....	225 00	2,025 00
<b>Entomology.</b>		
Folsom, Justus W., Assistant Professor.....	\$300 00	
Peterson, William A., Assistant.....	150 00	450 00
<b>French and Spanish.</b>		
Carnahan, David H., Associate Professor.....	\$400 00	
Carry, Charles S., Assistant.....	150 00	
Soto, Rafael A., Assistant.....	150 00	700 00
<b>German.</b>		
Held, Felix E., Associate Professor (Miami Univ.).....	\$400 00	
Poor, Charles M., Instructor.....	225 00	
Koller, Armin H., Instructor.....	225 00	
Barto, Philip S., Instructor.....	225 00	
Zucker, Adolf E., Assistant.....	200 00	1,275 00
<b>History.</b>		
Lybyer, Albert H., Associate Professor.....	\$400 00	
Carter, Clarence E., Professor (Miami Univ.).....	300 00	
Hormell, C. C., Professor (Bowdoin College).....	200 00	900 00
(See Political Science).		
<b>Household Science.</b>		
Stanton, Margaret B., Instructor.....	\$225 00	
Linder, Grace, Assistant.....	175 00	
Hope, Leona (Boston).....	300 00	700 00
<b>Latin.</b>		
Oldfather, William A., Associate Professor.....	\$400 00	
Canter, Howard V., Assistant Professor.....	300 00	700 00
<b>Manual Training.</b>		
Park, Joseph C., Director Industrial Education (Oswego State Normal School, Oswego, New York).....	\$400 00	
Haas, Lewis J., Art Metal Work (Landsown, Maryland)....	250 00	
Duncan, James M., Assistant.....	150 00	800 00
<b>Mathematics.</b>		
Shaw, James B., Assistant Professor.....	\$300 00	
Wahlin, Gustaf E., Associate.....	250 00	
Kempner, Aubrey J., Instructor.....	225 00	
Zels, Henry C., Assistant.....	200 00	..
Wilson, William H., Assistant.....	200 00	1,175 00
<b>Mechanics, Theoretical and Applied.</b>		
Seeley, Fred B., Instructor.....	\$225 00	
Ensign, Newton E., Instructor.....	225 00	
Vallance, Alex., Instructor.....	225 00	675 00
<b>Music.</b>		
Smith, Constance B., Assistant Professor.....	\$300 00	
Swan, Grace, Assistant.....	150 00	450 00

Department and name.	Salary.	
<b>Physical Training for Men (For six weeks' service).</b>		
Huff, George A. ....	\$375 00	
Zuppke, Robert Carl .....	225 00	
Jones, Ralph R. ....	225 00	
Gill, Harry Lovering .....	225 00	
Unassigned .....	150 00	
		\$1,200 00
<b>Physical Training for Women.</b>		
Moulton, Gertrude E. ....	\$225 00	
		225 00
<b>Physics.</b>		
Knipp, Charles T., Assistant Professor. ....	\$300 00	
Kunz, Jacob, Assistant Professor. ....	300 00	
Jones, Lloyd T., Instructor. ....	225 00	
Randolph, Oscar A., Assistant. ....	200 00	
Nathanson, Jonas B., Assistant. ....	175 00	
Bayley, Paul L., Assistant. ....	150 00	
		1,350 00
<b>Political Science.</b>		
Hornell, O. C., Professor (Bowdoin College). ....	\$200 00	
(See History).		
Story, Russell M., Instructor. ....	300 00	
		500 00
<b>Sociology.</b>		
Hayes, Edward C., Professor. ....	\$500 00	
		500 00
<b>Zoology.</b>		
Galloway Thomas W., Professor (Millikin Univ.) ....	\$400 00	
Henderson, William F. ....	150 00	
		550 00
Total .....		\$22,350 00
<b>Library Science (Six weeks' course).</b>		
Reece, Ernest J., Instructor. ....	\$200 00	
Bond, Ethel .....	200 00	
Williams, Margaret, Assistant and Reviser. ....	85 00	
Cloud, Eva, Instructor (one week only). ....	45 00	
MacCaughy, Vaughan, Lecturer (one lecture). ....	15 00	
		545 00

### THE REGISTRAR'S REPORT OF FEES PAYABLE FIRST SEMESTER, 1914-15.

The Secretary of the board presented also for record the report of fees payable during the first semester of the academic year 1914-15, as compiled by the Registrar, Mr. C. M. McConn:

	Gross.	Refund.	Net total.
<b>Matriculation Fees—</b>			
1397 @ \$10 .....	\$13,970 00		
Refund 102 @ \$10 .....		\$1,020 00	\$12,950 00
Total, matriculation fees. ....	\$13,970 00	\$1,020 00	\$12,950 00
<b>Incidental Fees—</b>			
3567 @ \$12 .....	42,804 00		
7 @ \$6 (half) .....	42 00		
Refund 161 @ \$12 .....		1,932 00	
Refund 42 @ \$6 (half) .....		252 00	40,662 00
Total, incidental fees. ....	\$42,846 00	\$2,184 00	\$40,662 00
<b>Tuition Fees—</b>			
652 @ \$7.50 .....	4,890 00		
3 @ \$3.75 (half) .....	11 25		
Refund 216 @ \$7.50 .....		1,620 00	
Refund 17 @ \$3.75 (half) .....		63 75	
104 @ \$25 (Law) .....	2,600 00		
3 @ \$12.50 (half) .....	37 50		
Refund 1 @ \$12.50 (half) .....		12 50	
4 @ \$5 (courses, Law) .....	20 00		
Total, tuition fees. ....	\$7,558 75	\$1,696 25	\$5,862 50
Total, general fees. ....	\$64,374 75	\$4,900 25	\$59,474 50
<b>Music Fees—</b>			
Refund 1 @ \$6.50 .....		6 50	
69 @ \$8.50 .....	586 50		
3 @ \$9 .....	27 00		
Refund 1 @ \$4.50 (half) .....		4 50	
5 @ \$11 .....	55 00		
4 @ \$15 .....	60 00		
6 @ \$19.50 .....	117 00		
Refund 1 @ \$9.75 (half) .....		9 75	
1 @ \$25 .....	25 00		
Total, music fees. ....	\$ 870 50	\$ 20 75	\$ 849 75

	Gross.	Refund.	Net total.
Laboratory Fees—			
Architecture .....	\$ 372 00	\$ 11 00	\$ 361 00
Botany .....	590 50	11 25	579 25
Ceramics .....	77 50	.....	77 50
Chemistry .....	11,976 00	734 50	11,241 50
Civil Engineering .....	421 00	7 50	413 50
Electrical Engineering .....	555 00	10 00	545 00
Entomology .....	202 50	11 25	191 25
General Engineering Drawing .....	81 00	5 50	75 50
Geology .....	249 00	25 25	223 75
Household Science .....	497 00	19 50	477 50
Mechanical Engineering .....	189 00	1 50	187 50
Physics .....	1,026 00	34 00	992 00
Physiology .....	262 50	85 75	176 75
Psychology .....	20 00	6 00	14 00
Theoretical and Applied Mechanics .....	601 00	20 00	581 00
Zoology .....	376 50	43 25	333 25
Bacteriology .....	685 00	.....	685 00
M. & S. Engineering .....	62 00	1 00	61 00
Mining Engineering .....	14 00	.....	14 00
Total, laboratory fees .....	\$18,257 50	\$1,027 25	\$17,230 25
Listeners' Fees—			
7 @ \$7.50 .....	52 50	.....	52 50
Special Examination Fees—			
148 @ \$5 .....	740 00	.....	740 00
Late Registration Fees—			
112 @ \$1 .....	112 00	.....	.....
Refund 3 @ \$1 .....	.....	3 00	109 00
Change Fees—			
396 @ \$1 .....	396 00	.....	.....
Refund 4 @ \$1 .....	.....	4 00	392 00
Diploma Fees—			
1 @ \$2 .....	2 00	.....	2 00
Total, special fees .....	\$1,302 50	\$7 00	\$1,295 50
Total fees .....	\$84,805 25	\$5,955 25	\$78,850 00

### COMPTROLLER'S REPORT.

The Secretary presented also for record the report of Mr. L. E. Knorr, Acting Comptroller, for the quarter ending March 31, 1915:

April 19, 1915.

Hon. W. L. Abbott, President Board of Trustees, University of Illinois.

DEAR SIR: I have the honor to hand you herewith a report of the accounts of the business office as to the close of the quarter ending March 31, 1915.

Under separate cover, as a part of the report, are submitted lists of warrants drawn against the University Treasurer and lists of vouchers certified to the State Auditor.

Yours very truly,

L. E. KNORR, Acting Comptroller.

### SCHEDULE 1.

#### SUMMARY OF RECEIPTS AND DISBURSEMENTS AS AT MAR. 31, 1915.

	Balance.	Cash receipts. Schedule 2.	State revenue.	Total.
University Treasurer—				
General .....	\$71,783 11	\$417,348 95	.....	\$ 489,132 06
United States Agricultural Experiment Station .....	274 83	22,677 38	.....	22,952 21
Trusts .....	3,451 31	33,385 35	.....	36,836 66
Petty cash—				
Assistant Comptroller .....	5,000 00	.....	.....	5,000 00
Secretary, College of Medicine .....	300 00	.....	.....	300 00
Actuary, School of Pharmacy .....	250 00	.....	.....	250 00
Vice Director, Agricultural Experiment Station .....	600 00	.....	.....	600 00
State Auditor—				
Operation, maintenance and equipment .....	.....	.....	\$1,600,000 00	1,600,000 00
Buildings, land and equipment .....	.....	.....	650,000 00	650,000 00
Water survey and investigation .....	2,310 56	.....	21,500 00	23,810 56
Mechanics' and Miners' Institutes .....	5,473 58	.....	15,000 00	20,473 58
Total .....	\$89,443 39	\$473,411 68	\$2,286,500 00	\$2,849,355 07

## SCHEDULE 1—Concluded.

	Disbursements, Schedule 3.	Balances.	
		Items.	Totals.
University Treasurer—			
General	\$ 234,490 91	\$254,641 15	
United States Agricultural Experiment Station	19,883 21	3,069 00	
Trusts	25,727 81	11,108 85	
			\$268,819 00
Petty cash—			
Assistant Comptroller		\$5,000 00	
Secretary, College of Medicine		300 00	
Actuary, School of Pharmacy		250 00	
Vice Director, Agricultural Experiment Station		600 00	
			6,150 00
State Auditor—			
Operation, maintenance and equipment	1,316,177 93	\$283,822 07	
Buildings, land and equipment	389,284 63	260,715 37	
Water survey and investigation	17,746 58	6,063 98	
Mechanics' and Miners' Institutes	14,235 57	6,238 01	
			556,839 43
Total	\$2,017,546 64		\$831,808 43

## SCHEDULE 2.

## CASH RECEIPTS, MARCH, 1915.

GENERAL FUND.		Total receipts.
Agricultural College and Experiment Station—		
Agricultural extension	\$ 65 47	
Press service	297 95	
Agronomy College—		
Crop production	278 39	
Farm mechanics	82 40	
Soil fertility	382 35	
Soil physics	43 75	
Agronomy Experiment Station—fields—		
Agronomy Experiment Station fields—soils	5,111 43	
Soil analysis	60	
Soil survey	1 00	
Agronomy Experiment Station—crops—		
Crop Production Station	1,875 78	
Animal Husbandry College—		
Animal Husbandry Administration	34 58	
Animal Nutrition	7 20	
Beef cattle	788 94	
Animal Husbandry education	4 00	
General and farming	499 04	
Horses	295 78	
Poultry	786 75	
Sheep	425 38	
Swine	1,810 06	
Animal Husbandry Experiment Station—		
Animal Husbandry Station—administration	202 40	
Beef Cattle Station	8,473 42	
General and Farming Station	480 81	
Live stock specimens	1,200 00	
Horses Station	765 97	
Sheep Station	659 11	
Swine Station	1,627 10	
Animal Husbandry Station—bulletins and publication	8 95	
Cafeteria	9,407 84	
Dairy Husbandry College—		
Creamery	24,546 61	
Dairy bacteriology	12,159 51	
Pure bred herd	814 72	
Dairy Experiment Station—		
Official Testing Station	4,648 35	
Dairy Experiment Herd Station	812 55	
Dairy Farm Station	78 14	
Dairy Economics Station	63 00	
Testing Association Station	579 50	
Dairy Technology Station	22 50	
Horticulture College—		
Landscape extension	162 53	
Pomology	232 86	

## SCHEDULE 2—Continued.

		Total receipts.
Agricultural College and Experiment Station—Concluded—		
Horticulture College—Concluded.		
Floriculture .....	\$184 46	
Olericulture .....	387 86	
Olney Farm .....	264 27	
Urbana Farm .....	486 06	
Horticulture—general and farming .....	124 06	
Horticulture Experiment Station—		
Pomology Station .....	136 98	
Horticulture Plant Breeding Station .....	26 35	
Olericulture Station .....	17 34	
Household Science .....	139 74	
		\$ 81,503 84
Engineering College—		
Administration .....	\$ 33 19	
Ceramics .....	26 90	
Civil Engineering .....	216 70	
Engineering Experiment Station .....	297 49	
Electrical Engineering .....	81 39	
Mechanical Engineering .....	13 74	
Mining Engineering .....	4 92	
Miners' and Mechanics' Institutes .....	45 00	
Theoretical and Applied Mechanics .....	1,423 87	
		2,143 20
College of Liberal Arts and Sciences—		
Botany .....	\$ 15 00	
Chemistry .....	91 43	
Chemical Laboratory addition .....	2 57	
Classical Museum .....	181 33	
Education .....	16 34	
Illinois historical survey .....	72 44	
Psychology .....	12 82	
Zoology .....	3 01	
		394 94
College of Dentistry—		
Totals .....		12,540 30
College of Medicine—		
Totals .....		41,999 30
School of Music—		
Totals .....		155 75
Physical Plant—		
Campus lighting .....	\$ 66 25	
Grounds .....	12 25	
Heating and lighting .....	865 36	
Labor <sup>1</sup> .....	2,926 87	
Physical plant—general <sup>2</sup> .....	1,776 78	
Physical plant—stores .....	4,842 96	
Rents—		
Armory .....	150 00	
Auditorium .....	150 00	
Houses .....	933 50	
Morrow Hall .....	27 50	
Woman's Building .....	10 21	
Sale of houses .....	835 00	
Sale of city lots .....	3,500 00	
Telephone exchange .....	4 75	
		16,101 43
Miscellaneous—		
Accountancy .....	\$ 57 50	
<i>Alumni Record</i> .....	27 00	
Blue printing .....	466 62	
Business office .....	12 35	
Directory .....	96 75	
Emergency Hospital .....	282 27	
Fee collections—		
General and laboratory <sup>3</sup> .....	151,888 50	
Lockers—Men's Gym .....	3,383 00	
Lockers—Women's Gym .....	414 50	
Lockers—shop or laboratory .....	217 50	
Freshmen Advisors .....	25 00	
Graduate School Traveling Fellow .....	150 00	
Gregory Memorial .....	15 06	
Interest on endowment fund .....	32,422 14	
Interest on land contracts .....	39 90	
<i>Journal of English and Germanic Philology</i> .....	511 23	
Library salaries .....	8 00	
Library .....	115 13	
Library stacks additions .....	120 82	
Lincoln Hall improvements .....	81	
Morrill Fund .....	25,000 00	
Military Department .....	378 98	
Nelson Fund .....	25,000 00	

## SCHEDULE 2—Concluded.

		Total receipts.
Miscellaneous—Concluded.		
Orchestral concerts .....	\$4,034 25	
Office supply stores.....	263 70	
Physical Training—men .....	2 24	
Postage stores .....	125 00	
President's office .....	1 25	
Printograph .....	57 33	
Salary refund .....	77 50	
Summer Session, 1914.....	85 50	
Student Associations .....	3 75	
University studies.....	59 05	
Water survey salaries.....	300 00	
<i>Weekly Calendar</i> .....	1 00	
Water survey .....	177 15	
		\$245,820 78
School of Pharmacy—		
Totals .....		16,689 41
General fund—		
Totals—general fund .....		417,348 95
Trust funds—		
See Schedule 301 <sup>4</sup> .....	.	33,385 35
United States Agricultural Experiment Station—		
Adams Fund .....	\$11,250 00	
Adams Fund receipts.....	177 38	
Hatch Fund .....	11,250 00	
		22,677 38
SUMMARY.		
General University .....	\$417,348 95	
Trust funds .....	33,385 35	
United States Agricultural Experiment Station.....	22,677 38	
		\$473,411 68

<sup>1</sup> \$15.10 transferred from physical plant general.<sup>2</sup> \$15.10 transferred to labor.<sup>3</sup> \$32.40 transferred to trust funds.<sup>4</sup> \$32.40 transferred from general fund.



Library stacks addition.....	22,671 44	21,082 21	1,102 42	.....	6 00	.....	411 54	22,602 17	89 27
Lincoln Hall.....	890 55	69 08	820 66	.....	.....	.....	.....	889 74	81
Observatory.....	2,461 20	1,721 77	739 43	.....	.....	.....	.....	2,461 20	.....
Storehouse.....	2,100 00	1 96	1,930 92	.....	.....	.....	.....	1,932 88	167 12
Zoology Vivarium.....	2,000 00	1,058 85	991 21	.....	.....	.....	.....	2,050 06	† 50 06
Building projects.....	4,000 00	1,790 06	68 27	.....	.....	.....	.....	1,858 33	2,141 67
General equipment—									
Furniture and fixtures.....	4,000 00	163 60	889 12	24 83	.....	.....	.....	1,077 55	2,922 45
Pipe organ.....	16,275 00	16,269 74	.....	.....	.....	.....	.....	16,269 74	5 26
Total.....	\$385,930 54	\$230,341 21	\$35,615 43	\$1,718 63	\$8,675 50	\$53 30	\$101,438 99	\$377,843 06	\$8,087 48

\* Amount payable before June 30, 1915. Total contracts outstanding, Administration Building, \$75,916.47; Chemistry Building, \$204,339.76.

† Overdrafts.

### SCHEDULE 32.

#### STATEMENT OF APPROPRIATIONS FOR PHYSICAL PLANT AS AT MAR. 31, 1915.

	Appropriations and credits.	Cash disbursements.	Transfer charges.	Open market orders outstanding.	Job orders outstanding.	Contracts.	Salaries.	Total.	Free balance.
Extension—									
Salaries.....	\$ 3,277 50						\$*3,277 50	\$ 3,277 50	.....
Fire protection equipment.....	400 00	\$ 284 48						284 48	\$ 115 52
Heating and lighting plant.....	50,000 00	40,128 49	\$ 6,667 72	\$ 36 25	\$ 80 00	\$540 54		47,453 00	2,547 00
Telephone extension.....	1,200 00	577 76	212 65					790 41	409 59
Tunnel extension.....	8,000 00	7,400 00	333 12					7,733 12	266 88
Light and water extension.....	20,000 00	3,338 07	15,439 61					18,777 68	1,222 32
Auto truck.....	450 00							450 00	.....
Operation and maintenance—									
Salaries.....	15,741 53	7,334 79					2,552 43	9,887 22	1,862 55
Extra assistance.....	2,203 50	3,991 76						3,991 76	550 25
Office expense and equipment.....	75,584 65	995 47	592 53	36 25	29 00			1,653 25	12,980 74
Heating and lighting.....	42,188 58	33,914 65	20,771 34	7,479 92	458 00			62,623 91	6,570 55
Buildings operation.....	30,000 00	9,640 19	25,977 84					35,618 03	12,068 66
Buildings maintenance.....	10,000 00	15 85	17,817 49		98 00			17,931 34	2,133 25
Grounds.....	3,600 00	1,933 52	5,884 13	49 10				7,866 75	1,083 81
Fire protection.....	1,500 00	283 33	2,232 86					2,516 19	245 48
Water Station.....	3,004 75	73 31	816 21	365 00				1,254 52	1,017 50
Telephone exchange.....	15,000 00	916 23	1,071 02					1,987 25	5,566 89
General operation.....		378 75	9,050 36		4 00			9,433 11	.....
Total.....	\$282,150 51	\$111,656 65	\$106,866 88	\$7,966 52	\$669 00	\$540 54	\$5,829 93	\$233,529 52	\$48,620 99

\* To be assigned to capital account.



## SCHEDULE 33.

## STATEMENT OF APPROPRIATIONS FOR ADMINISTRATION AND GENERAL EXPENSE AS AT MAR. 31, 1915.

	Appropriations and credits.	Cash disbursements.	Transfer charges.	Open market orders outstanding.	Job orders outstanding.	Library orders outstanding.	Contracts.	Salaries.	Total.	Free balance.
Administrative offices—										
Salaries .....	\$50,364 42	\$39,024 51						\$11,339 91	\$50,364 42	
Board of Trustees.....	7,600 00	3,978 87	\$ 111 32	\$ 41 00					4,131 19	\$ 3,468 81
President's office.....	4,000 00	1,701 45	746 77	21 50					2,469 72	1,530 28
Vice President's office.....	500 00	333 49							333 49	166 51
Business office.....	6,512 08	3,984 73	1,166 14	189 50	\$ 4 00				5,344 37	1,167 71
Registrar's office.....	6,302 50	4,697 19	973 20	129 00					5,799 39	503 11
Council of Administration.....	500 00	343 05							343 05	156 95
Legal Council.....	400 00	288 41							288 41	111 59
Treasurer's office.....	600 00	300 00							300 00	300 00
University Senate.....	100 00	33 05	10 25	15 00					58 30	41 70
Advisor to Foreign Students.....	50 00		21 24						21 24	28 76
General departments—										
Salaries .....	82,093 37	59,989 11						22,104 26	82,093 37	
Library additions.....	65,000 00	26,839 93	366 54			\$8,080 00			35,286 47	29,713 53
Library.....	9,506 18	7,862 06	609 14	340 00	33 00				8,844 20	661 98
Dean of Men.....	5,050 00	3,465 28	328 68						3,793 96	1,256 04
Dean of Women.....	400 00	351 04	62 41	8 00					421 45	*21 45
Physical Training—Men.....	2,302 24	1,051 55	306 78	77 00	51 00				1,486 33	815 91
Physical Training—Women.....	500 00	325 39	106 23	3 00	10 00				444 62	55 38
Military.....	3,028 02	2,220 66	648 85	154 30	75 00				3,098 81	*72 79
High School Visitor.....	1,900 00	997 76	91 51	47 50					1,136 77	763 23
High School Conference.....	1,500 00	1,444 47	1 60						1,446 07	53 93
High School Oratorical Contest.....	360 00	20 39	35 68	41 00					97 07	263 93
Blue printing and photography.....	7,332 66	5,436 28	98 17	137 98	35 00			750 00	6,457 43	875 23
Publications—										
General publications.....	12,000 00	6,353 91	141 98	1,118 25					7,614 14	4,385 86
<i>Alumni Quarterly</i> .....	1,000 00	750 00							750 00	250 00
<i>Directory of Matriculants</i> .....	2,500 00	1,816 85	702 38						2,519 23	*19 23
<i>Press Bulletin</i> .....	1,000 00	197 25							197 25	802 75
Students Handbook.....	300 00	300 00							300 00	
General expense—										
Emergency Hospital.....		6 63		28 00					34 63	*34 63
Gregory Memorial.....	500 00	376 02	49 21						425 23	74 77
Lectures.....	3,000 00	817 31	2 25		4 00				823 56	2,176 44
Towel system.....	1,000 00	976 28							976 28	23 72
Orchestra concerts.....	5,000 00	3,568 58	18 47	94 00	10 00		\$1,200 00		4,891 05	108 95
Convocations.....	1,000 00	584 84	13 27						608 11	391 89
Rebates to students.....	8,500 00	8,729 53							8,729 53	*229 53
Receptions and social functions.....	250 00	44 00	321 13						365 13	*115 13
Panama Exposition Exhibit.....	1,500 00	129 40	5 43	2 30	1,000 00				1,137 13	362 87

Incidentals and emergencies .....	35,000 00									35,000 00
Smith Farms .....		85 75		106 64					192 39	*192 39
Total, Schedule 3 .....	\$328,449 47	\$189,435 02	\$6,938 63	\$2,553 97	\$1,222 00	\$8,080 00	\$1,200 00	\$34,194 17	\$243,623 79	\$84,825 68

\* Overdraft.

## SCHEDULE 34.

## STATEMENT OF APPROPRIATIONS FOR COLLEGE OF LIBERAL ARTS AND SCIENCES AS AT MAR. 31, 1915.

	Appropriations and credits.	Cash disbursements.	Transfer charges.	Open market orders outstanding.	Job orders.	Library orders outstanding.	Salaries.	Total.	Free balance.
Salaries.....	\$375,595 27	\$276,628 62					\$98,966 65	\$375,595 27	
Administration.....	2,101 79	1,238 45	\$ 237 13	\$ 45 25				1,520 83	\$ 580 96
Art and Design.....	600 00	410 69	76 12	12 25				499 06	100 94
Astronomy.....	700 00	737 15	48 67	70 00				855 82	*155 82
Bacteriology.....	2,102 77	1,463 89	191 59	201 30	\$ 33 50			1,890 28	212 49
Botany.....	6,400 00	4,739 04	244 22	93 10	45 50			5,121 86	1,278 14
Ceramics.....	6,906 26	4,544 18	572 33	715 37	266 00			6,097 88	808 38
Ceramics cooperative investigation.....	1,300 00	982 49						982 49	317 51
Chemistry.....	31,590 94	23,118 16	3,592 43	927 18	882 00			28,519 77	3,071 17
Classics.....	300 00	73 83	18 10	32 20		\$37 50		161 63	138 37
Education.....		1,244 29	477 61	102 25				1,838 15	
Educational survey.....	3,508 74	567 10	55 09	10 00	14 00			632 19	1,088 40
English.....	2,000 00	1,122 75	175 91	16 00	45 50			1,360 16	639 84
Entomology.....	928 18	655 80	25 68	50 00				731 48	196 70
Geology.....	1,600 00	725 69	93 60	373 25				1,192 54	407 46
German.....	200 00	73 73	72 79	3 00				149 52	50 48
History.....	225 00	50 31	96 38	50 00	6 00			202 69	22 31
Mathematics.....	700 00	450 03	122 90	5 00				577 93	122 07
Philosophy.....	100 00	28	11 86					12 14	87 86
Physiology.....	1,550 00	1,072 95	109 54	26 75	2 00			1,211 24	338 76
Political Science.....	125 00	42 75	24 76					67 51	57 49
Psychology.....	2,113 75	1,442 16	105 84	78 75				1,626 75	487 00
Romance Language.....	150 00	47 82	36 62	5 00	17 00			106 44	43 56
Sociology.....	300 00	65 76	19 27	3 50	4 00			92 53	207 47
Zoology.....	5,018 74	3,667 38	350 09	410 15	96 60			4,524 22	494 52
Museums—									
Classical.....	2,585 48	1,166 37	122 16	5 00				1,293 53	1,291 95
European Culture.....	2,500 00	174 06	31 40	427 52	20 00			652 98	1,847 02
Natural History.....	2,500 00	154 20	5 59	250 00			199 98	609 77	1,890 23
Total, Schedule No. 3.....	\$453,701 92	\$326,659 93	\$6,917 68	\$3,912 82	\$1,432 10	\$37 50	\$99,166 63	\$438,126 66	\$15,575 26

\* Overdraft.

## SCHEDULE 35.

## STATEMENT OF APPROPRIATIONS FOR AGRICULTURAL COLLEGE AND EXPERIMENT STATION AS AT MAR. 31, 1915.

	Appropriations and credits.	Cash disbursements.	Transfer charges.	Open market orders outstanding.	Job orders outstanding.	Library orders outstanding.	Salaries.	Total.	Free balance.
Buildings—									
Stock Pavilion .....	\$ 16,409 66	\$ 116 77	\$ 413 47					\$ 530 24	\$15,841 36
Horticultural Glass Houses.....		30 75						30 75	
Animal Nutrition Laboratory .....			5 56					5 56	
Feeding plant.....			1 75					1 75	
Clinic Building.....		4,925 72							
Cold storage.....	9,000 00								4,925 72
College—									9,000 00
Administration.....	14,297 90	10,549 27	488 41	\$ 105 50	\$ 88 00		\$ 1,877 50	13,108 68	1,189 22
Agricultural Extension.....	20,518 78	15,024 05	642 97	1 00	31 00		3,249 96	18,948 98	1,569 80
Agronomy, Schedule 351.....	53,116 98	34,037 38	1,884 10	364 63	527 50		8,479 86	45,293 47	7,823 51
Animal Husbandry, Schedule 352.....	72,748 24	60,886 59	6,545 13	1,995 88	174 00	\$ 8 80	7,852 35	77,462 75	*4,714 51
Dairy Husbandry, Schedule 353.....	80,193 21	48,262 57	14,365 95	860 71	5,878 00		4,974 93	74,342 16	5,851 05
Horticulture, Schedule 354.....	59,068 39	45,219 25	2,076 70	368 10	151 00	40 27	10,874 83	58,730 15	338 24
Household Science.....	31,184 32	21,488 08	519 49	482 08	116 00	1 90	5,649 87	28,257 42	2,926 90
Cafeteria.....	11,563 16	7,355 63	849 52	403 00				8,608 15	2,955 01
Veterinary Science.....	3,009 62	1,878 57	14 78				624 99	2,518 34	491 28
Agricultural press service .....	3,937 06	2,732 87	217 23				574 98	3,525 08	411 98
Station—									
Agronomy—crops, Schedule 351.....	25,602 60	17,055 50	488 83	108 65	15 00		1,149 99	18,817 97	6,784 63
Agronomy—soils, Schedule 351.....	104,991 97	60,350 44	147 39	337 27	24 00		7,479 87	68,338 97	36,653 00
Dairy, Schedule 353.....	35,703 63	26,351 34	3,737 73	380 89	120 00		2,514 96	33,104 92	2,598 71
Animal Husbandry, Schedule 352.....	49,670 12	24,177 15	1,384 22	649 48	141 00		924 99	27,276 84	22,393 28
Horticulture, Schedule 354.....	29,240 29	26,587 57					4,424 94	31,187 03	*1,946 74
United States Station—									
Hatch Administration.....	4,000 00	2,913 12					810 00	3,723 12	276 88
Hatch Botany.....	2,500 00	1,454 32		11 15	46 00		255 00	1,766 47	733 53
Hatch Agronomy.....	2,500 00	1,359 04					900 00	2,259 04	240 96
Hatch Dairy Husbandry.....	6,000 00	4,380 65		94 00			1,424 97	5,899 62	100 38
Adams Administration.....	2,000 00	1,103 54					800 00	1,903 54	96 46
Adams Animal Husbandry.....	8,500 00	4,172 62		18 60			2,199 96	6,391 18	2,108 82
Adams Horticulture.....	4,500 00	4,499 92						4,499 92	8 08
Adams receipts.....	274 83								274 83
Soil maps.....	18,699 82	12,248 53		4,175 95				16,424 48	2,275 34
Specimens—									
Animal Husbandry, Schedule 352.....	3,666 69	1,167 01						1,167 01	2,499 68
Dairy, Schedule 353.....	537 00								537 00
Total, Schedule 3.....	\$678,359 99	\$435,402 53	\$33,957 75	\$10,356 89	\$7,311 50	\$50 97	\$67,043 95	\$554,123 59	\$124,236 40

\* Overdrafts.

## SCHEDULE 351.

## STATEMENT OF APPROPRIATIONS FOR AGRONOMY AS AT MAR. 31, 1915.

	Appropriations and credits.	Cash disbursements.	Transfer charges.	Open market orders outstanding.	Job orders outstanding.	Salaries.	Total.	Free balance.
College—								
1913-14 orders .....				\$ 62 00			\$ 62 00	
Crop production .....		\$ 3,286 68	\$255 05	32 90	\$160 00	\$ 749 97	4,484 60	
Farm mechanics .....		8,570 68	424 68	205 65	19 00	2,129 97	11,349 98	
Plant breeding .....		2,877 69	31 09		130 00	874 98	3,713 76	
Soil fertility .....		11,921 63	808 89	55 50	218 50	2,524 98	15,529 50	
Soil physics .....		7,580 70	364 39	8 58		2,199 96	10,153 63	
Total, Schedule 35. ....	\$53,116 98	\$34,037 38	\$1,884 10	\$364 63	\$527 50	\$8,479 86	\$45,293 47	\$7,823 51
Experiment Station—								
Agronomy Experiment Station—soils—								
Agronomy Experiment—fields .....		\$26,816 49	\$ 1 15	\$213 55		\$1,099 95	\$28,131 14	
Soil analysis .....		12,450 32	61 16	93 50	\$24 00	2,934 96	15,563 94	
Soil survey .....		19,079 11	85 08	30 22		2,994 96	22,189 37	
Soil extension .....		2,004 52				450 00	2,454 52	
Total, Schedule 35. ....	\$104,991 97	\$60,350 44	\$147 39	\$337 27	\$24 00	\$7,479 87	\$68,338 97	\$96,653 00
Agronomy Experiment Station—crops—								
Crop production .....		\$10,956 33	\$438 65	\$105 65	\$15 00	\$450 00	\$11,965 63	
Plant breeding .....		6,099 17	50 18	3 00		699 99	6,852 34	
Total, Schedule 35. ....	\$25,602 60	\$17,055 50	\$488 83	\$108 65	\$15 00	\$1,149 99	\$18,817 97	\$6,784 63
Hatch—Agronomy .....	\$2,500 00	\$1,359 04				\$900 00	\$2,259 04	\$240 96

## SCHEDULE 352.

## STATEMENT OF APPROPRIATIONS FOR ANIMAL HUSBANDRY AS AT MAR. 31, 1915.

	Appropriations and credits.	Cash disbursements.	Transfer charges.	Open market orders outstanding.	Job orders.	Library orders outstanding.	Salaries.	Total.	Free balance.
College—									
Administration.....		\$23,361 79	\$ 467 67				\$7,452 36	\$31,281 82	
Animal Nutrition.....		4,379 17	111 54				150 00	4,640 71	
Beef cattle.....		9,331 02	548 30	\$957 00	\$55 00			10,891 32	
Education.....		939 61	3,681 65	60 41	14 00	\$8 80	249 99	4,954 46	
General and farming.....		4,906 20	215 00	7 45	10 00			5,138 65	
Genetics.....		61 98	298 44	10 25	69 00			439 67	
Horses.....		8,105 72	181 76	256 85	16 00			8,560 33	
Poultry.....		2,456 37	545 20	169 01				3,170 58	
Sheep.....		2,479 72	116 61	175 82				2,772 15	
Swine.....		4,865 01	378 96	27 09	10 00			5,281 06	
1913-14 orders.....				332 00				332 00	
Total, Schedule 35.....	\$72,748 24	\$60,886 59	\$6,545 13	\$1,995 88	\$174 00	\$8 80	\$7,852 35	\$77,462 75	*\$4,714 51
Station—									
Administration.....		\$2,794 00	\$163 82	\$ 20 00			\$624 39	\$3,602 81	
Animal Nutrition.....		4,969 98	481 86	62 30	\$141 00		300 00	5,955 14	
Beef cattle.....		4,206 10	26 50	8 25				4,240 85	
General and farming.....		2,766 90	402 88					3,169 78	
Horses.....		3,535 27		40 00				3,575 27	
Live stock system.....		1,834 73	8 45	8 00				1,851 18	
Sheep.....		1,131 33	4 32	226 00				1,361 65	
Swine.....		2,391 64	264 39	274 15				2,930 18	
Bulletins and publications.....		11 07						11 07	
Meat.....		536 13	32 00	10 78				578 91	
Total, Schedule 35.....	\$49,670 12	\$24,177 15	\$1,384 22	\$649 48	\$141 00		\$924 39	\$27,276 84	\$22,393 28
United States Experiment Station—									
Adams—Animal Nutrition.....		\$2,337 28					\$1,599 96	\$3,937 24	
Adams—Genetics.....		908 33		\$18 60			600 00	1,526 93	
Adams—Swine.....		927 01						927 01	
Total, Schedule 35.....	\$8,500 00	\$4,172 62		\$18 60			\$2,199 96	\$6,391 18	\$2,108 82

Specimens—									
Swine.....		\$112 16		\$45 00				\$157 16	
Horses.....		903 28						903 28	
Sheep.....		151 57						151 57	
Total, Schedule 35.....	\$3,666 69	\$1,167 01		\$45 00				\$1,212 01	\$2,454 6

\* Overdraft.

## SCHEDULE 353.

## STATEMENT OF APPROPRIATIONS FOR DAIRY HUSBANDRY AS AT MAR. 31, 1915.

	Appropriations and credits.	Cash disbursements.	Transfer charges.	Open market orders outstanding.	Job orders outstanding.	Salaries.	Total.	Free balance.
College—								
Administration.....		\$ 7,036 55	\$4,220 22	\$ 1 00		\$1,849 98	\$13,107 75	
Creamery.....		23,894 04	1,300 57	512 87	\$2,910 00	675 00	29,292 48	
Technology.....		3,179 91	82 63	9 40	75 00	624 99	3,971 93	
Bacteriology.....		3,527 49	6,183 21	62 50	2,850 00	199 98	12,823 18	
Pure bred herd.....		7,999 64	2,579 32	274 94	43 00	750 00	11,646 90	
Experiment herd.....		2,624 94				874 98	3,499 92	
Total, Schedule 35.....	\$80,193 21	\$48,262 57	\$14,365 95	\$860 71	\$5,878 00	\$4,974 93	\$74,342 16	\$5,851 05
Station—								
Official testing.....		\$6,271 69	\$ 34 25				\$ 6,305 94	
Bacteriology.....		1,275 32	172 40	\$ 43 00		\$ 249 99	1,740 71	
Experiment herd.....		6,345 92	2,939 78	117 70		1,149 99	10,553 39	
Farm Station.....		4,452 45	469 06	121 19	\$120 00		5,162 70	
Economics.....		3,323 73	88 24			390 00	3,825 97	
Technology.....		3,989 11				724 98	4,714 09	
Testing Association.....		693 12	34 00	75 00			802 12	
Total, Schedule 35.....	\$35,703 63	\$26,351 34	\$3,737 73	\$380 89	\$120 00	\$2,514 96	\$33,104 92	\$2,598 71
United States Experiment Station—								
Hatch—Bacteriology.....		\$2,075 63		\$94 00		\$624 99	\$2,794 62	
Hatch—Chemistry.....		1,305 08				450 00	1,755 08	
Hatch—Economics.....		999 94				349 92	1,349 92	
Total, Schedule 35.....	\$6,000 00	\$4,380 65		\$94 00		\$1,424 97	\$5,899 62	\$100 38
Specimens.....	\$537 00							\$537 00

## SCHEDULE 354.

## STATEMENT OF APPROPRIATIONS FOR HORTICULTURE AS AT MAR. 31, 1915.

	Appropriations and credits.	Cash disbursements.	Transfer charges.	Open market orders outstanding.	Job orders outstanding.	Library orders outstanding.	Salaries.	Total.	Free balance.
College—									
Administration.....		\$7,477 23	\$248 54	\$20 00			\$2,044 98	\$ 9,790 75	
Landscape extension.....		7,511 76	794 36	19 75			2,199 93	10,525 80	
Landscape gardening.....		8,008 50	343 38	45 00	\$109 00		1,999 99	10,505 87	
Pomology.....		2,657 15	105 49	15 90			679 98	3,458 52	
Floriculture.....		5,428 11	390 12	85 10	42 00	\$40 27	2,414 97	8,400 57	
Olericulture.....		5,921 68	49 24	59 80			1,534 98	7,565 70	
Olney Farm.....		1,523 91						1,523 91	
Urbana Farm.....		3,519 88	4 50	34 75				3,559 13	
Forestry.....		173 70						173 70	
General and farming.....		2,997 33	141 07	87 80				3,226 20	
Total, Schedule 35.....	\$59,068 39	\$45,219 25	\$2,076 70	\$368 10	\$151 00	\$40 27	\$10,874 83	\$58,730 15	\$338 24
Experiment Station—									
Pomology.....		\$11,689 87	\$77 48	\$ 71 70			\$2,074 98	\$13,914 03	
Olericulture.....		544 01		25 50				569 51	
Plant breeding.....		5,196 05	74 59				2,349 96	7,620 60	
Extension.....		87 53						1,135 23	
Olney Farm.....		1,135 23						87 53	
Floriculture.....		7,934 88	22 45					7,957 33	
1913-14 orders.....				210 00				210 00	
Total, Schedule 35.....	\$39,240 29	\$26,587 57	\$174 52	\$307 20			\$4,424 94	\$31,494 23	*\$2,253 94
United States Experiment Station—									
Adams—Pomology.....		\$ 750 00						\$ 750 00	
Adams—Plant breeding.....		3,749 92						3,749 92	
Total, Schedule 35.....	\$4,500 00	\$4,499 92						\$4,499 92	\$0 08

\* Overdraft.

## SCHEDULE 36.

STATEMENT OF APPROPRIATIONS FOR ENGINEERING COLLEGE AND EXPERIMENT STATION AS AT MAR. 31, 1915.

	Appropriations and credits.	Cash disbursements.	Transfer charges.	Open market orders outstanding.	Job orders.	Library orders outstanding.	Salaries.	Total.	Free balance.
College—									
Salaries.....	\$202,017 69	\$148,055 67					\$53,962 02	\$202,017 69	
Administration.....	4,033 19	1,562 83	\$ 569 99	\$ 138 50				2,271 32	\$1,761 87
Architecture.....	3,900 00	2,998 55	621 20	1 50	\$ 36 00	\$138 42		3,795 67	104 33
Civil Engineering.....	1,802 00	536 86	409 85	27 00	45 00			1,018 71	783 29
Electrical Engineering.....	5,816 50	2,334 19	656 86	431 36				3,422 41	2,394 09
General Engineering Drawing.....	1,100 00	854 76	115 21	41 33	50 00			1,061 30	38 70
Mechanical Engineering.....	12,043 97	7,756 07	1,459 45	433 77	17 00			9,686 29	2,377 68
Mining Engineering.....	5,500 61	2,195 12	892 53	537 40		14 40		3,639 45	1,861 16
Physics.....	6,008 85	3,422 69	289 44	964 55	160 00			4,836 68	1,172 17
Railway Engineering.....	3,500 00	1,461 03	161 61	540 04	64 00	14 40		2,241 08	1,258 92
Theoretical and Applied Mechanics.....	5,438 43	1,552 38	346 17	514 40	6 00			2,418 95	3,019 48
Station—									
Salaries.....	17,436 86	13,406 96					4,029 90	17,436 86	
Administration.....	11,607 85	4,935 74	89 85	520 00	15 00		1,500 00	7,045 59	3,985 73
Chemistry.....	400 00	461 29	100 24					576 53	
Civil Engineering.....	1,600 00	1,356 31		47 28				199 50	200 50
Electrical Engineering.....	1,200 00	61 92	5 00	48 35				1,451 94	148 06
Mechanical Engineering.....	2,000 00	30 75		116 12				183 04	1,016 96
Railway Engineering.....	2,627 70	1,330 60	127 04	68 35				30 75	1,969 25
Theoretical and Applied Mechanics.....	600 00	130 00		16 58				1,525 99	1,101 71
Mining Engineering.....	5,000 00	2,817 66	40 44				600 00	130 75	469 25
Cooperative mines.....	21,170 01	14,886 79		290 66	18 00		3,024 99	3,474 68	1,525 32
Mechanics' and Miners' Institutes.....								18,220 44	2,949 57
Total.....	\$314,803 66	\$212,347 67	\$5,932 91	\$4,689 91	\$411 00	\$167 22	\$63,116 91	\$286,665 62	\$28,138 04



SCHEDULE 37.  
STATEMENT OF APPROPRIATIONS FOR GRADUATE SCHOOL AS AT MAR. 31, 1915.

	Appropriations and credits.	Cash disbursements.	Transfer charges.	Open market orders outstanding.	Library orders outstanding.	Salaries assigned.	Total.	Free balances.
Salaries and Fellowships.....	\$29,613 96	\$21,273 96				\$8,340 00	\$29,613 96	
Administration.....	1,500 00	779 41	\$89 59	\$ 24 25	\$ 3 30		896 55	\$ 603 45
Library equipment—								
Bagley.....	500 00	375 08					375 08	124 92
Carnahan.....	129 16	129 16					129 16	
Blondheim.....	150 00	29 90			73 12		103 02	46 98
Fitz-Gerald.....	400 00	75 38			324 62		400 00	
Greene.....	75 00				30 00		30 00	45 00
Jones.....	175 00	158 99					158 99	16 01
Loomis.....	205 00	132 52			45 30		177 82	27 18
Moore.....	225 00							225 00
Reitz.....	17 00	17 00					17 00	
Schoepperle.....	220 00	64 81			46 66		111 47	108 53
Sherman.....	500 00	499 41					499 41	59
Stoek.....	400 00	400 00					400 00	
Ward.....	100 00	4 34			53 00		57 34	42 66
Unassigned.....	403 84	*1 50			186 30		187 80	216 04
Research—								
Balke.....	88 00	88 00					88 00	
Bayley.....	100 00	100 00					100 00	
Blondheim.....	100 00	70 00					70 00	30 00
Carman.....	1,000 00	3 56		707 00			710 56	289 44
Fairlie.....	150 00	122 00					122 00	28 00
Forbes.....	100 00	64 98		9 60			74 58	25 42
Loomis.....	60 00							60 00
Savage.....	197 83	197 83					197 83	
Shelford.....	330 00	246 13	3 72	20 70			270 55	59 45
Stebbins.....	300 00	96 27	35 38	25 00			156 65	143 35
Trelease.....	100 00	99 45					99 45	55
Washburn.....	322 15	282 15		17 00			299 15	23 00
Ward.....	25 00	25 00					25 00	
Zeleny.....	200 00	54 00					54 00	146 00
Unassigned.....	2,647 02	†604 00					604 00	2,043 02
Illinois survey.....	3,072 44	1,756 72	22 76	365 14	63 65	420 00	2,628 27	444 17
University studies.....	4,000 00	1,576 18	41 55	1,632 00			3,239 73	760 27
Journal of English and Germanic Philology.....	1,500 00	919 10					919 10	580 90
Crockerland expedition.....	2,500 00							2,500 00
Total, Schedule 3.....	\$51,406 40	\$30,246 83	\$183 00	\$2,800 69	\$825 95	\$8,760 00	\$42,816 47	\$8,589 93

\* Dr. Meyer.   † Speculum Regale.

## SCHEDULE 38.

STATEMENT OF THE ACCOUNTS OF THE COLLEGES OF MEDICINE AND DENTISTRY AS AT MAR. 31, 1915, AS SUBMITTED BY J. S. TOMLINSON, CASHIER.

	Allotments and credits.	Cash dis- bursements.	Transfer charges.	Open market orders out- standing.	Contracts outstanding.	Salaries assigned.	Total.	Balances.
General—								
Salaries.....	\$43,242 00	\$26,302 49				\$16,939 51	\$43,242 00	.....
Administration.....	2,060 00	1,758 52	\$ 177 05	\$ 196 39	\$ 58 60		2,190 56	\$ *130 56
Physical plant.....	28,541 00	17,986 53	106 27	240 96	7,580 43		25,914 19	2,626 81
Laboratory supplies.....	3,000 00	282 06	36	18 75			301 17	2,698 83
Anatomy.....	1,525 00	596 28	426 32	10 83	240 32		1,273 75	251 25
Physiology.....	1,000 00	505 43	56 08	17 83			579 34	420 66
Chemistry.....	3,050 00	1,062 60	1,629 34	158 33			2,850 27	199 73
Laboratory stores.....	4,965 46	8,047 55		1,542 20			9,589 75	*4,624 29
Microscopes.....	6,000 00	2,762 20		69 70			2,831 90	3,168 10
Medical—								
Salaries.....	29,870 00	21,375 49				8,494 51	29,870 00	.....
Administration.....	4,435 00	3,547 52	175 09	85 59	428 07		4,236 27	198 73
Pathology.....	1,200 00	613 19	342 24	116 82			1,072 25	127 75
Pharmacy.....	1,000 00	356 54	208 97	82 55			648 06	351 94
Research.....	1,737 00	504 14	542 90	189 28			1,236 32	500 68
Medicine.....	700 00	279 40	10 70	1 20			291 30	408 70
Surgery.....	1,400 00	201 84	191 08	18 70			411 62	988 38
Obstetrics.....	1,500 00	1,036 25	10 20				1,046 45	453 55
Roentgenology.....	1,400 00	464 43	97	57 00			522 40	877 60
Dispensary.....	2,000 00	1,132 64	709 73	29 50			1,871 87	128 13
Library.....	4,050 00	1,670 85	34 15	1,337 81			3,042 81	1,007 19
Bacteriology.....		8 50					8 50	*8 50
Dental—								
Salaries.....	18,940 00	13,244 65				5,695 35	18,940 00	.....
Administration.....	2,576 00	1,796 47	109 68	12 15	375 47		2,293 77	282 23
Oral Surgery and Pathology.....	300 00	37 26	9 07	34 50			80 83	219 17
Operative Dentistry.....	200 00	25 65		150 00			175 65	24 35
Prosthetic Dentistry.....	300 00	186 82	91	1 10			188 83	111 17
Histology and Orthodontia.....	500 00	29 28	102 78	1 50			133 56	366 44
Bacteriology.....	700 00	34 80	77 14				111 94	588 06
Infirmery.....	3,600 00	2,565 72	42 68	191 07			2 799 47	800 53
Radiology.....	700 00	170 86	1 75	5 00			177 61	522 39
Mortgage and interest.....	13,541 40	6,679 71					6,679 71	6,861 69
	\$184,032 86	\$115,265 67	\$4,965 46	\$4,568 76	\$8,682 89	\$31,129 37	\$164,612 15	\$19,420 71
Deduct Dental No. 233 in process of payment.....		38 32					38 32	38 32
Total, as per B. O. books.....	\$184,032 86	\$115,227 35	\$4,965 46	\$4,568 76	\$8,682 89	\$31,129 37	\$164,573 83	\$19,459 03

\* Overdraft.

## SCHEDULE 39.

## STATEMENT OF APPROPRIATIONS FOR OTHER SCHOOLS AND DEPARTMENTS AS AT MAR. 31, 1915.

	Appropriations and credits.	Cash disbursements.	Transfer charges.	Open market orders outstanding.	Job orders outstanding.	Library orders outstanding.	Contracts.	Salaries.	Total.	Free balance.
Commerce—										
Salaries.....	\$31,033 08	\$22,548 15						\$8,484 93	\$ 31,033 08	
Expense.....	5,000 00	3,243 60	\$261 94	\$ 6 50		\$1,510 08			5,022 12	*\$ 22 12
Law School—										
Salaries.....	23,232 90	17,283 01						5,949 89	23,232 90	
Expense.....	3,300 00	686 44	84 09						770 53	2,529 47
Pharmacy—										
Salaries.....	10,891 46	7,891 52						2,999 94	10,891 46	
Expense.....	13,358 45	10,250 90	60	206 32			\$1,000 00		11,457 82	1,900 63
Library School—										
Salaries.....	6,879 80	5,329 85						1,549 95	6,879 80	
Expense.....	1,000 00	639 01	26 60	38 00					703 61	296 39
Music—										
Salaries.....	18,349 88	13,189 91						5,159 97	18,349 88	
Expense.....	1,860 00	1,280 38	102 23	16 00	\$43 00				1,441 61	418 39
Water survey and investigation.....	31,895 62	23,757 11	572 63	83 50	13 00			5,289 97	29,716 21	2,182 41
Summer Session 1914.....	23,804 63	23,796 73	7 90						23,804 63	
Summer Session 1915.....	25,000 00	764 29	111 50	173 00					1,048 79	23,951 21
Accountancy Committee.....	3,152 69	639 46	10 00	3 00					652 46	2,500 23
Law Library.....	5,000 00	2,870 60				1,191 23			4,061 83	938 17
Stores and transfer accounts—										
Office supplies stores.....	5,936 82	9,044 31	46 50						-9,090 81	*3,153 99
Physical plant stores.....	71,840 21	84,605 64	263 16						84,868 80	*13,028 59
Postage stores.....	6,499 15	7,536 60							7,536 60	*1,037 45
Printograph.....	463 45	578 33	8 52						586 75	*123 40
Labor.....	97,409 05	104,565 70							†104,565 70	*7,156 65
Total.....	\$385,910 19	\$340,501 54	\$1,495 67	\$526 32	\$56 00	\$2,701 31	\$1,000 00	\$29,434 65	\$375,715 49	\$10,194 70

\* Overdraft. † Value of stock on hand and accounts not closed out.

## SCHEDULE 301.

## TRUST FUND TRANSACTIONS AS AT MAR. 31, 1915.

	Balance July 1, 1915.	Receipts to Feb. 27, 1915.	Receipts March, 1915.	Total receipts.	Disburse- ments Feb. 27, 1915.	Disburse- ments March, 1915.	Total disburse- ments.	Balance Mar. 31, 1915.
Trust Funds—								
B'nai B'rith—								
Library Fund.....	\$ 64 85	\$ 50 00	.....	\$ 114 85	\$ 114 85	.....	\$ 114 85	.....
Prize Fund.....	50 00	.....	.....	50 00	.....	.....	.....	\$ 50 00
Bryan Prize.....	250 00	.....	.....	250 00	.....	.....	.....	250 00
Class of 1895.....	78	.....	.....	78	.....	.....	.....	78
Llewellyn Prize.....	.....	.....	\$ 50 00	50 00	.....	.....	.....	50 00
McDowell Memorial Fund.....	4 57	.....	.....	4 57	.....	.....	.....	4 57
McKinley Loan Fund—								
Interest.....	48 79	330 96	106 66	437 62	1,250 00	225 00	1,475 00	261 41
Principal.....	.....	1,069 00	181 00	1,250 79	.....	.....	.....	5,550 00
Margaret Lange James Loan Fund.....	.....	5,520 00	30 00	5,550 00	.....	.....	.....	2,000 00
Plym Fellowship.....	1,200 00	1,000 00	.....	2,200 00	200 00	.....	200 00	.....
Snyder Loan Fund—								
Interest.....	.....	467 40	11 12	478 52	300 00	300 00	600 00	*121 48
Principal.....	774 17	1,497 62	60 00	2,331 79	1,900 00	100 00	2,000 00	331 79
Wilson Lectureship.....	100 00	.....	.....	100 00	.....	.....	.....	100 00
Woman's League Loan Fund—								
Interest.....	.....	7 59	.....	7 59	.....	.....	.....	7 59
Principal.....	91 40	40 00	.....	131 40	130 00	.....	130 00	1 40
Trust Deposits—								
Graduate School Thesis Deposits.....	575 00	50 00	.....	625 00	50 00	.....	50 00	575 00
Key deposits.....	.....	200 00	3 50	203 50	6 50	.....	6 50	197 00
Military suits deposits†.....	.....	19,332 85	16 20	19,349 05	19,251 80	16 20	19,268 00	81 05
Parr deposits.....	.....	490 20	2,286 25	2,776 45	407 98	1,450 48	1,858 46	917 99
Towel fund deposit.....	291 75	585 00	.....	876 75	25 00	.....	25 00	851 75
Total.....	\$3,451 31	\$30,640 62	\$2,744 73	\$36,836 66	\$23,636 13	\$2,091 68	\$25,727 81	\$11,108 85

\* Overdraft. † Reported Feb. 27, as \$19,300.45. \$32.40 collected in February and entered in General Fund. Transferred to Trust Fund in March.

## SCHEDULE 4.

## RECONCILIATION WITH UNIVERSITY TREASURER AS AT MAR. 31, 1915.

General fund—		
Treasurer's balance .....		\$270,599 31
Add: Receipts credited by Treasurer in April.....		413 64
		<hr/>
		\$271,012 95
Deduct: Receipts credited by business office in April.....		1,939 40
		<hr/>
		\$269,073 55
Deduct: Unpaid warrants—		
Issued before July 1, 1913.....	\$ 341 37	
Issued 1913-1914 .....	47 65	
Issued 1914-1915 .....	14,043 40	
		<hr/>
		14,432 42
Business office corrected balance.....		<hr/>
Add: Error warrants No. 6622-54.....		\$254,641 13
		02
		<hr/>
Business office balance .....		\$254,641 15
United States Agricultural Experiment Station—		
Treasurer's balance .....		\$5,464 51
Deduct: Unpaid warrants .....		2,395 51
		<hr/>
Business office balance .....		\$3,069 00
College of Medicine Fund—		
Treasurer's balance .....		\$133 75
Deduct: Unpaid warrants .....		133 75
		<hr/>
Business office balance .....		\$000 00
Trust fund—		
Treasurer's balance .....		\$11,176 35
Add: Receipts credited by Treasurer in April.....		7 50
		<hr/>
		\$11,183 85
Deduct: Unpaid warrants .....		75 00
		<hr/>
Business office balance .....		\$11,108 85

## SCHEDULE 5.

## RECONCILIATION WITH STATE AUDITOR AS AT MAR. 31, 1915.

Operation, maintenance and equipment—		
Auditor's balance .....		\$283,784 08
Add: Vouchers C1077-95 incorrectly charged to this fund.....		785 64
		<hr/>
Auditor's corrected balance .....		\$284,569 72
Deduct: Unpaid vouchers .....		747 65
		<hr/>
Business office balance .....		\$283,822 07
Buildings, land and equipment—		
Auditor's balance .....		\$261,959 46
Deduct: Vouchers C1077-95 charged to wrong fund.....		785 64
		<hr/>
Add: Error .....		\$261,173 82
		200 00
		<hr/>
Auditor's corrected balance .....		\$261,373 82
Deduct: Unpaid vouchers .....		658 45
		<hr/>
Business office balance .....		\$260,715 37
Water survey—		
Auditor's balance .....		\$6,123 49
Deduct: Unpaid vouchers .....		59 51
		<hr/>
Business office balance .....		\$6,063 98
Miners' and Mechanics' Institutes—		
Auditor's balance .....		\$6,238 01
Business office balance .....		
Apr. 7, 1915.		

## APPOINTMENTS MADE BY THE PRESIDENT OF THE UNIVERSITY.

The Secretary presented also for record the following list of appointments made by President James:

Abraham, Effie G., Temporary Cataloger in the Library, on one-third time, beginning April 2, 1915, or as soon as she reports for duty, and continuing until June 1, 1915, at a salary of twenty dollars (\$20) a month. (April 3, 1915.)\*

Alvord, Clarence W., Director of the Illinois Historical Survey, without salary, beginning April 1, 1915, and continuing until further notice. (April 2, 1915.)

Leonard, Faith, University Secretary in the Department of Animal Husbandry, at a salary of seventy-five dollars (\$75) a month, beginning March 15, 1915, or as soon as she may report for duty, and continuing until further notice, subject to the rules of the Civil Service Commission. (March 12, 1915.)

Muhleman, Elizabeth, Typist in the Business Office, at a salary of fifty dollars (\$50) a month, beginning March 1, 1915, and continuing until further notice, subject to the rules of the Civil Service Commission. (March 11, 1915.)

Riggs, Bess, Stenographer in the Department of Animal Husbandry, at a salary of forty-five dollars (\$45) a month, beginning April 1, 1915, and continuing until further notice, subject to the rules of the Civil Service Commission; this appointment superseding her former appointment in the general office of the College of Agriculture at thirty-five dollars (\$35) a month. (April 12, 1916.)

Rowland, F. E., Graduate Assistant in Chemistry, at a salary of thirty dollars (\$30) a month, beginning April 16, 1915, and continuing until June 30, 1915; this appointment superseding his former appointment as Student Assistant. (April 16, 1915.)<sup>1</sup>

Smith, Dey B., Temporary Cataloger in the Library, on one-third time, beginning April 2, 1915, or as soon as she reports for duty, and continuing until June 1, 1915, at a salary of twenty dollars (\$20) a month. (April 3, 1915.)

Welo, Lars A., Research Assistant in Astronomy, on one-third time, beginning April 20, 1915, and continuing until June 30, 1915, with salary at the rate of thirty-five dollars (\$35) a month. (April 26, 1915.)

Wilson, L. T., Instructor in Mathematics, for ten months beginning September 1, 1915, at a salary of one hundred twenty dollars (\$120) a month. (April 23, 1915.)

Woelfel, Albert, Instructor in Physiology in the College of Medicine for the rest of the current academic year, at a salary of six hundred dollars (\$600) for the period. (March 25, 1915.)

The Executive Committee adjourned.

W. L. ABBOTT, *Chairman*.

H. E. CUNNINGHAM, *Clerk*.

\* The date in parenthesis is the date on which the appointment was made by the President of the University.

<sup>1</sup> Appointment made by Vice President Kinley.

## MEETING OF MAY 22, 1915.

A special meeting of the Board of Trustees of the University of Illinois was held at the Blackstone Hotel, in the city of Chicago, at 12.00 m., on Saturday, May 22, 1915, pursuant to the following notice which was sent out by the Secretary on May 15, 1915:

On the call of the President, Mr. W. L. Abbott, there will be a special meeting of the Board of Trustees of the University of Illinois at the Blackstone Hotel, in Chicago, at 12 o'clock noon, on Saturday, May 22, 1915, to consider such matters as the committees of the board and the President of the University may submit, and such other matters as may be duly presented.

When the board convened, the following members were present: President Abbott, Mr. Carr, Mrs. Evans, Mrs. Henrotin, Mr. Hoit, Mr. Ward, Miss Watson.

President James was present, and, during a part of the afternoon, Mr. W. B. Castenholz, Comptroller.

### RESOLUTIONS CONCERNING MR. J. K. HOPKINS.

The death of Mr. James K. Hopkins, President of the State Board of Agriculture, and a member of the board, ex officio, having been announced, the following resolution was adopted on motion of Mrs. Evans:

WHEREAS, The Board of Trustees of the University of Illinois has learned of the death of Mr. James K. Hopkins, President of the State Board of Agriculture and ex officio a member of the Board of Trustees, be it

*Resolved*, That the board express its sincere regret at this great loss to the interests of education and of agriculture in the State of Illinois, and that the board tender its sympathy to the members of the bereaved family.

President Abbott and Mr. Hoit were appointed a committee to represent the board at the funeral of Mr. Hopkins on Sunday.

### MINUTES APPROVED.

The Secretary presented the minutes of the meeting of April 21, 1915, and of the adjourned session of April 27, 1915, and also for record the minutes of the meeting of the Executive Committee of April 27, 1915. On motion of Mrs. Evans, the minutes were approved and received for record as printed above on pages 230 to 271, inclusive.

### COMPTROLLER INTRODUCED.

The President of the University presented Mr. W. B. Castenholz, recently elected Comptroller of the University, who indicated briefly certain ways in which he thought the system of accounting of the University could be improved, and announced that he would shortly submit a detailed plan for the consideration of the board.

At this point, Mr. Abbott, being called from the room, asked Mrs. Henrotin to preside over the meeting.

### MATTERS PRESENTED BY THE PRESIDENT OF THE UNIVERSITY.

President James presented the following matters for the consideration of the board:

#### PARTIAL PAYMENT FROM J. R. WALSH ESTATE.

(1) Letters from the Comptroller and from the University Counsel relating to the judgment against the John R. Walsh estate:

*May 7, 1915.*

*President Edmund J. James, University of Illinois.*

DEAR SIR: We this day received from Judge Harker a check [for \$5,064.20] as indicated in my acknowledgment to him. This is in part payment of a judgment against the John R. Walsh estate, because of rents to the University of Illinois from the now defunct Ft. Dearborn Medical School. I have taken the liberty of crediting this receipt to our general fund.

Very truly yours,

W. B. CASTENHOLZ.

May 24, 1915.

*In re Claim against the estate of John R. Walsh.**President Edmund J. James, University of Illinois.*

DEAR SIR: I beg to report with reference to the above matter that a dividend of 40 per cent has been authorized by the Probate Court of Cook County on the judgment which the University recovered against the Walsh estate on January 24, 1913, for \$11,372.16. This judgment was recovered on a claim against the estate by reason of Mr. Walsh being guarantor on a lease executed by the Board of Trustees to the Dearborn Medical College. The judgment was recovered before Judge Cummings, after something of a contest with other creditors.

I have received the dividend in the shape of a check for \$5,064.20, which I have turned over to the Comptroller of the University.

I am unable at this time to express any great confidence in a further collection of this claim. There is some pending litigation and some uncollected claims of doubtful character. The local attorney associated with me in the trial of the cause expresses the opinion that there will not be any considerable collection of the claims now in the hands of the administratrix, due the estate.

Respectfully submitted,

O. A. HARKER, *Legal Counsel.*

These letters were received for record.

At this point, Mr. Abbott returned and resumed the chair.

#### COMPANY OF ENGINEERS IN BRIGADE.

(2) A letter from Maj. F. D. Webster, Professor of Military Science, enclosing a communication from the Cadet Colonel and Brigade Commander, Joseph N. Greene, concerning the formation of a Company of Engineers in the Cadet Brigade.

April 28, 1915.

*President E. J. James, University of Illinois.*

DEAR SIR: I am enclosing you a letter written by Cadet Col. J. N. Greene after consultation with myself and members of the Engineering Faculty. His suggestion is in line with my own recommendation for the establishment of an Engineer Company next year but goes more into detail.

My idea is ultimately to make this a Company of Engineer Militia like the Battery in order to get the full equipment for engineers issued by the War Department to such companies in the State. The organization of an Engineer Company will assist the State in organizing its auxiliary units and will help us along the lines of training in field engineering and topographical work.

It will increase the interest in military work at the University and probably help toward the establishment of the degree of B.S. in Military Science and Tactics.

These suggestions are respectfully offered for your consideration.

Very respectfully,

F. D. WEBSTER,  
*Major of Infantry, Professor of Military Science.*

April 27, 1915.

*From: Cadet Colonel Commanding the Brigade.*

*to: Commandant of Cadets, University of Illinois.*

*Subject: Formation of a Company of Engineers.*

1. I have the honor to recommend that there be formed at the University of Illinois a pioneer Company of Engineers to be attached to the Cadet Brigade.

2. The members of this company would be undergraduates of the College of Engineering, Departments of Mechanical, Civil, and Electrical Engineering. In order that the men of this company might be better equipped and trained for the work required of them each man should have had at least one semester's work in infantry drill.

3. To secure the maximum benefit for both the Military Department and the men of the company the following plan of selection is suggested:

(a) Each man shall have shown that he is a practical engineer and that he has maintained an average for the preceding semester of at least 80 per cent.

(b) The Faculty of the College of Engineering shall recommend to the Military Department at the beginning of each semester such men as they feel fill the above requirements. Their names shall be arranged on the list in order of their estimated ability.

(c) The Commandant of Cadets shall then select from the list the names of a sufficient number to fill the ranks of the company. In this selection the nominee's ability in the school of infantry should be carefully considered.

(d) Promotions and assignments after the first recommendations shall be made by the Commandant of Cadets as provided by the regulations of the University.

4. The Commandant of Cadets and the Dean or Assistant Dean of the College of Engineering shall confer and arrange a schedule of lectures which shall be delivered by such members of the Engineering Faculty who volunteer to instruct the members of the Company upon those types of work which are usually taken up by Engineer Companies.

5. The organization of the company shall be as follows:

- |                      |                           |
|----------------------|---------------------------|
| 1 Captain.           | 1 Quartermaster Sergeant. |
| 2 First Lieutenants. | 4 Sergeants.              |
| 1 Second Lieutenant. | 8 Corporals.              |
| 1 First Sergeant.    | 54 Privates.              |

6. The officers of the company shall be appointed as provided by the regulations of the University.

7. It is recommended that the Board of Trustees of the University provide at this time the four additional scholarships required by the establishment of this



company, the said scholarships to be available at the beginning of the school year 1915-16. It is believed that the organization of the company will be greatly facilitated and that the departments concerned will have a better opportunity to select men if the scholarships are provided for before the close of the present school year.

8. There will be no additional expense in the way of uniforms as the Army regulations prescribe the same uniform for engineers as for the infantry. A small amount of money should be included in the Military Department budget for the school year 1915-16 for the construction of a "spar bridge" of one type or another.

JOS. N. GREENE,

*Cadet Colonel and Brigade Commander.*

The above proposition seems to me easily practicable and most desirable.

H. W. MILLER,

*Assistant Dean, College of Engineering.*

On motion of Miss Watson, the plan of organizing a Company of Engineers was approved as outlined above. The President of the University was requested to discuss with the Commandant the advisability of requiring sophomore standing for admission to this company.

#### STATUS OF LOAN FUNDS.

(3) A communication from the Comptroller indicating the status of the resources of the several loan funds of the University:

May 21, 1915.

*President Edmund J. James, University of Illinois.*

DEAR SIR: Herewith are handed you the statements of the resources of the several loan funds of the University.

On April 24, 1913, the Comptroller was authorized to employ the collection department of R. G. Dun and Company in the collection of delinquent fees and delinquent loans from the Snyder Loan Fund (Minutes, 1913, p. 301). The enclosed statements are intended to show not only the resources of the several funds, but also the percentage of notes and interest past due.

You will note that the notes of C. M. Morris and Paul Van der Vort are in the hands of Judge Harker for collection. He states that collection is being forced as rapidly as may be.

Very truly yours,

W. B. CASTENHOLZ, *Comptroller.*

#### SUMMARY OF STUDENT LOAN FUNDS AS AT MAY 1, 1915.

Fund.	Notes receivable.	Interest receivable.	Cash on hand.	Total re- sources of fund.
Class of 1895 Fund.....	\$ 130 00	\$ 27 22	\$ 0 78	\$ 158 00
Graduate Club Fund.....			103 25	103 25
Margaret Lange James Fund.....	1,880 00	*	3,690 00	5,570 00
William B. McKinley Fund.....	13,602 76	1,097 21	284 40	14,984 37
Edward Snyder Fund.....	12,253 21	*	271 79	12,525 00
Woman's League Fund.....	475 00	45 03	8 99	529 02
Total .....	\$23,340 97	\$1,169 46	\$4,359 21	\$33,869 64

\* Interest not added to fund.

#### CLASS OF 1895 FUND AS AT MAY 1, 1915.

Name.	Due.	Balance of principal.	Unpaid interest to July 1, 1915.
Gould, F. E.....	Sept. 17, 1917 Sept. 17, 1918	\$20 00 20 00	\$2 00 2 00
Total, Gould.....		\$40 00	\$4 00
Parker, L. A.....	Sept. 18, 1916 Sept. 18, 1917	\$20 00 20 00	\$2 00 2 00
Total, Parker.....		\$40 00	\$4 00
White, Clarence W.....	Dec. 1, 1910 Dec. 1, 1911	\$25 00 25 00	\$19 22
Total, White.....		\$50 00	\$19 22
Total.....		\$130 00	\$27 22

## MARGARET LANGE JAMES FUND AS AT MAY 1, 1915.

Name.	Due.	Balance of principal.	Unpaid interest to July 1, 1915.
Barnes, R. D.....	July 1, 1918	\$ 50 00	.....
Barringer, Edna.....	July 1, 1917	110 00	.....
Booze, M. C.....	do.....	75 00	.....
Cieslik, Edmund.....	July 1, 1918	100 00	.....
Cressey, Lucretia.....	July 1, 1917	150 00	.....
Fogg, Alden K.....	do.....	200 00	.....
Poster, G. H.....	July 1, 1919	50 00	.....
Grigsby, Hugh.....	July 1, 1918	100 00	.....
Jessen, Hubert.....	July 1, 1917	50 00	.....
Jones, M. D.....	do.....	175 00	.....
Kouyoumjian, Garabet.....	July 1, 1918	70 00	.....
Lindley, G. H.....	July 1, 1917	150 00	.....
Rogers, H. B.....	do.....	200 00	.....
Semple, A. T.....	July 1, 1918	75 00	.....
Sims, C. E.....	July 1, 1917	100 00	.....
Slater, M. E.....	do.....	75 00	.....
Stitt, R. de V.....	do.....	50 00	.....
Walser, F. E.....	do.....	100 00	.....
Total.....		\$1,880 00	.....

## WILLIAM B. MCKINLEY FUND AS AT MAY 1, 1915.

Name.	Date.	Balance of principal.	Unpaid interest to July 1, 1915.
Abbott, E. D.....	Dec. 1, 1912	\$ 40 00	.....
Atkinson, F. M.....	July 1, 1915	100 00	.....
Auten, J. T.....	July 1, 1918	150 00	.....
Bainum, G. C.....	May 27, 1913	50 00	.....
Bainum, G. C.....	Sept. 27, 1914	20 00	.....
Bainum, G. C.....	Nov. 6, 1914	20 00	.....
Bainum, G. C.....	Nov. 26, 1914	20 00	.....
Bainum, G. C.....	Feb. 4, 1914	25 00	.....
Total, Bainum.....		\$135 00	.....
Barkman, C. P.....	July 1, 1916	50 00	.....
Burnette, Wm., Jr.....	do.....	100 00	.....
Burns, Joe K.....	Sept. 15, 1915	100 57	\$8 97
Burns, Joe K.....	Sept. 15, 1916	100 57	8 97
Burns, Joe K.....	Sept. 15, 1917	100 57	8 97
Burns, Joe K.....	Sept. 15, 1918	100 57	8 97
Burns, Joe K.....	Sept. 15, 1919	100 57	8 97
Total, Burns.....		\$502 85	\$44 85
Busse, H. H.....	Nov. 21, 1915	150 00	11 26
Chubbuck, J. E.....	July 1, 1918	75 00	.....
Cochran, H. R.....	Dec. 10, 1914	200 00	.....
Cowgill, C. H.....	July 1, 1916	250 00	.....
Culp, J. D.....	July 1, 1918	100 00	.....
Dalbey, E. L.....	Jan. 25, 1913	50 00	5 29
Dalbey, E. L.....	Jan. 30, 1912	150 00	26 25
Dalbey, E. L.....	Apr. 1, 1912	25 00	5 50
Dalbey, E. L.....	Apr. 19, 1913	125 00	31 50
Total, Dalbey.....		\$350 00	\$68 54
Dix, E. J.....	July 1, 1917	25 00	.....
Drew, E. N.....	Oct. 18, 1914	100 00	.....
Fielder, W. F.....	July 1, 1916	150 00	.....
Finn, E. M.....	July 1, 1918	75 00	.....
Fletcher, C. H.....	July 1, 1915	150 00	.....
Fort, L. M.....	Sept. 15, 1913	100 00	.....
Fort, L. M.....	Oct. 1, 1913	50 00	.....
Fort, L. M.....	Nov. 21, 1913	50 00	.....

## WILLIAM B. MCKINLEY FUND AS AT MAY 1, 1915—Continued.

Name.	Date.	Balance of principal.	Unpaid interest to July 1, 1915.
Fort, L. M .....	Dec. 12, 1913	\$50 00	.....
Fort, L. M .....	Jan. 30, 1914	50 00	.....
Fort, L. M .....	Feb. 24, 1914	25 00	.....
Fort, L. M .....	Apr. 17, 1914	50 00	.....
Total, Fort.....		\$375 00	.....
Gehrig, E. F .....	July 1, 1917	150 00	.....
Goff, R. A.....	do .....	50 00	.....
Gordon, W. G.....	Sept. 19, 1912	20 00	.....
Gordon, W. G.....	Oct. 8, 1913	50 00	.....
Gordon, W. G.....	Nov. 18, 1913	50 00	.....
Gordon, W. G.....	Dec. 22, 1913	50 00	\$ 3 24
Gordon, W. G.....	Jan. 31, 1914	75 00	12 81
Gordon, W. G.....	Feb. 24, 1914	25 00	4 19
Gordon, W. G.....	May 20, 1912	50 00	7 79
Total, Gordon .....		\$320 00	\$28 03
Hammitt, A. B.....	July 1, 1917	200 00	.....
Hedges, Guy O.....	July 1, 1916	100 00	23 05
Hersman, E. G.....	Oct. 14, 1915	200 00	27 14
Howes, H. E.....	July 1, 1915	50 00	3 73
Hufford, C. T.....	Oct. 3, 1913	50 00	.....
Hufford, C. T.....	July 1, 1914	50 00	.....
Total, Hufford.....		\$100 00	.....
Hunter, J. A.....	Jan. 1, 1916	50 00	\$ 3 70
Husband, R. M.....	July 1, 1917	25 00	1 25
Imes, O. S.....	July 1, 1918	250 00	.....
Ivens, A. R.....	Jan. 24, 1913	100 00	14 10
Ivens, A. R.....	July 22, 1913	50 00	7 35
Total, Ivens .....		\$150 00	\$21 45
Kaufman, S. B.....	Oct. 19, 1914	50 00	6 75
Kercher, Otis.....	Aug. 2, 1915	350 00	33 46
Lanham, R. L.....	Jan. 27, 1913	65 00	11 14
Lawrence, Ernest.....	July 1, 1916	200 00	.....
Leviton, H. I.....	June 1, 1912	50 00	9 08
Lewis, John E.....	July 1, 1917	75 00	.....
Loeffler, F. X.....	Oct. 26, 1914	40 00	1 40
Ludwig, E. R.....	Dec. 13, 1914	100 00	.....
Ludwig, E. R.....	Dec. 20, 1914	50 00	.....
Ludwig, E. R.....	Mar. 21, 1915	50 00	.....
Ludwig, E. R.....	June 11, 1915	50 00	4 92
Ludwig, E. R.....	June 28, 1915	25 00	3 76
Total, Ludwig.....		\$275 00	\$ 8 68
Lyman, F. D.....	Apr. 1, 1910	50 00	17 92
McCabe, C. L.....	July 1, 1916	35 00	.....
McIntosh, H. S.....	July 1, 1915	50 00	.....
McIntosh, R. D.....	Nov. 1, 1912	75 00	21 24
McIntosh, R. D.....	Jan. 1, 1912	75 00	20 51
McIntosh, R. D.....	Oct. 8, 1912	100 00	23 65
Total, McIntosh, R. D.....		\$250 00	\$65 40
McIntyre, Geo. E.....	July 1, 1916	200 00	14 89
Manock, W. R.....	Dec. 1, 1912	9 30	6 13
Manock, W. R.....	do .....	20 00	5 53
Manock, W. R.....	Feb. 1, 1912	30 00	8 05
Manock, W. R.....	Mar. 1, 1912	40 00	10 56
Manock, W. R.....	May 1, 1912	35 00	9 06
Manock, W. R.....	June 1, 1912	100 00	29 40
Total, Manock.....		\$234 30	\$68 73
Miller, A. E.....	Oct. 1, 1912	25 00	6 08
Miller, A. E.....	Oct. 8, 1912	50 00	11 83

## WILLIAM B. MCKINLEY FUND AS AT MAY 1, 1915—Continued.

Name.	Date.	Balance of principal.	Unpaid interest to July 1, 1915.
Miller, A. E.....	Nov. 23, 1912	\$25 00	\$5 76
Miller, A. E.....	Jan. 7, 1913	25 00	5 60
Miller, A. E.....	Feb. 7, 1913	40 00	8 80
Total, Miller, A. E.....		\$165 00	\$38 07
Miller, C. B.....	Nov. 1, 1909	50 00	19 19
Miller, C. B.....	Jan. 1, 1910	25 00	9 43
Miller, C. B.....	Jan. 1, 1909	25 00	9 38
Miller, C. B.....	Feb. 1, 1909	50 00	18 54
Miller, C. B.....	Mar. 1, 1910	25 00	9 18
Miller, C. B.....	do.....	25 00	9 10
Miller, C. B.....	Oct. 1, 1909	25 00	8 35
Miller, C. B.....	Nov. 1, 1910	75 00	24 82
Total, Miller, C. B.....		\$300 00	\$107 99
Millis, Guy G.....	Mar. 23, 1913	25 00	3 19
Motsinger, E. F.....	Sept. 11, 1914	50 00	4 02
Murphy, E. F.....	July 1, 1918	250 00	.....
Murphy, K. T.....	Oct. 12, 1912	200 00	47 20
Murphy, K. T.....	Dec. 21, 1912	50 00	8 82
Murphy, K. T.....	Jan. 12, 1914	50 00	8 67
Murphy, K. T.....	Apr. 2, 1913	50 00	8 12
Total, Murphy, K. T.....		\$350 00	\$72 00
Nelson, J. C.....	Mar. 25, 1913	40 00	.....
Nelson, J. C.....	Apr. 23, 1913	75 00	.....
Nelson, J. C.....	May 20, 1913	25 00	.....
Nelson, J. C.....	June 11, 1913	25 00	.....
Total, Nelson.....		\$165 00	.....
Noon, J. E.....	July 1, 1916	32 00	.....
Nourse, F. M.....	Jan. 1, 1915	395 00	\$30 00
Nowlen, P. A.....	Oct. 7, 1914	150 00	9 80
Nowlen, P. A.....	July 1, 1916	100 00	5 01
Total, Nowlen.....		\$250 00	\$14 81
Nye, J. L.....	Oct. 19, 1915	50 00	2 50
Nye, J. L.....	July 1, 1917	100 00	5 00
Total, Nye.....		\$150 00	\$ 7 50
Olsen, C. F.....	July 1, 1918	200 00	.....
Peterson, H. C.....	July 1, 1916	100 00	5 00
Powers, J. M.....	July 1, 1912	475 00	93 75
Putnam, W. J.....	Aug. 1, 1912	370 00	17 95
Ray, B. L.....	Nov. 20, 1914	25 00	3 27
Ray, B. L.....	July 1, 1915	150 00	14 94
Total, Ray.....		\$175 00	\$18 21
Richardson, F. B.....	July 1, 1916	50 00	.....
Richie, A. L.....	Feb. 6, 1913	38 61	.....
Richie, A. L.....	Jan. 3, 1914	75 00	.....
Richie, A. L.....	Feb. 28, 1913	75 00	.....
Richie, A. L.....	Nov. 20, 1914	100 00	.....
Total, Richie.....		\$288 61	.....
Riff, D. M.....	Dec. 14, 1914	35 00	\$ 2 61
Root, K. V.....	June 5, 1913	100 00	10 08
Rush, I. L.....	Feb. 1, 1913	50 00	2 49
Rush, I. L.....	July 1, 1914	50 00	1 31
Rush, I. L.....	July 1, 1917	100 00	2 53
Total, Rush.....		\$200 00	\$19 02

## WILLIAM B. McKINLEY FUND AS AT MAY 1, 1915—Concluded.

Name.	Date.	Balance of principal.	Unpaid interest to July 1, 1915.
Schuler, C. G.....	Nov. 9, 1914	\$ 75 00	\$13 67
Schoolcraft, P. L.....	July 1, 1915	50 00	4 93
Schulz, E. R.....	July 1, 1918	150 00	.....
Seidenberg, N. C.....	Jan. 17, 1914	50 00	8 64
Seidenberg, N. C.....	Feb. 5, 1914	50 00	15 03
Seidenberg, N. C.....	Mar. 28, 1914	50 00	8 51
Seidenberg, N. C.....	Oct. 2, 1914	50 00	8 15
Seidenberg, N. C.....	Nov. 13, 1914	50 00	6 87
Seidenberg, N. C.....	July 1, 1916	150 00	6 59
Total, Seidenberg .....		\$400 00	\$53 79
Seiler, O. E.....	Sept. 8, 1915	300 00	57 21
Shonts, T. D.....	July 1, 1917	100 00	.....
Skemp, S. C.....	July 1, 1916	25 00	.....
Sorenson, N. C.....	Nov. 25, 1914	100 00	.....
Stark, J. E.....	July 1, 1917	225 00	.....
Stephenson, H. V.....	July 1, 1916	100 00	.....
Stevenson, M. L.....	June 30, 1912	75 00	9 39
Stewart, C. H.....	May 1, 1912	130 00	33 39
Stitt, R. D.....	July 1, 1917	75 00	.....
Thorne, L. E.....	do.....	50 00	.....
Udinsky, W. H.....	July 1, 1918	75 00	.....
Webster, H. C.....	July 1, 1916	100 00	.....
White, K. B.....	Oct. 6, 1912	100 00	7 69
White, K. B.....	Dec. 17, 1912	100 00	8 68
Total, White.....		\$200 00	\$16 37
Wold, C. A.....	Oct. 6, 1913	50 00	.....
Wold, C. A.....	do.....	50 00	.....
Wold, C. A.....	Nov. 9, 1913	50 00	.....
Wold, C. A.....	Nov. 1, 1913	50 00	.....
Wold, C. A.....	Jan. 3, 1914	50 00	.....
Wold, C. A.....	Feb. 17, 1914	50 00	.....
Wold, C. A.....	Apr. 4, 1914	50 00	.....
Wold, C. A.....	July 1, 1915	150 00	.....
Total, Wold.....		\$500 00	.....
Woleben, D. P.....	Apr. 19, 1915	50 00	\$3 00
Woleben, D. P.....	June 3, 1915	50 00	2 69
Total, Woleben.....		\$100 00	\$5 69
Total.....		\$13,602 76	\$1,097 21

## EDWARD SNYDER FUND AS AT MAY 1, 1915.

Name.	Due.	Balance of principal.	Unpaid interest to July 1, 1915.
Bainum, G. C.....	July 1, 1915	\$100 00	\$ 5 25
Ballou, J. L.....	July 1, 1916	100 00	.....
Barreau, A. M.....	July 1, 1917	350 00	.....
Behr, H. R.....	July 1, 1918	125 00	.....
Beyer, Vera.....	July 1, 1916	125 00	.....
Blossat, H. A.....	July 1, 1905	75 00	14 53
Bilhorn, W. E.....	July 1, 1916	75 00	.....
Billings, W. E.....	July 1, 1909	60 00	3 31
Blatherwick, W. F.....	July 1, 1915	100 00	.....
Boettiger, L. A.....	do.....	250 00	6 40
Boyer, W. H.....	July 1, 1916	160 00	.....
Britton, W. E.....	do.....	200 00	.....
Brown, F. A.....	July 1, 1915	100 00	2 59
Buchanan, Kenneth.....	July 1, 1919	100 00	.....
Clark, Frances.....	July 1, 1911	110 00	17 52
Cohn, Alexander.....	July 1, 1916	200 00	.....
Colcord, F. M.....	do.....	150 00	.....

## EDWARD SNYDER FUND AS AT MAY 1, 1915—Concluded.

Name.	Due.	Balance of principal.	Unpaid interest to July 1, 1915.
Corzine, H. W. ....	July 1, 1915	\$ 97 84	\$ 2 04
Culp, J. D. ....	July 1, 1917	100 00	
Dass, B. ....	July 1, 1916	200 00	
Dean, Beatrice. ....	do. ....	100 00	
Dickerson, E. B. ....	do. ....	61 00	
Drew, E. N. ....	July 1, 1915	200, 00	
Edwards, Jeannette. ....	July 1, 1909	92 50	
Epstein, A. L. ....	July 1, 1915	350 00	
Fort, L. M. ....	do. ....	245 00	
Fuller, C. M. ....	do. ....	150 00	
Garland, C. W. ....	July 1, 1916	200 00	41 04
Griffith, C. P. ....	do. ....	150 00	
Halliday, Ruth ....	do. ....	200 00	
Hammil, Eugene C. ....	July 1, 1918	100 00	
Harner, G. M. ....	July 1, 1915	200 00	5 31
Harwood, H. H. ....	do. ....	150 00	3 94
Higgins, Max B. ....	July 1, 1916	200 00	5 30
Hitchcock, E. W. ....	July 1, 1917	200 00	
Holmes, W. E. ....	July 1, 1915	100 00	2 59
Horning, R. A. ....	July 1, 1917	75 00	
Howser, T. R. ....	July 1, 1910	101 65	4 54
Hufford, C. T. ....	July 1, 1917	75 00	
Hunter, J. A. ....	July 1, 1915	200 00	23
Jalandoni, J. L. ....	do. ....	100 00	15 16
Kercher, Otis. ....	July 1, 1916	200 00	10 27
Kobylanski, J. L. ....	July 1, 1917	200 00	
Lawrence, Ernest. ....	July 1, 1916	150 00	
Lear, G. B. ....	July 1, 1915	250 00	11 47
McAfee, L. G. ....	July 1, 1918	100 00	
McCaskill, K. A. ....	July 1, 1916	200 00	
McIntyre, G. E. ....	July 1, 1915	150 00	
Mohr, Herman. ....	do. ....	200 00	15 07
Morris, C. M*. ....	July 1, 1906	200 00	*109 86
Murphy, K. T. ....	July 1, 1915	100 00	15 03
Myers, A. L. ....	do. ....	334 00	
Myers, Chas. E. ....	do. ....	150 00	
Osmena, M. V. ....	July 1, 1913	45 00	3 73
Plummer, C. P. ....	July 1, 1908	150 00	27 52
Potter, E. J. ....	July 1, 1917	200 00	
Powell, L. L. ....	July 1, 1915	200 00	15 61
Preston, F. D. ....	July 1, 1912	35 50	4 67
Preus, P. A. ....	July 1, 1916	125 00	
Ralston, R. A. ....	July 1, 1915	100 00	
Reisner, C. L. ....	do. ....	110 00	4 14
Rhea, F. H. ....	July 1, 1905	50 00	28 85
Richardson, F. B. ....	July 1, 1916	50 00	
Riff, D. M. ....	do. ....	150 00	11 30
Rogers, H. B. ....	July 1, 1917	200 00	
Sandberg, R. L. ....	July 1, 1913	20 00	
Schadt, Mabel E. ....	July 1, 1916	45 00	
Simpson, G. E. ....	July 1, 1915	27 04	
Smith, Robert. ....	July 1, 1916	175 00	
Smith, S. T. ....	July 1, 1917	200 00	
Stark, J. E. ....	July 1, 1916	150 00	
Stephenson, H. V. ....	July 1, 1915	80 00	
Stevens, W. O. ....	July 1, 1917	150 00	
Stitt, R. D. ....	do. ....	100 00	
Stough, G. H. ....	July 1, 1915	150 00	12
Stout, E. B. ....	July 1, 1917	150 00	
Tarracciano, A. E. ....	July 1, 1916	175 00	12
Taylor, E. G. ....	July 1, 1918	75 00	
Todd, Mabel. ....	July 1, 1915	70 00	2 11
Todd, J. N. ....	July 1, 1914	160 00	
Van der Vort, Paul*. ....	July 1, 1905	43 68	*8 57
Wagner, R. R. ....	July 1, 1918	150 00	
Walworth, E. H. ....	July 1, 1915	150 00	
Washburn, C. S. ....	July 1, 1917	200 00	
White, K. B. ....	July 1, 1913	150 00	
Williford, E. A. ....	July 1, 1917	150 00	
Total. ....		\$12,253 21	\$441 92

\* Note in the hands of Judge Harker for collection.

## WOMAN'S LEAGUE FUND AS AT MAY 1, 1915.

Name.	Due.	Balance of principal.	Unpaid interest to July 1, 1915.
Bernhardt, Pearl.....	July 1, 1917	\$40 00	.....
Hiles, Marie .....	July 1, 1915	50 00	\$5 02
Hiles, Mary.....	July 1, 1917	35 00	4 32
Total, Hiles.....		\$ 85 00	\$ 9 34
Hutson, Stella.....	June 14, 1912	100 00	30 28
Hyde, Edith .....	July 1, 1917	50 00	.....
Schadt, Mabel E.....	July 1, 1916	200 00	5 41
Total.....		\$475 00	\$45 03

This report was received for record.

#### PROPOSED COLLEGE OF ARCHITECTURE.

(4) A letter from the American Institute of Architects, addressed to the President and Board of Directors of the University of Illinois, concerning the proper organization of a School of Architecture, urging that Architectural Schools should be governed by an independent faculty. I assume this means that our Architectural Department should be a College of Architecture, instead of a department of the College of Engineering.

This communication was received and placed on file.

#### APPOINTMENT OF MR. ROBERT STEWART.

(5) A recommendation that Dr. Robert Stewart be appointed Associate Professor of Soil Fertility in the College of Agriculture and Associate Chief in Soil Fertility in the Agricultural Experiment Station, at a salary of \$3,000 a year, to begin September 1, 1915. This is to fill the vacancy created by the death of Dr. Pettit. Dr. Stewart is a graduate of the Agricultural College of Utah. He has pursued graduate studies at the University of Chicago and the University of Illinois, having taken the degree of Doctor of Philosophy in Agronomy at the University of Illinois in 1909.

On motion of Mr. Hoit, this appointment was made.

#### APPOINTMENT OF MR. R. E. CUSHMAN.

(6) A recommendation that Mr. Robert E. Cushman be appointed Instructor in Political Science for the academic year beginning September 1, 1915, at a salary of \$1,200 a year. This appointment is made to fill the vacancy caused by the resignation of Prof. Walter F. Dodd. It may be necessary to make another appointment in order to take care of this work satisfactorily.

On motion of Miss Watson, this appointment was made.

#### APPOINTMENT OF DR. R. D. CARMICHAEL.

(7) A recommendation that Dr. Robert D. Carmichael, now Associate Professor of Mathematics at the University of Indiana, be appointed Assistant Professor of Mathematics for a term of three years, beginning September 1, 1915, at a salary of \$2,500 a year.

On motion of Mr. Carr, this appointment was made.

#### APPOINTMENT OF MR. GILBERT GUSLER.

(8) A recommendation that Mr. Gilbert Gusler, now Assistant Professor of Animal Husbandry in Ohio State University, be appointed Associate in Animal Husbandry in the College of Agriculture, beginning September 1, 1915, at a salary of \$1,800 for 10 months' service.

On motion of Mrs. Evans, this appointment was made.

#### LEAVE OF ABSENCE FOR PROF. LLOYD.

(9) A request from Prof. John W. Lloyd, endorsed by Prof. Blair and Dean Davenport, for leave of absence for one year on half pay.

On the recommendation of President James and on motion of Mr. Carr, the President of the University was authorized to grant leave of absence on half pay to Prof. J. W. Lloyd for the year beginning September 1, 1915, provided suitable arrangements can be made for his work.

#### APPOINTMENT OF DR. H. B. LEWIS.

(10) A recommendation that Dr. Howard B. Lewis, now Instructor in Physiological Chemistry in the Medical Department of the University of Pennsylvania, be appointed Associate in Physiological Chemistry for two years, beginning September 1, 1915, at a salary of \$2,200 a year.

On motion of Mr. Hoit, this appointment was made.

**APPOINTMENT OF MR. G. F. WHICHER.**

(11) A recommendation that Mr. George F. Whicher be appointed Instructor in English for the year beginning September 1, 1915, at a salary of \$1,400 a year. On motion of Mr. Carr, this appointment was made.

**APPOINTMENT OF DR. KENNETH MCKENZIE.**

(12) A recommendation that Dr. Kenneth McKenzie of Yale University be appointed Professor of Romance Languages at a salary of \$4,000 a year, work, and salary to begin September 1, 1915; and that he be appointed head of the department until further notice.

On motion of Mr. Carr, this appointment was made.

**CHARGE FOR CHAIRS AT BAND CONCERTS.**

(13) A recommendation from Mr. A. A. Harding, Director of the University Military Bands, approved by Prof. J. L. Erb and Prof. James M. White, that the Director of the Bands be given the use of the University's folding chairs at the twilight concerts given by the band, and that he be permitted to make a charge of ten cents a chair during each concert, the proceeds to be deposited in the band treasury to meet band expenses.

On motion of Mrs. Evans, this recommendation was concurred in.

**APPROPRIATION FOR MISSISSIPPI VALLEY HISTORICAL REVIEW.**

(14) A request from Prof. Clarence W. Alvord of the Department of History, that the University continue for the year 1915-16 the subscription of \$100 in support of the *Mississippi Valley Historical Review*. This periodical is edited by Dr. Alvord. It is a valuable publication, and the location of its editorial department at the University is a distinct advantage to our Department of History and to our students and professors.

On motion of Mr. Carr, the sum of \$100 was appropriated as requested. The vote was as follows: Ayes, President Abbott, Mr. Carr, Mrs. Evans, Mrs. Henrotin, Mr. Hoit, Mr. Ward, Miss Watson; noes, none; absent, Mr. Blair, Mrs. Busey, Mr. Dunne, Mr. Trevett.

**APPOINTMENT OF MR. H. W. PUCKETT.**

(15) A recommendation that the President of the University be given authority to appoint Mr. H. W. Puckett Instructor in German for one year, beginning September 1, 1915, at a salary of \$1,400 a year.

On motion of Mrs. Henrotin, authority to make this appointment was given.

**PORTRAIT OF PROF. I. O. BAKER PRESENTED.**

(16) A letter from Prof. Ira O. Baker concerning the presentation of a portrait of himself to the University:

URBANA, ILL., May 21, 1915.

*Dr. Edmund J. James, President, University of Illinois.*

DEAR PRESIDENT JAMES: Two or three times since my resignation as head of the Department of Civil Engineering was offered, Dean Goss has urged me to have my portrait painted for the University; and therefore a few weeks ago, after the negotiations for my successor were practically completed, I secured Mr. Merton Grenhagen of Chicago to paint my portrait. A short time ago it was completed, and I invited a considerable number of my friends to view it; and it seemed to give satisfaction. I recently sent the picture to the O'Brien Art Galleries, 334 Michigan Avenue, Chicago, to be framed, and I am told that the picture is now framed and awaits my order.

I write to say that I shall be pleased if the University will accept this portrait, and make such disposition of it as seems best. I prefer that there shall be no formalities connected with the matter.

With highest regards I beg to remain,

Yours very respectfully,

IRA O. BAKER.

On motion of Mr. Carr, the President of the University was authorized to accept this portrait on behalf of the University, and to extend to Prof. Baker on behalf of the Trustees their cordial thanks for this valuable gift.

**RESIGNATION OF PROF. L. D. COFFMAN.**

(17) The resignation of Prof. L. D. Coffman, of the Department of Education, to take effect September 1, 1915.

On the recommendation of President James and on motion of Miss Watson, this resignation was accepted.

**BUST OF PROF. EDWARD SNYDER PRESENTED.**

(18) A statement that Mr. Lorado Taft has offered to present to the University of Illinois a bust of Prof. Edward Snyder in marble.

On motion of Mrs. Evans, the President of the University was authorized to accept this gift on behalf of the Trustees, and to express to Mr. Taft their cordial appreciation for this handsome gift.



**CHANGE IN TELEPHONE SYSTEM.**

(19) A letter from Prof. J. M. White concerning a change in equipment of the telephone station, involving an expenditure of \$2,000.

On motion of Mr. Carr, this matter was referred to President Abbott, with power to act. The vote was as follows: Ayes, President Abbott, Mr. Carr, Mrs. Evans, Mrs. Henrotin, Mr. Hoit, Mr. Ward, Miss Watson; noes, none; absent, Mr. Blair, Mrs. Busey, Mr. Dunne, Mr. Trevett.

**TRANSFER OF AGRICULTURAL FUNDS.**

(20) A recommendation from the Dean of the College of Agriculture that \$4,425 be transferred from the State Station soil receipts fund to the appropriations for the Department of Horticulture.

On motion of Mr. Hoit, this recommendation was concurred in, by the following vote: Ayes, President Abbott, Mr. Carr, Mrs. Evans, Mrs. Henrotin, Mr. Hoit, Mr. Ward, Miss Watson; noes, none; absent, Mr. Blair, Mrs. Busey, Mr. Dunne, Mr. Trevett.

**STATUS OF APPROPRIATION BILLS.**

(21) A statement concerning the status of the University appropriation bills in the General Assembly, with a request for instructions in the matter of presenting an itemized bill.

This question was discussed at some length, and it was decided to leave the matter of the form of the appropriation bills to the discretion of the President of the University.

**SEMICENTENNIAL OF THE UNIVERSITY.**

(22) The following statement:

In March, 1918, three years from last March, will occur the fiftieth anniversary of the opening of the University of Illinois. In the same year will occur the hundredth anniversary of the admission of Illinois to the Union.

It is in my opinion highly desirable that the University of Illinois should prepare to celebrate in a worthy way this important anniversary. The institution has grown in these fifty years from a mere project and a mere promise into a great University.

The University owes it to itself and to the People of Illinois to call attention to what the State has done for the institution, and to what the institution has done for the State.

At this time I should like to have the Board of Trustees express its opinion as to whether it is desirable to mark this anniversary by exercises of a fitting kind. If so, I shall ask the Senate to appoint a committee to prepare a general plan for the consideration of the board.

It was the opinion of the board that such a celebration should be held.

**TREASURER'S REPORT.**

Mr. Hoit presented for the Finance Committee reports of Treasurer M. W. Busey for the quarter ending March 31, 1915, and for the month of April, 1915, up to the time of transfer of funds to Treasurer H. S. Capron.

These reports were received for record.

M. W. BUSEY, TREASURER, IN ACCOUNT WITH THE UNIVERSITY OF ILLINOIS,  
MAR. 31, 1915.

*Dr.*

1914			
Jan.	1	Total balance on hand .....	\$200,953 46
		Received for credit of general fund as per January statement .....	\$40,790 59
		Received for credit of general fund as per February statement .....	89,965 22
		Received for credit of general fund as per March statement .....	20,533 95
		Received for credit of Agricultural Experiment Station Fund as per January statement.....	7,616 44
		Received for credit of Agricultural Experiment Station Fund as per March statement .....	9 93
		Received for credit of trust fund as per January statement .....	1,849 27
		Received for credit of trust fund as per February statement .....	2,683 12
		Received for credit of trust fund as per March statement .....	5,778 16
			<hr/>
			169,226 68
			<hr/>
			\$370,180 14

## M. W. BUSEY, TREASURER, IN ACCOUNT WITH THE UNIVERSITY—Continued.

*Cr.*

1915			
Jan. 31	By amount paid out of general fund as per list of warrants .....	\$74,175 21	
	By amount paid out of Agricultural Experiment Station Fund as per list of warrants .....	5,513 87	
	By amounts paid out of trust fund as per list of warrants .....	3,117 14	
			\$82,806 22
Mar. 31	Total balance on hand .....		\$287,373 92
	Respectfully submitted,		

M. W. BUSEY, *Treasurer.*M. W. BUSEY, TREASURER, IN ACCOUNT WITH THE UNIVERSITY OF ILLINOIS,  
APR. 30, 1915.

## RECAPITULATION.

1915			
Apr. 1	Balance on hand .....	\$287,373 92	
	Deposited to various accounts .....	36,009 74	
			\$323,383 66

*Cr.*

1915			
Apr. 30	Paid out on warrants .....	28,551 71	
	Paid out to H. S. Capron on order of Board of Trustees..	294,831 95	
			\$323,383 66

## GENERAL FUND.

*Dr.*

1915			
Apr. 1	Balance .....	\$270,599 31	
1	Deposited by Assistant Comptroller .....	212 22	
1	Deposited by Assistant Comptroller .....	201 42	
2	Deposited by Assistant Comptroller .....	234 26	
3	Deposited by Assistant Comptroller .....	5,197 33	
6	Deposited by Assistant Comptroller .....	71 50	
7	Deposited by Assistant Comptroller .....	113 77	
8	Deposited by Assistant Comptroller .....	2,731 92	
9	Deposited by Assistant Comptroller .....	339 46	
10	Deposited by Assistant Comptroller .....	5,185 93	
10	Deposited by Assistant Comptroller .....	786 05	
13	Deposited by Assistant Comptroller .....	595 36	
14	Deposited by Assistant Comptroller .....	1,315 76	
15	Deposited by Assistant Comptroller .....	121 49	
16	Deposited by Assistant Comptroller .....	131 66	
19	Deposited by Assistant Comptroller .....	255 10	
19	Deposited by Assistant Comptroller .....	314 19	
20	Deposited by Assistant Comptroller .....	43 65	
21	Deposited by Assistant Comptroller .....	136 71	
22	Deposited by Assistant Comptroller .....	272 77	
23	Deposited by Assistant Comptroller .....	3,663 12	
24	Deposited by Assistant Comptroller .....	30 50	
24	Deposited by Assistant Comptroller .....	774 64	
27	Deposited by Assistant Comptroller .....	306 83	
28	Deposited by Assistant Comptroller .....	123 07	
29	Deposited by Assistant Comptroller .....	294 75	
5	Deposited by School of Dentistry .....	1,059 48	
19	Deposited by School of Dentistry .....	715 60	
30	Deposited by School of Dentistry .....	639 15	
5	Deposited by College of Medicine .....	933 21	
19	Deposited by College of Medicine .....	210 75	
30	Deposited by College of Medicine .....	356 80	
8	Deposited by School of Pharmacy .....	45 00	
13	Deposited by School of Pharmacy .....	89 50	
20	Deposited by School of Pharmacy .....	45 00	
23	Deposited by School of Pharmacy .....	55 32	
25	Deposited by School of Pharmacy .....	70 30	
			\$298,272 88

*Cr.*

1915			
Apr. 30	By amount paid out of general fund as per list of warrants attached .....	23,368 14	
	By error corrected: Deposit School Dentistry Mar. 29, listed \$1,490.20, should have been \$1,470.20 .....	20 00	
	By amount paid over to H. S. Capron by order of Board of Trustees .....	274,884 74	
			\$298,272 88
	Total of credits and old balance .....		298,272 88

M. W. BUSEY, TREASURER, IN ACCOUNT WITH THE UNIVERSITY—Concluded.  
AGRICULTURAL EXPERIMENT STATION FUND.

*Dr.*

1915					
Apr.	1	Balance on hand .....		\$5,464	51
	10	Deposited by United States Treasurer .....	\$7,500	00	
	13	Deposited Assistant Comptroller .....	231	07	
				<u>7,731</u>	<u>07</u>
					<u>\$13,195 58</u>

*Cr.*

1915			
Apr. 31	By amount paid out of Agricultural Experiment Station		
	Fund as per list of warrants attached .....	2,587 74	
	Paid over to H. S. Capron on order of Board of Trustees	10,607 84	
		<hr/>	
		\$13,195 58	

## COLLEGE OF MEDICINE FUND.

*Dr.*

1915			
Apr. 1	Balance .....		\$133 75

*Cr.*

Paid over to H. S. Capron on order of Board of Trustees..	133 75
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TRUST FUND.

*Dr.*

[illegible]

Respectfully submitted,

M. W. BUSEY, *Treasurer.*

### AUDIT OF TREASURER'S ACCOUNTS.

On the motion of Mr. Hoit, the Finance Committee was directed to have the usual audit made of the accounts of the retiring Treasurer, Mr. M. W. Busey.

COMMITTEE ON BUILDINGS AND GROUNDS.

Mr. Abbott presented the following report of the meeting of the Committee on Buildings and Grounds held May 19, 1915:

A meeting of the Committee on Buildings and Grounds was held in the Trustees' Room, at the University, in Urbana, on Wednesday, May 19, 1915.

Mr. W. L. Abbott, Mr. R. F. Carr, and Mrs. Laura B. Evans, members of the committee, and Prof. C. R. Richards, Prof. S. W. Parr, Mr. H. D. Oberdorfer, and Mr. G. B. Rice were present.

The committee took up the consideration of the deterioration of the boilers in the University plant, of what action should be taken to prevent further deterioration of the boilers, and of what was necessary in the way of repairs.

The discussion developed the fact that the University is located in a territory in which the deep-well water supply has been found to be very destructive to boilers and in which numerous cases of boiler failure have been recorded. The condition of the University boilers at this time was found to be very serious. Extensive repairs have been made to the boilers in the old boiler house, and it is known that additional repairs to at least one boiler are necessary. The condition of the boilers in the old boiler house is uncertain, but it is feared that an examination will reveal serious defects. In the new boiler house, two 500 horsepower boilers which have been in use only three years are so badly injured that it is not considered advisable to operate them further until extensive repairs are made.

In view of these facts, your committee recommends:

1. That a temporary treatment for the boiler feed water which will prevent further injury to the boilers be made.

2. That plans be prepared at once for permanent equipment for the treatment of the feed water.

3. That an appropriation of \$4,000, or as much thereof as may be necessary, be made to replace the four drums of boilers No. 1 and No. 2 with new drums.

Mr. Oberdorfer presented for the information of the committee a report made by Prof. Edward Bartow, on request of Prof. White (see minutes, March 9, 1915, page 226), concerning a plant for the purification of the University water supply.

Mr. Oberdorfer presented a report of complaints of unsteady lights in the libraries, with a request that a Turrill regulator be purchased at a cost of \$500.

The committee recommends that such a regulator be purchased and installed. Mr. Oberdorfer presented also a request from the Supervising Architect that a sump pump be added to the pumping station at a cost of \$134. The committee recommends that such a pump be installed.

The committee took up the consideration of the request of the Urbana and Champaign Railway, Gas, and Electric Company for permission to run a street-car track along the parking east of the Forestry, on Lincoln Avenue (minutes, April 27, 1915, page 246). Upon inspection of the ground, the committee found that the damage incidental to the construction of the track, and the necessary trimming of the trees, did not threaten to be serious. The committee found no particular objection to the granting of the permission requested.

The committee adjourned.

H. E. CUNNINGHAM, *Clerk.*

#### APPROPRIATION FOR REPAIR OF BOILERS.

On motion of Mr. Carr, the recommendation concerning the repair of boilers was approved and the sum of \$4,000, or so much thereof as may be required, was appropriated for this purpose. The vote was as follows: Ayes, President Abbott, Mr. Carr, Mrs. Evans, Mrs. Henrotin, Mr. Hoit, Mr. Ward, Miss Watson; noes, none; absent, Mr. Blair, Mrs. Busey, Mr. Dunne, Mr. Trevett.

#### PURCHASE OF TIRRILL REGULATOR.

On motion of Mr. Carr, the sum of \$500 was appropriated for the purchase of a Turrill regulator. The vote was as follows: Ayes, President Abbott, Mr. Carr, Mrs. Evans, Mrs. Henrotin, Mr. Hoit, Mr. Ward, Miss Watson; noes, none. absent, Mr. Blair, Mrs. Busey, Mr. Dunne, Mr. Trevett.

#### PURCHASE OF SUMP PUMP.

On motion of Mr. Carr, the sum of \$134 was appropriated for the purchase of a sump pump. The vote was as follows: Ayes, President Abbott, Mr. Carr, Mrs. Evans, Mrs. Henrotin, Mr. Hoit, Mr. Ward, Miss Watson; noes, none; absent, Mr. Blair, Mrs. Busey, Mr. Dunne, Mr. Trevett.

#### STREET CAR LINE ON LINCOLN AVENUE.

The matter of permission to construct a street-car line on Lincoln Avenue was discussed at some length. In this connection President James presented the following letter from Prof. J. M. White, Supervising Architect:

*May 21, 1915.*

*President E. J. James, University of Illinois.*

DEAR SIR: From my point of view there are two objections to the granting of the Urbana-Champaign Railway's request for permission to lay tracks on the west side of Lincoln Avenue, along the University's frontage.

The immediate objection is the damage which would result to the trees on the last block to the south. The low-growing branches would have to be trimmed off for the entire length of the block, which would injure their appearance for three or four years.

The second objection is that the street-car line, as proposed, might very seriously interfere with some desirable future development of the Forestry. The

Forestry has practically served the scientific purposes for which it was planted, and its future use we shall probably be called upon to decide in the near future. It seems to me that it is very undesirable to take any step now which may interfere with a development which may prove to be the best when considered from the standpoint of all other conditions. If permission is given to lay the track on the street, we shall have no control over it, nor shall we have any recourse, if we find it objectionable to the University's interests to have it there.

Under these conditions it seems to me unwise to grant the request.

Yours truly,

JAMES M. WHITE, *Supervising Architect.*

Action on this matter was deferred until a personal conference can be had with Mr. McKinley.

#### APPOINTMENT MADE BY PRESIDENT JAMES.

The Secretary presented for record the following appointment made by President James on May 11, 1915:

Taft, Mary E., University Secretary in the Department of Animal Husbandry, at a salary of sixty-five dollars (\$65) a month, beginning July 1, 1915, and continuing until further notice, subject to the rules of the Civil Service Commission.

The board adjourned.

W. L. ABBOTT, *President.*

H. E. CUNNINGHAM, *Secretary.*

## MEETING OF JUNE 8, 1915.

The quarterly meeting of the Board of Trustees of the University of Illinois was held in the Trustees' Room, at the University, in Urbana, on Tuesday, June 8, 1915, at 10.00 a. m.

There being no quorum, the board adjourned to meet at the University, in Urbana, on Monday, June 14, 1915, at 2.00 p. m.

H. E. CUNNINGHAM, *Secretary*.

W. L. ABBOTT, *President*.

## Meeting of the Executive Committee, June 8, 1915.

A meeting of the Executive Committee of the Board of Trustees of the University of Illinois was held at the University, in Urbana, on Tuesday, June 8, 1915, immediately following the adjournment of the quarterly meeting of the Board of Trustees on the same date.

President Abbott and Mr. Hoyt, members of the Executive Committee, Mrs. Evans, a member of the board, President James, Mr. W. B. Castenholz, Comptroller, Prof. J. M. White, Supervising Architect, and Mr. L. J. Towne, Superintendent of Construction, were present.

### MATTERS PRESENTED BY THE PRESIDENT OF THE UNIVERSITY.

The Executive Committee proceeded to the consideration of the following matters presented by President James:

#### SUMMER CAMP.

##### (1) The following statement:

For some years several departments of the University, including Zoology, Botany, Geology, and Engineering, have had under consideration the question of the possibility of securing a site favorably located for field work in connection with courses of instruction. The Military Commandant has, moreover, urged repeatedly that a site be provided for a summer camp for military instruction.

Some attempts have been made at different times to furnish field instruction in various subjects, notably in Botany and Zoology, at Havana in connection with the Illinois Natural History Survey.

Prof. I. O. Baker presented elaborate reports to the board on March 11, 1913 (Report, 1914, page 196), and on January 22, 1915 (Minutes, page 242), showing the necessity of a summer camp for students in Civil Engineering, calling attention to the fact that other institutions had felt the same need and had provided for it in some instances, notably Harvard, Yale, Columbia, and the Massachusetts Institute of Technology, in a very liberal way. Prof. Baker examined several sites on the eastern shore of Lake Michigan, and made certain recommendations to the board which received careful consideration, but upon which, for various reasons, action was not taken.

I suggested to some of the men interested in this work that a site on the Illinois River, perhaps near the State Park at Starved Rock, might be suitable for our purpose. Prof. Baker made an examination and decided it was possible to find a site in that locality which would serve the purpose of the University. Later, Professors Baker, White, and Richards, and subsequently Prof. Newell, made a further examination of this district, and joined in a recommendation that a summer camp be established somewhere in the region. They have received some encouragement that the people of LaSalle would be interested in helping to realize the project.

On June 3 and 4, I visited the locality and had a conference with several gentlemen, including Mr. F. W. Matthiessen, of Deer Park, Capt. G. P. Blow, President of the Matthiessen & Hegeler Zinz Co., Mr. G. A. Wilson, President of the LaSalle National Bank, and Mr. R. W. Thompson, Executive Secretary of the LaSalle Commercial Association, all of whom were deeply interested in the project.

I walked over the entire region which had been visited by Professors Baker, White, Richards, and Newell, from the west end of the State Park to the mouth of the Big Vermillion River. I found a site which seemed to me very satisfactory, and which would serve all the different purposes in an admirable way.

I recommend that the President of the University be authorized to make the statement that if the people of LaSalle, or other interested persons, will give the

University a satisfactory site and one hundred thousand dollars for the erection of buildings and improvements on the site given, the University will locate a summer school on this site, in which shall be taught certain branches of engineering and such other subjects as circumstances may make feasible or desirable.

On motion of Mr. Hoit, this recommendation was approved.

#### WORK IN MILITARY SCIENCE COMMENDED.

(2) A letter from Maj. General Leonard Wood, ranking officer of the United States Army, relating to the work in Military Science:

June 3, 1915.

*President E. J. James, University of Illinois, Urbana, Ill.*

MY DEAR PRESIDENT JAMES: I wish to express to you my appreciation of the splendid work which is being done under your direction at the University of Illinois in the way of preparing the youth of our country to discharge not only their civil, but also their military obligations. I have never been more interested anywhere than with the work which you are doing and the wisdom and foresight with which expenditures have been made with an eye to the future. If every Land Grant college had proceeded with equal sincerity and loyalty to the spirit of the Endowment Act, with its obligation for military training, we should be far better prepared than we are for national defense in the way of trained men, and our people would have a much fuller conception of their obligations to the State from the soldier standpoint than at present.

I sincerely hope you will continue to receive the support and approval of the State authorities in the future, as you have in the past, and that the great University under your charge will continue to show to the universities of sister states what can be done by well directed effort.

It was an inspiring sight to see the two regiments, and I feel convinced that every man who has had military training will leave the University all the better for it, not only physically but morally and from the standpoint of a better appreciation of the duties of citizenship.

With kindest regards,

Sincerely yours,

LEONARD WOOD.

This letter was received for record.

#### CHANGE IN THE SYSTEM OF ACCOUNTING.

(3) A request from Mr. W. B. Castenholz, Comptroller, for authority to install a system of double-entry accounts in the business office.

Mr. Castenholz was present and supported his request.

On motion of Mr. Hoit, the Comptroller was authorized to install a system of double-entry accounts.

#### AUTHORITY TO CONFER DEGREES.

(4) A request for authority to confer degrees on persons recommended by the several colleges and schools of the University and by the University Senate.\*

This authority was granted.

#### SCHEDULE OF BIDS ON NEW BUILDINGS.

(5) A schedule of bids on the Education Building, the Ceramics Building, and the Vivarium:

\* For list of degrees, see page 303.

## GENERAL CONTRACT BIDS.

Name of contractor.	Main bid.		Ceramics.		School of Education.		Vivarium.	
	A	B	A	B	A	B	A	B
Callahan-Mandl.....	\$233,000 00	\$233,000 00	\$ 87,432 00	\$ 87,432 00	\$110,429 00	\$110,429 00	\$35,719 00	\$35,719 00
C. E. Carson Co.....			99,139 00		108,139 00		33,000 00	
Clarke Construction Co.....	<sup>2</sup> 206,920 00	<sup>2</sup> 216,000 00	<sup>2</sup> 78,400 00	<sup>2</sup> 82,000 00	<sup>2</sup> 99,150 00	<sup>2</sup> 103,000 00	<sup>2</sup> 29,370 00	<sup>2</sup> 31,000 00
Freeman & Brooks.....	219,234 49	230,231 21	84,436 66	88,658 49	104,975 10	110,258 85	29,822 73	31,313 87
Irwin & Leighton.....	224,800 00	229,800 00	92,400 00	94,700 00	104,700 00	106,800 00	33,800 00	35,800 00
S. N. Nielson.....	256,239 00	256,239 00	102,968 00	102,968 00	118,909 00	118,909 00	35,362 00	35,362 00
A. W. Stoolman.....	<sup>1</sup> 203,291 00	<sup>1</sup> 207,292 00	<sup>1</sup> 78,115 00	<sup>1</sup> 79,965 00	<sup>1</sup> 97,686 00	<sup>2</sup> 99,536 00	<sup>1</sup> 28,490 00	<sup>1</sup> 28,790 00
Warner Construction Co.....	219,984 00	225,000 00	86,864 00	89,000 00	105,784 00	108,000 00	29,359 00	29,989 00
English Bros.....	<sup>2</sup> 206,600 00	<sup>2</sup> 210,000 00	<sup>3</sup> 79,600 00	<sup>2</sup> 81,100 00	<sup>2</sup> 98,000 00	<sup>1</sup> 99,500 00	<sup>2</sup> 28,741 00	<sup>2</sup> 29,741 00

Bid A is for completion 8 months after award of contract, for Ceramics Building and School of Education Building and 7 months for Vivarium.

Bid B is for completion 6 months after award of contract, for Ceramics Building and School of Education Building and 5 months for Vivarium.

<sup>1</sup> Low bidder. <sup>2</sup> Second bidder. <sup>3</sup> Third bidder.

## PLUMBING CONTRACT BIDS.

Name of contractor.	Main bid.		Ceramics.		School of Education.		Vivarium.	
	A	B	A	B	A	B	A	B
Murphy Plumbing Co.....	\$12,893 00		\$3,997 00		\$6,269 00		\$2,759 00	
Daily & O'Brien.....	9,610 00		<sup>1</sup> 2,875 00		<sup>1</sup> 4,950 00		2,060 00	
Huffman-Conklin Co.....			<sup>3</sup> 3,184 00		<sup>3</sup> 5,921 00		<sup>2</sup> 1,644 00	
Reliable Plumbing & Heating.....			4,050 00		6,230 00		<sup>1</sup> 1,510 00	
Carson, Payson Co.....			<sup>2</sup> 3,044 00		<sup>2</sup> 5,503 00		<sup>2</sup> 1,559 00	
Haas Electric & Manufacturing Co.....	11,500 00		3,684 00		6,503 00		<sup>3</sup> 1,565 00	

Bid A is for completion 8 months after award of contract, for Ceramics Building and School of Education Building and 7 months for Vivarium.

Bid B is for completion 6 months after award of contract, for Ceramics Building and School of Education Building and 5 months for Vivarium.

<sup>1</sup> Low bidder. <sup>2</sup> Second bidder. <sup>3</sup> Third bidder.



## HEATING CONTRACT BIDS.

Name of contractor.	Main bid.		Ceramics.		School of Education.		Vivarium.	
	A	B	A	B	A	B	A	B
N. Y. Blower Co.....			\$1 8,629 00		<sup>1</sup> \$10,192 00			
W. J. Walsh.....			10,435 00		14,307 00		3,686 00	
Peters Eichler Heating Co.....	\$24,956 00		10,123 00		12,684 00		3,467 00	
Daily & O'Brien.....	35,000 00		11,575 00		21,247 00		<sup>1</sup> 2,850 00	
Huffman-Conklin Co.....			9,647 00					
Reliable Plumbing & Heating.....			<sup>3</sup> 9,025 00		<sup>2</sup> 11,250 00		<sup>3</sup> 3,095 00	
Carson-Payson Co.....			10,000 00		<sup>3</sup> 11,287 00		3,555 00	
Hitchcock Bros. & Co.....	23,500 00		9,279 00		11,469 00		<sup>2</sup> 3,079 00	
A. Klander.....	26,730 00		10,267 00		13,329 00		3,154 00	
C. L. Moore.....	22,874 00	\$23,000 00	<sup>2</sup> 8,744 00	\$8,774 00	11,330 00	\$11,430 00	<sup>1</sup> 2,850 00	\$2,850 00

Bid A is for completion 8 months after award of contract, for Ceramics Building and School of Education Building and 7 months for Vivarium.  
 Bid B is for completion 6 months after award of contract, for Ceramics Building and School of Education Building and 5 months for Vivarium.

<sup>1</sup> Low bidder. <sup>2</sup> Second bidder. <sup>3</sup> Third bidder.

## WIRING CONTRACT BIDS.

Name of contractor.	Main bid.		Ceramics.		School of Education.		Vivarium.	
	A	B	A	B	A	B	A	B
Freeman-Sweet Co.....	\$6,548 00		\$2,800 00		\$2,593 00		\$1,115 00	
Jos. R. Downs.....	<sup>2</sup> 5,182 00		<sup>3</sup> 2,590 00		<sup>2</sup> 1,796 00		<sup>3</sup> 796 00	
Lake City Electric Co.....	<sup>1</sup> 4,696 00		<sup>2</sup> 2,560 00		<sup>1</sup> 1,605 00		<sup>1</sup> 671 00	
J. W. Swartz.....	<sup>3</sup> 5,635 80	\$5,735 80	2,789 56	\$2,845 35	<sup>3</sup> 2,263 81	\$2,309 09	<sup>2</sup> 756 73	\$ 771 86
Vesselhoef Co.....	5,940 00		2,835 00		2,440 00		845 00	
Bussman Electric Co.....	6,400 00		3,550 00		2,500 00		1,250 00	
Marrs Tanner Electric Co.....	5,790 00	5,890 00	<sup>2</sup> 2,100 00	2,150 00	<sup>2</sup> 2,600 00	2,650 00	1,090 00	
The Caldwell Co.....	6,391 00		3,106 00		2,478 00		807 00	
Tri-City Electric Co.....	6,700 00	7,300 00	2,915 00	3,120 00	3,065 00	3,370 00	980 00	1,070 00
Hatfield Electric Co.....			<sup>1</sup> 2,534 00		2,333 00		815 00	
Henry Neugard.....	6,995 00		3,435 00		2,537 00		1,395 00	

Bid A is for completion 8 months after award of contract, for Ceramics Building and School of Education Building and 7 months for Vivarium.

Bid B is for completion 6 months after award of contract, for Ceramics Building and School of Education Building and 5 months for Vivarium.

<sup>1</sup> Low bidder. <sup>2</sup> Second bidder. <sup>3</sup> Third bidder.

\* Bidder allowed to interchange these bids on account of his error in copying same on to bidding form.

## SUPPLEMENTARY BIDS—SCHOOL OF EDUCATION.

Name of contractor.	Marble.		Glazing.		Cut stone.	Water-proofing.	Frames and sash.	
	Natural.	Mosaic.	Sheet glass.	Plate glass.			Wood.	Metal.
Clarke Construction Co.....	\$7,300 00	\$7,600 00	\$1,200 00	\$1,750 00	\$ 8,000 00	\$ 410 00	\$1,200 00	\$6,300 00
Freeman & Brooks.....	8,604 00	4,559 00	1,666 95	2,100 00	9,160 00	900 00	3,877 11	8,032 42
Irwin & Leighton.....	7,000 00	.....	1,600 00	.....	10,500 00	750 00	4,300 00	8,100 00
S. N. Nielson.....	7,342 00	7,422 00	1,762 00	2,472 00	13,200 00	2,238 00	.....	*2,600 00
A. W. Stoolman.....	3,800 00	4,145 00	1,300 00	1,775 00	8,700 00	1,075 00	1,400 00	6,340 00
Warner Construction Co.....	8,365 00	8,465 00	1,950 00	2,950 00	9,325 00	948 00	1,265 00	8,500 00
English Bros.....	6,943 00	4,145 00	1,271 00	2,000 60	10,000 00	1,166 00	2,721 00	7,500 00

\* Add to general contract bid.

## SUPPLEMENTARY BIDS—CERAMICS.

Name of contractor.	Marble.		Glazing.		Water-proofing.	Floor construction.		
	Natural.	Mosaic.	Sheet glass.	Plate glass.		Arch. plans.	*Alternate.	Alternate.
Clarke Construction Co. ....	\$1,500 00	\$1,584 00	\$1,020 00	\$1,650 00	\$ 350 00	\$ 9,054 00	.....	.....
Freeman & Brooks.....	1,941 00	1,742 00	1,640 76	2,303 74	1,689 49	.....	.....	.....
Irwin & Leighton.....	1,250 00	.....	1,200 00	.....	650 00	14,800 00	.....	.....
S. N. Nielson.....	1,941 00	1,584 00	1,325 00	1,975 00	1,600 00	19,000 00	.....	.....
A. W. Stoolman.....	1,200 00	1,584 00	1,400 00	1,815 00	1,125 00	9,833 00	\$ 9,700 00	.....
Warner Construction Co.....	1,520 00	1,720 00	1,457 00	2,357 00	937 00	.....	.....	.....
English Bros.....	1,620 00	1,584 00	1,000 00	1,800 00	1,247 00	11,500 00	12,000 00	.....

\* Attica Concrete Products Co.'s unit construction.

## SUPPLEMENTARY BIDS—VIVARIUM.

Name of contractor.	1.	2.	3.	4.	5.	6.	7.	8.
Callahan-Mandl.....	\$ -749 00	\$ -73 00	\$+1,100 00	\$ -67 00	\$ -390 00	\$+213 00	\$-200 00	\$-400 00
Clarke Construction Co.....	-1,000 00	-500 00	+375 00	-433 00	-330 00	+65 00	-500 00	-270 00
Freeman & Brooks.....	-943 49	-100 00	+1,016 59	+191 25	-484 45	+203 35	-490 00	-146 50
Irwin & Leighton.....	-1,100 00	-550 00	+850 00	+100 00	-400 00	+180 00	-400 00	-350 00
S. N. Nielson.....	-800 00	+700 00	+2,600 00	-400 00	-400 00	+150 00	-310 00	-150 00
English Bros. ....	-900 00	-201 00	+234 00	+61 00	-250 00	+50 00	-300 00	-275 00
Warner Construction Co. ....	-1,000 00	-50 00	+576 00	+174 00	-300 00	+224 00	-300 00	-200 00
A. W. Stoolman.....	-959 00	-235 00	+332 00	+65 00	-303 00	+140 00	-305 00	-243 00

1. Substitute wood roof construction and wood sheathing, for steel roof construction and Pyrobar book tile.
2. Substitute Denison Interlocking Tile for all common brick backing.
3. Substitute Bedford stone for the concrete base above grade on the main building only.
4. Substitute Bedford stone for all concrete and cast cement window sills, copings and pilaster caps.
5. Omit all composition floor and base.
6. Change one inch cement top on reinforced floors to one and one-half inch and install same after plastering is complete.
7. Substitute galvanized Ingot Iron for all exterior copper except flashings and valleys.
8. Omit all panels with tile inserts and substitute therefor face brick in straight bond.

NOTE.—The plus sign indicates an addition to the contract bid. A minus sign indicates a corresponding deduction.

The bids were explained in detail by Prof. J. M. White, Supervising Architect. After full discussion, the Supervising Architect was requested to present recommendations concerning the bids at the next meeting of the board.

#### UNIVERSITY HISTORIAN.

(6) A recommendation that the President of the University be authorized to appoint Mr. Allan Nevins University Historian for the two years beginning July 1, 1915, or as soon thereafter as he may report for duty, at a salary of \$2,600 a year. The intention is that Mr. Nevins, during this time, shall prepare for publication and see through the press a history of the University during the first fifty years of its existence, and shall do such other work of historical kind as may be assigned to him by the President of the University.

This recommendation was approved.

#### REPORT OF ADVISER OF FOREIGN STUDENTS.

(7) A report from Dr. A. R. Seymour, Adviser of Foreign Students:

May 29, 1915.

*President James, Natural History Building.*

DEAR PRESIDENT JAMES: The college year is soon to close and I wish to make you a report of my year's work as Adviser of Foreign Students. The number of foreign students is somewhat larger than last year, and the quality of their work has improved, since they have come better prepared. Improved advisory assistance has been valuable, especially in the College of Agriculture, where a special committee is appointed to assist them. I have given more personal attention than ever before to the many details of the problem of scholarship of the foreign students, and the question of the ready and efficient use of English has received particular attention.

The European war gave rise to difficult financial problems in a number of instances and some foreigners were compelled to withdraw or make special arrangements to obtain money here. For weeks the problem of our Chinese students was a trying one when their country was passing through its crisis in its relations with Japan. Financial troubles threatened them and worry impaired the health of some, since the international negotiations augured ill for them. The Mexicans too have had great difficulty in receiving money from home, and they have been forced to work their way here, or else borrow money from friends. From a financial standpoint it has been a most trying year for foreign students.

The registration of students for the first semester is distributed as follows:

Country.	Total registration.	Finished semester work.	Average grade.
China (including Hawaiian Chinese and U. S. A. Chinese).....	70	60	80.45
Japan .....	18	18	82.85
India .....	13	12	83.43
South Africa .....	5	5	89.29
Germany .....	3	3	88.83
Canada .....	8	7	87.86
Norway .....	2	2	87.79
Philippines .....	2	2	85.63
England .....	4	4	85.35
Turkey .....	4	4	85.35
Russia .....	8	8	84.49
Persia .....	2	2	82.43
Austria .....	2	2	80.23
Sweden .....	2	2	79.38
Bulgaria .....	4	4	75.99
Brazil .....	7	6	74.95
Chile .....	3	2	74.87
Mexico .....	4	4	74.36
Jamaica .....	3	3	71.38
Argentina .....	2	.....	.....
Porto Rico .....	2	1	92.85
Cuba .....	2	1	76.45
Denmark .....	1	1	93.50
Australia .....	1	1	93.41
Hawaii (not Chinese).....	1	1	90.70
Panama .....	1	1	80.62
Italy .....	1	1	66.53

Total ..... 174 ..... 156 (Average) 81.75

The registration for the second semester is:

China (including Ha- waii) . . . . .	60	Turkey . . . . .	4	Sweden . . . . .	2
Japan . . . . .	17	Bulgaria . . . . .	4	Porto Rico . . . . .	2
India . . . . .	14	Germany . . . . .	3	Panama . . . . .	1
Canada . . . . .	8	Persia . . . . .	2	Hawaii . . . . .	1
Brazil . . . . .	7	Philippines . . . . .	2	Australia . . . . .	1
Russia . . . . .	6	Jamaica . . . . .	2	Norway . . . . .	1
South Africa . . . . .	6	Cuba . . . . .	2	Denmark . . . . .	1
England . . . . .	5	Austria . . . . .	2	Italy . . . . .	1

An important part of my work as Adviser is done in conjunction with the Registrar. It has been arranged that all foreign students on entering the Uni-

versity must first see me for an estimate of their entrance credits and to enable me to get in touch with them at once for general assistance in orienting themselves. My estimate of entrance credits, together with the original documents and their translations are sent to the Registrar's office. At times Mr. McConn and I have to consult about cases of unusual difficulty and when proper credentials have not been brought provisional registration may be given until they can be obtained.

Foreign students have many problems here that American students do not have and it is these matters which receive a great deal of my attention. Again much of my work is like that of the Dean of Men and it is more intensive along certain lines. Such efforts aid materially in making the foreigners compare well with our native students physically, morally, and in scholarship.

On matters of discipline I sometimes advise with the Dean of Men. Problems concerning their relations with landladies, business men, and professors are handled in a way to clear up misunderstandings that have arisen and cause greater mutual consideration and respect.

The problem of using English correctly and readily presents some difficulties. If I think that a man's English is not up to a working standard when he enters, he is required to have a private tutor and these tutors report to me regularly on the student's progress. Again if his work in courses shows poor control of English he is required to have a tutor. There has always been considerable difficulty in this matter, but I feel that we are now in a position to handle it better next year. I may ask for a special regulation of the University concerning foreigners who are weak in English, in case my own persuasive powers prove insufficient to induce them to have tutors when recommended. The special section in Rhetoric for many reasons has proved of great assistance to the foreigners and I am recommending to Prof. Scott that we have a second section next year to accommodate all those needing it.

The scholarship report of the first semester given earlier in this report is, I believe, very satisfactory, on taking into consideration the linguistic difficulties of quite a few. The general average of \$1.75 is higher than that of the men in the University as given out by Dean Warnock. The statistics of the foreigners include four women and also the graduate students. Deducting the graduate students it leaves the average practically the same as that of undergraduate men. I expect that this semester's grades will be even better.

It may be of interest to you to know that the scholarship average of the Cosmopolitan Club, which is composed so largely of foreigners, is 84.37. I believe this is higher than that of any Greek letter fraternity, though I do not recall their averages exactly. Of the fifty-six student members of the organization, fifteen have averages in the nineties.

It has been quite difficult to handle some of the delicate personal problems of the foreigners at my present office which I share with another man, and I am delighted at the prospect of having next year an office wholly for the Adviser's work; and it will be particularly helpful to have it near other administration offices. The new office will enable me to handle more easily many matters which I have previously found it wise to deal with elsewhere.

The work of the Adviser requires from four to five hours daily, which of course makes it practically impossible to find any time for research work. However, I feel that it is a kind of service to the University which is well worth while, and it helps to maintain higher university standards.

Trusting that this report may be of interest to you, I remain,

Yours sincerely,

ARTHUR R. SEYMOUR.

This report was received for record.

#### APPROPRIATION FOR CATALOGING.

(8) A request from Librarian P. L. Windsor for the approval of the following budget, involving a total appropriation of \$2,049.96, for temporary summer assistance in the work of cataloging, which has fallen behind. All the appointees but the last one are students:

Hubbard, Marie, Clerk, 2 2/3 months, at \$55 a month.....	\$146 66
Eppinger, J. G., Shelf Assistant, 2 2/3 months, at \$55 a month.....	146 66
Breedis, John, Shelf Assistant, 2 2/3 months, at \$55 a month.....	146 66
Fontaine, E. O., Shelf Assistant, 2 2/3 months, at \$55 a month.....	146 66
Christy, Glen, Shelf Assistant, 2 2/3 months, at \$55 a month.....	146 66
Roberts, Nellie R., Cataloger, 2 2/3 months, at \$70 a month.....	186 66
Abraham, Effie G., Cataloger, 2 months, at \$65 a month.....	130 00
Smith, Dey B., Cataloger, 2 months, at \$65 a month.....	130 00
Weston, Jessie E., Cataloger, 2 months, at \$65 a month.....	130 00
Bishop, Jessie E., Cataloger, 2 months, at \$65 a month.....	130 00
Sankee, Ruth, Cataloger, 2 months, at \$65 a month.....	130 00
Ferguson, Kate D., Cataloger, 2 months, at \$65 a month.....	130 00
Eppinger, Esther A., (C.S.) Catalog Typist, 2 1/2 months, at \$40 a month	100 00
Additional typing and stenographic assistance, by the hour.....	170 00
Additional student assistance, by the hour.....	80 00

On motion of Mr. Hoyt, the above budget was approved.

#### FEES IN THE COLLEGE OF MEDICINE.

(9) A recommendation from Mr. W. H. Browne, Secretary of the College of Medicine, that the following schedule of fees for instruction in the College of Medicine be adopted: Freshman year, \$155; Sophomore year, \$160; Junior year, \$150; Senior year, \$165. The charge for the Senior year includes the diploma fee (\$5), never previously charged.

On motion of Mr. Hoyt, this recommendation was approved.

## NOTICE OF PAVING ASSESSMENT.

(10) A notice from Mr. F. A. Coggeshall, Commissioner, that the University should pay a special assessment to construct a concrete sidewalk along block 6 of the J. S. Wright Addition to the city of Champaign (the site of the Vivarium).

This matter was referred to the Comptroller.

## REQUIREMENTS FOR GRADUATION.

(11) Certain recommendations from the University Senate relating to the courses in Chemistry, Chemical Engineering, and Music:

June 8, 1915.

Dr. Edmund J. James, President.

DEAR MR. PRESIDENT: The University Senate at its meeting of June 7, 1915, voted to make the following recommendations to the Board of Trustees with reference to changes in requirements for graduation:

## CHEMISTRY AND CHEMICAL ENGINEERING.

That the requirements for the degree of Bachelor of Science in Chemistry and Chemical Engineering be restated as follows, with the stipulation that the total number of hours required for graduation in each course shall not exceed the present requirements, namely, 136 hours in the course in Chemistry and 137 hours in the course in Chemical Engineering.

## COURSE IN CHEMISTRY.

FIRST YEAR.			
First Semester.		Second Semester.	
Chem. 1 or 1a.....	S. H. <sup>1</sup> 5 or 3	Chem. 3a—Inorganic and Qualitative	S. H. 6
Math. 2—Algebra.....	3	Math. 6—Analytical Geometry.....	5
Math. 4—Trigonometry.....	2	German or French.....	4
German or French.....	4	Mil. 2.....	1
Rhet. 1.....	3	Mil. 1.....	1
Mil. 1.....	1	P. T. ....	1
P. T. ....	1		
	17		18

SECOND YEAR.			
First Semester.		Second Semester	
Chem. 5a—Quantitative.....	S. H. 5	Chem. 5b—Quantitative and Qualita-	S. H. 5
French or German.....	4	tive.....	5
Rhet. 2.....	3	French or German.....	4
Phys. 1 and 3.....	5	Phys. 1 and 3.....	4
Mil. ....	1	Hist. 2 or 3 or Engl. 20.....	3
		Mil. ....	1
	18		17

## THIRD YEAR.

## I—Prescribed for all Groups.

Chem. 14a—Principles of Organic Chemistry.....	4
Chem. 9a—Organic Synthesis and Analysis.....	2
Chem. 92a—Journal Seminar.....	1
Math. 8a—Calculus*.....	5
	12

## Group Options.

A. General Electives.....	5
B. Electrochemical—Economics 1; or Economics 2, with 3 additional hours other than Chemistry.....	5
C. Industrial—Chemistry 65, 2; Elective, 2.....	4
D. & E. Food and Physiological—Bot. 5 (Bacteriology).....	5

## II—Prescribed for All Groups.

Chem. 14b—Principles of Organic Chemistry.....	2
Chem. 9b—Organic Synthesis and Analysis.....	2
Chem. 31—Principles of Physical Chemistry.....	4
Chem. 33—Physical Chemistry Laboratory.....	2
Chem. 92b—Journal Seminar.....	1
	11

## Group Options.

A. General—Electives.....	5
B. Electrochemical—Math. 9, 3; E. E. 8, 4.....	7
C. Industrial—E. E., 4; Elective 2.....	6
One Inspection Trip.	
D. & E. Food and Physiological—Chem. 15, 5; Elective, 2.....	7

<sup>1</sup> Semester hours.

\* Students electing Option B must register in Mathematics 7.

## FOURTH YEAR.

*I—Prescribed for All Groups.*

Chem. 95 .....	2
Chem. 11—Thesis .....	3
Chem. 9a—Seminar .....	1
	<hr/> 6

*Group Options.*

A. General—Electives .....	11
B. Electrochemical—Chem. 35 (Electrochemistry), 3; Chem. 37 (Exp. Problems in Physical and Electrochemistry), 4; Physics 4a (Electric Measurements), 2; Electives, 2.....	11
C. Industrial—Chem. 35 (Electrochemistry), 3; Chem. 7 (Metallurgy), 3; Chem. 69 (Assaying), 2; Electives, 3.....	11
D. Food and Sanitation—Chem. 5c, 5; Chem. 21, 2; Electives, 3.....	10
E. Physiological—Chem. 15a or Chem. 22, 5; Electives, 5.....	10

*II—Prescribed for All Groups.*

Chem. 11 .....	7
Chem. 93b .....	1
Chem. 6 .....	3
	<hr/> 11

*Group Options.*

A. General—Electives .....	5
B. Electrochemical—Philos. 1, 3; Electives, 2.....	5
C. Industrial—Chem. 61 (Industrial Laboratory), 3; Electives, 3.....	6
One Inspection Trip.....	
D. & E. Food and Physiological—Electives.....	5

## COURSE IN CHEMICAL ENGINEERING.

## FIRST YEAR.

First Semester.	S. H.	Second Semester.	S. H.
Chem. 1a or 1.....	3 or 5	Chem. 3a—Inorganic and Qualitative	6
Math. 2—Algebra .....	3	Math. 6—Analytical Geometry .....	5
Math. 4—Trigonometry .....	2	German .....	4
German .....	4	Mil. 2 .....	1
Mil. 1 .....	1	Mil. 1 .....	1
P. T. ....	1	P. T. ....	1
	<hr/> 16		<hr/> 18

## SECOND YEAR.

First Semester.	S. H.	Second Semester.	S. H.
Math. 8a .....	5	Chem. 5b .....	5
Chem. 5a .....	5	Rhet. 2 .....	3
Phys. 1 & 3 .....	5	T. & A. M. 20 .....	3
Mil. ....	1	Phys. 1 & 3 .....	4
Rhet. 1 .....	3	Mil. ....	1
	<hr/> 19		<hr/> 16

## THIRD YEAR.

First Semester.	S. H.	Second Semester.	S. H.
Chem. 9a .....	2	Chem. 9b .....	2
Chem. 14a .....	4	Chem. 14b .....	2
Chem. 92a .....	1	Chem. 31 .....	4
T. & A. M. 21 .....	2	Chem. 33 .....	2
T. & A. M. 25 .....	4	Chem. 93b .....	1
M. E. 75 .....	1	Elec. E.....	4
M. E. 77 .....	2	Electives outside of the department.....	3
	<hr/> 16		<hr/> 18

## FOURTH YEAR.

First Semester.	S. H.	Second Semester.	S. H.
Chem. 65—Fuel and Gas .....	2	Chem. 6 .....	3
Chem. 7—Metallurgy .....	3	Chem. 61 .....	3
Chem. 69—Assaying .....	2	Chem. 11 .....	6
Chem. 93a .....	1	Chem. 93b .....	1
Chem. 11 .....	3	M. E. 13—Steam Laboratory .....	3
M. E. 1—Boilers, Engines, Etc. ....	3	One inspection trip.....	
Chem. 35—Electrochemistry .....	3		
	<hr/> 17		<hr/> 16

Attention is called to one feature of the new course in chemistry. In the third and fourth years, five "group options" are offered. If a student elects certain of these options, he will be expected to carry as high as 140 hours, but those above 136 would be essentially in the nature of voluntary electives. "The first option, A, is intended for those students who wish to place chief emphasis upon the funda-

mental branches of chemistry as a science and for those students who desire a combination of subjects not outlined in the other four groups. \* \* \*. At least 12 hours of the electives under Option A must be in chemistry. In all the groups except B, 10 hours of the electives must be taken outside of the department and must include a course in economics. The groups are: A, general; B, electro-chemical; C, industrial; D, food and sanitation; E, physiological."

Also, that the following new language requirement be approved for the course in chemistry: Preliminary preparation in German or French equivalent to two years of high-school work, or one year of university work. The total language requirement for graduation, including courses offered for entrance, would thus be the equivalent of two years of university German and one year of university French.

#### MUSIC.

That the wording of the requirements for graduation in music should read, "Candidates for the degree of Bachelor of Music must offer credit for 130 semester hours, including the prescribed subjects named below, together with a satisfactory public recital in the major subject, during the second semester of the senior year, and an acceptable thesis on a topic related to music." Further, that the minor subject be carried at least two years, and in any event the work of the freshman year be completed in the minor subject.

Very respectfully yours,

C. M. McCONN, *Clerk of the Senate.*

On motion of Mr. Hoit, the recommendations of the University Senate were approved.

#### APPOINTMENT OF DR. R. W. ROGERS.

(12) A recommendation that the President of the University be given authority to appoint Dr. Robert William Rogers Professor of History at a salary of \$5,000 a year, beginning September 1, 1915. It is proposed to assign to Prof. Rogers the field of the history of the near East, including Egypt, Palestine, Assyria, Babylonia, Asia Minor, and in general the history of the eastern end of the Mediterranean basin previous to the rise of Greece. Dr. Rogers will be expected also to give such courses in Semitics as the requirements of his work in history will permit. He will for the present be made head of the Department of Semitics, to do such work in this field as may be assigned to him by the President of the University.

On motion of Mr. Hoit, this recommendation was approved.

#### APPOINTMENTS MADE BY THE PRESIDENT OF THE UNIVERSITY.

The Secretary of the board presented for record the following list of appointments made by President James:

Kramer, Morris, Technician in Gross Anatomy in the College of Medicine, at a salary of fifty-five dollars (\$55) a month, beginning May 1, 1915, and continuing until further notice. (May 7, 1915.)\*

Krudwig, Edna, Technician in Pathology in the College of Medicine, at a salary of forty dollars (\$40) a month, for the months of June and July, 1915. (May 29, 1915.)

The Executive Committee adjourned.

W. L. ABBOTT, *Chairman.*

H. E. CUNNINGHAM, *Clerk.*

### Adjourned Session, June 14, 1915.

Pursuant to the adjournment taken at the session of June 8, 1915, the Board of Trustees of the University of Illinois convened at the University, in Urbana, on Monday, June 14, 1915, at 2.00 p. m.

The following members were present: Mr. Carr, Mrs. Evans, Mr. Hoit, Mr. Ward.

President James and Prof. James M. White, Supervising Architect, were also present.

There being no quorum, the board adjourned to meet at the University at 9.00 a. m., on Tuesday, June 15, 1915.

W. L. ABBOTT, *President.*

H. E. CUNNINGHAM, *Secretary.*

### Meeting of the Executive Committee, June 14, 1915.

A meeting of the Executive Committee of the Board of Trustees of the University of Illinois was held at the University, in Urbana, on Monday, June 14, 1915, immediately following the adjournment of the meeting of the board on the same day.

\* The date in parenthesis is the date on which the appointment was made by the President of the University.



There were present Mr. Carr and Mr. Hoit, members of the Executive Committee, Mrs. Evans, and Mr. Ward, members of the board, President James, and Prof. J. M. White, Supervising Architect.

Mr. Fred L. Hatch, a former member of the board and of the Executive Committee, sat with the committee during the afternoon.

On motion of Mr. Carr, Mr. Hoit was elected chairman of the meeting.

#### **MATTERS PRESENTED BY THE PRESIDENT OF THE UNIVERSITY.**

President James presented the following matters for consideration:

##### **AUTHORITY TO MAKE APPOINTMENTS.**

- (1) A request for authority to make the following new appointments:

##### **APPOINTMENT OF DR. W. F. GEPHART.**

(a) Dr. William F. Gephart, of Washington University, Professor of Insurance, to be appointed Dean of the College of Commerce and Administration for one year from September 1, 1915, at a salary of \$4,000 a year.

##### **APPOINTMENT OF DR. W. L. BURLISON.**

(b) Dr. W. L. Burlison, Associate Professor of Crop Production in the College of Agriculture and Associate Chief in Crop Production in the Agricultural Experiment Station, for three years beginning September 1, 1915, at a salary of \$2,800 a year.

##### **APPOINTMENT OF MR. F. A. WYATT.**

(c) Mr. F. A. Wyatt, Assistant in Soil Fertility in the College of Agriculture and the Agricultural Experiment Station, for one year beginning September 1, 1915, at a salary of \$1,200 a year.

##### **APPOINTMENT OF MR. G. E. FORBES.**

(d) Mr. G. E. Forbes, Instructor in Art and Design, for ten months beginning September 1, 1915, at a salary of \$1,500.

##### **APPOINTMENT OF MR. E. F. KOHMANN.**

(e) Mr. E. F. Kohmann, Dairy Chemist with the rank of Associate in the Department of Dairy Husbandry of the Agricultural Experiment Station, at a salary of \$2,000 a year for two years beginning August 1, 1915, or as soon thereafter as he may report for duty.

On motion of Mr. Carr, these appointments were authorized.

##### **COMMITTEE ON DISCIPLINE IN SUMMER SESSION.**

- (2) A request for authority to appoint a committee to represent the Council of Administration during the summer session and to act under the authority given to the Council by the rules of the board.

On motion of Mr. Carr, authority to appoint such a committee was granted.

##### **CONTRACTS FOR NEW BUILDINGS.**

- (3) The matter of bids on the construction of the Education, Ceramics, and Vivarium Buildings.

This matter was discussed at some length, but action was deferred until a meeting of the board could be held.

The Executive Committee adjourned.

O. W. HOIT, *Chairman of the Meeting.*

H. E. CUNNINGHAM, *Clerk.*

#### **Adjourned Session of June 15, 1915.**

When the board convened at 9.00 a. m., on Tuesday, June 15, 1915, pursuant to the adjournment taken on Monday, June 14, 1915, the following members were present: President Abbott, Mr. Blair, Mr. Carr, Mrs. Evans, Mr. Hoit, Mr. Ward, and Miss Watson.

President James and Prof. J. M. White were present.

#### **MATTERS PRESENTED BY THE PRESIDENT OF THE UNIVERSITY.**

The regular order of business was set aside and the board proceeded to the consideration of the following matters presented by President James:

##### **COMPLETION OF DRIVEWAY PAVEMENT.**

- (1) A letter from Prof. J. M. White, Supervising Architect, recommending the appropriation of \$1,800 to complete the paving of the driveway between Engineering Hall and the Physics Building:

June 14, 1915.

*President James, University of Illinois.*

DEAR SIR: I desire to recommend the completion of the pavement on the driveway between the Engineering Hall and Physics Building. Our pavement now stops just south of the bridge. I desire to continue the same type of pavement north to the street car tracks, and to continue a 10-foot brick drive from there to Springfield Avenue. The cost of this pavement will be \$1,800. We have a balance of \$1,050 in our pavement and walks appropriation for this biennium which is available for the purpose. I desire the authorization of the work and the appropriation of the additional sum of \$750.

Yours truly,

JAMES M. WHITE, *Supervising Architect.*

On motion of Mr. Carr, this recommendation was approved and the appropriation made, by the following vote: Ayes, Mr. Abbott, Mr. Blair, Mr. Carr, Mrs. Evans, Mr. Hoit, Mr. Ward, Miss Watson; noes, none; absent, Mrs. Busey, Mr. Dunne, Mrs. Henrotin, Mr. Trevett.

#### APPROPRIATION FOR Y. M. C. A. HANDBOOK.

(2) A request from the General Secretary of the Young Men's Christian Association for the usual grant in aid of the publication of the Students' Handbook issued by the University Young Men's and Young Women's Christian Associations.

It is proposed to issue this handbook in an edition of 4,500 copies, one being sent to each student who indicates a desire to enter the University and to each student who asks for it after the opening of the year.

On motion of Mr. Ward, the sum of \$300 was appropriated toward the expense of publishing the Students' Handbook. The vote was as follows: Ayes, Mr. Abbott, Mr. Blair, Mr. Carr, Mrs. Evans, Mr. Hoit, Mr. Ward, Miss Watson; noes, none; absent, Mrs. Busey, Mr. Dunne, Mrs. Henrotin, Mr. Trevett.

#### COMPLETION OF NATURAL HISTORY AND TRANSPORTATION BUILDINGS.

(3) A recommendation that the Supervising Architect be directed to proceed as rapidly as possible with the preparation of plans for the completion of the Natural History and Transportation Buildings.

On motion of Mr. Carr, this recommendation was approved.

#### PLANS FOR NEW LIBRARY BUILDING.

(4) A recommendation that the Supervising Architect be directed to proceed with the preparation of preliminary plans for the new Library Building, to be located on the land at the south end of Wright Street, the building to have its north and south axis on the center line of Wright Street prolonged and its east and west axis on the prolongation of the east and west axis of the Armory, as approved by the board on March 10, 1914 [Report, 1914, page 725].

On motion of Mrs. Evans this recommendation was approved.

#### BIDS ON NEW BUILDINGS.

The matter of bids on the Education, Ceramics, and Vivarium Buildings, which had been considered previously on June 8 and 14, was brought up again.

President James presented the following letter from the Supervising Architect, Prof. J. M. White, and called attention to the fact that the approval of these recommendations would simply give authority to proceed with the erection and equipment of these buildings at a cost not to exceed the sums indicated, but that, as it would take some time to complete the buildings, all the money would not be tied up, but the necessary portions would be supplied from time to time from the general funds of the University.

June 14, 1915.

*President James, University of Illinois.*

DEAR SIR: Page "1" of the accompanying schedules shows the estimated cost of completing the School of Education, Ceramics, and Vivarium Buildings. I recommend that appropriations be made at this time covering the estimated expenditures involved in completing the buildings, and also that the specific contracts be awarded for the School of Education Building as shown on Page "2," for the Ceramics Building as shown on Page "3," and for the Vivarium Building as shown on Page "4."

It is desirable that these buildings be ready for occupancy for the second half of the coming school year, and I therefore believe that we are fully justified in providing the bonus and penalty clause in the contracts, which if the entire possible bonus is earned, will increase the cost of the buildings by \$3,650, which is about 1 7/10 per cent of the contract price.

Yours truly,

JAMES M. WHITE, *Supervising Architect.*

## PAGE 1, SUPERVISING ARCHITECT'S ESTIMATES.\*

<b>Education Building—</b>		
1. Architectural services .....	\$ 5,000 00	
2. Building construction, including contracts scheduled herewith .....	122,000 00	
3. Mechanical equipment, including fire protection, telephones, clocks, switchboards and motors....	1,000 00	
4. Furniture, fixtures, and apparatus.....	14,000 00	
5. Grounds .....	500 00	
Total .....		\$142,500 00
<b>Ceramics Building—</b>		
1. Architectural services .....	\$ 5,000 00	
2. Building construction, including contracts scheduled herewith .....	109,000 00	
3. Mechanical equipment, including elevator, fire protection, switchboards, motors, etc.....	5,000 00	
4. Furniture, fixtures .....	8,800 00	
5. Grounds .....	200 00	
Total .....		128,000 00
<b>Vivarium—</b>		
1. Architectural services .....	\$ 2,500 00	
2. Building construction, including contracts scheduled herewith .....	34,500 00	
3. Mechanical equipment .....	200 00	
4. Furniture, fixtures, and apparatus, including experimental plumbing and wiring.....	24,000 00	
5. Grounds, including ponds, grading, fences and walks .....	3,800 00	
2a. Greenhouses .....	5,000 00	
Total .....		70,000 00
Grand total .....		\$340,500 00

## PAGE 2, SUPERVISING ARCHITECT'S RECOMMENDATIONS.

## EDUCATION BUILDING.

General contract to English Brothers, Champaign, Ill., as follows:		
Bid "A" .....	\$98,000 00	
Add for plate glass.....	729 00	
Add for metal windows.....	4,779 00	
Total .....	\$103,508 00	
For eight months' completion, the contract to carry a bonus and penalty clause of \$25 per day with a maximum bonus or penalty of \$1,500, giving a maximum contract for approximately six months' completion of .....		
		\$105,008 00
NOTE.—This maximum bonus is the difference between this contractor's bid "A" and bid "B."		
Heating contract to New York Blower Company, Chicago, Ill.....	10,192 00	
Wiring contract to J. R. Downs, Peoria, Ill.....	1,796 00	
Plumbing contract to Daily & O'Brien, Peoria, Ill.....	4,950 00	
Total of contracts.....		\$121,946 00
A. W. Stoolman's bid on the same basis is \$104,951, which is \$57 less than English Brothers, who were, however, low, without considering the alternates.		

## PAGE 3, SUPERVISING ARCHITECT'S RECOMMENDATIONS.

## CERAMICS BUILDING.

General contract to A. W. Stoolman, Champaign, Ill., as follows:		
Bid "A" .....	\$78,115 00	
Add for plate glass.....	415 00	
Total .....	\$78,530 00	
For eight months' completion, the contract to carry a bonus and penalty clause of \$30 per day with a maximum bonus or penalty of \$1,800, giving a maximum contract for approximately six months' completion of .....		
		\$80,330 00
NOTE.—This maximum bonus is the difference between this contractor's bid "A" and bid "B."		
Heating contract to New York Blower Company, Chicago, Ill.....	8,629 00	
Plumbing contract to Daily & O'Brien, Peoria, Ill.....	2,875 00	
Wiring contract to Hatfield Electric Company, Indianapolis, Ind....	2,534 00	
Total of contracts.....		\$94,368 00

\* See also schedules of bids, pages 289 to 292.

Authorization requested for later award of contracts for the following items not to exceed the amounts stated:

Tile roof .....	\$ 1,850 00	
Terra Cotta work .....	10,000 00	
Interior face brick and floor tile.....	2,500 00	
Total .....		\$14,350 00
Grand total .....		\$108,718 00

#### PAGE 4, SUPERVISING ARCHITECT'S RECOMMENDATIONS.

##### VIVARIUM.

General contract to A. W. Stoolman, Champaign, Ill., as follows:

Bid "B" .....	\$28,790 00	
Deduct for interlocking tile.....	235 00	
	\$28,555 00	
Add for stone base, etc.....	397 00	
Total .....		\$28,952 00
For five months' completion, the contract to carry a bonus and penalty clause of \$10 per day with a maximum bonus or penalty of \$300, giving a maximum contract for approximately four months' completion of .....		\$29,252 00
Heating contract to Daily & O'Brien, Peoria, Ill., or C. L. Moore, Moline, Ill. ....		2,850 00
Wiring contract to Lake City Electric Co., Chicago, Ill. ....		671 00
Plumbing contract to Reliable Plumbing & Heating Co., Champaign, Ill. ....		1,510 00
Total contracts .....		\$34,368 73
Authorization requested for later award of the following contracts not to exceed the amounts stated:		
Greenhouses .....	\$5,000 00	
Experimental plumbing .....	5,000 00	
Experimental wiring .....	500 00	
Total .....		10,500 00
Grand total .....		\$44,868 73

After discussing this matter at some length, the board took a recess until 2.30 p. m.

#### Afternoon Session, June 15, 1915.

When the board convened after the recess, the following members were present: President Abbott, Mr. Carr, Mrs. Evans, Mr. Hoit, Mr. Ward, Miss Watson.

President James, Prof. J. M. White, Supervising Architect, and Prof. W. C. Bagley, Director of the School of Education, were present.

##### BIDS ON NEW BUILDINGS.

The board resumed the consideration of the bids on the Education, Ceramics, and Vivarium Buildings.

##### PLANS FOR EDUCATION BUILDING REJECTED.

On motion of Mr. Hoit, the matter of the approval of the design of the Education Building [Minutes, July 11, 1914, page 4] was reconsidered.

Professors Bagley and White were heard in the connection.

The action for the approval of the plans for the Education Building in the collegiate gothic style of architecture was lost.

On motion of Mr. Hoit, the Supervising Architect was directed to prepare new plans for the Education Building.

On motion of Mr. Ward, all bids on the Education Building and all combined bids on the three buildings were rejected.

##### APPROVAL OF MINUTES.

The Secretary presented for approval the minutes of the meeting of May 22, 1915, which, on motion of Mrs. Evans, were approved as printed above on pages 272 to 286, inclusive.

The board adjourned until 4 p. m. on Wednesday, June 16, 1915.

W. L. ABBOTT, *President*.

H. E. CUNNINGHAM, *Secretary*.

### **Meeting of the Executive Committee, June 15, 1915.**

A meeting of the Executive Committee of the Board of Trustees of the University of Illinois was held at the University, in Urbana, on Tuesday, June 15, 1915, immediately following the adjournment of the meeting of the board on the same date.

All the members of the Executive Committee, namely, Mr. Abbott, Mr. Carr, and Mr. Hoit, were present; also Mrs. Evans, Mr. Ward, and Miss Watson, members of the board.

President James and Prof. J. M. White were present.

#### **BIDS ON NEW BUILDINGS.**

The Executive Committee took up the discussion of the bids on the Ceramics and Vivarium Buildings.

##### **CERAMICS BUILDING.**

On motion of Mr. Hoit the recommendation of Prof. White was concurred in and the bid of Mr. A. W. Stoolman, the low bidder, was accepted and the general contract was awarded to Mr. Stoolman for \$78,530; the contract to provide for a bonus or penalty of \$30 a day for completion before or delay beyond the term of 8 months, with a maximum bonus or penalty of \$1,800.

##### **HEATING, PLUMBING, AND WIRING, CERAMICS BUILDING.**

On motion of Mr. Hoit, the contracts for heating, plumbing, and wiring for the Ceramics Building were awarded to the low bidders in each case, as follows: Heating contract, New York Blower Company, \$8,629; plumbing, Daily & O'Brien, \$2,875; wiring, Hatfield Electric Company, \$2,534.

##### **TILE ROOF, TERRA COTTA, FACE BRICK, ETC.**

On motion of Mr. Hoit, the Supervising Architect was authorized to place contracts for tile roof, terra cotta, face brick, mechanical equipment, furniture, etc., for the Ceramics Building within the amounts contained in the schedule on page 3 of the Supervising Architect's recommendations.

##### **GENERAL APPROPRIATION, CERAMICS BUILDING.**

On motion of Mr. Carr, the sum of one hundred twenty-eight thousand dollars (\$128,000) was appropriated for the construction and equipment of the Ceramics Building.

##### **VIVARIUM BUILDING.**

On motion of Mr. Carr, the recommendation of the Supervising Architect was concurred in and the general contract for the Vivarium Building was awarded to Mr. A. W. Stoolman, the low bidder, on the basis of completion in five months, for \$28,952; the contract to contain a clause providing a bonus or penalty of \$10 a day with a maximum of \$300.

##### **HEATING, PLUMBING, AND WIRING, VIVARIUM.**

On motion of Mr. Hoit, the contracts for heating, plumbing, and wiring for the Vivarium Building were awarded to the low bidders in each case, as follows: Heating, Daily & O'Brien, \$2,850; plumbing, Reliable Plumbing and Heating Co., \$1,510; wiring, Lake City Electric Company, \$671.

##### **GREENHOUSES AND EXPERIMENTAL EQUIPMENT, VIVARIUM.**

On motion of Mr. Carr, the Supervising Architect was authorized to award contracts for greenhouses, experimental wiring, and experimental plumbing for the Vivarium within the amounts provided in the schedule on page 4 of the Supervising Architect's recommendations.

##### **GENERAL APPROPRIATION, VIVARIUM.**

On motion of Mr. Hoit, the sum of seventy thousand dollars (\$70,000) was appropriated for the completion and equipment of the buildings and grounds of the Vivarium.

The Executive Committee adjourned.

W. L. ABBOTT, *Chairman.*

H. E. CUNNINGHAM, *Clerk.*

## Adjourned Session, June 16, 1915.

When the board convened at 4.00 p. m. on Wednesday, June 16, 1915, pursuant to the adjournment taken on the preceding day, the following members were present: President Abbott, Mr. Carr, Mrs. Evans, Mr. Hoyt, Mr. Ward, Miss Watson.

### LIST OF DEGREES CONFERRED.

The Secretary presented for record the following list of degrees conferred at the Forty-fourth Annual Commencement:

#### SUMMARY OF DEGREES.

<i>Degree in the Graduate School—</i>		
A.M. ....	69	M. Arch. .... 1
M.S. ....	48	Ph. D. .... 23
C.E. ....	3	
E.E. ....	3	Total ..... 148
M.E. ....	1	
<i>Baccalaureate Degrees—</i>		
A.B., College of Liberal Arts and Sciences .....	253	B.S., College of Engineering .... 195
B.L., College of Liberal Arts and Sciences* .....	2	B.S., College of Agriculture .... 136
B.S., College of Liberal Arts and Sciences .....	35	B. Mus., School of Music ..... 10
		Total ..... 631
<i>Degrees in Law—</i>		
L.L.B. ....		19
J.D. ....		2
Total .....		21
<i>Degrees in Library Science—B.L.S. ....</i>		
		14
Total, colleges and schools in Urbana .....		
		814
<i>Degrees in Medicine—</i>		
B.S. ....		4
M.D. ....		102
Total .....		106
<i>Degrees in Dentistry—D.D.S. ....</i>		
		19
<i>Degrees in Pharmacy—</i>		
Ph.G. ....		40
Ph.C. ....		4
Total .....		44
Total, departments in Chicago .....		
		169
Total, all departments .....		
		983

#### LIST OF DEGREES.

##### COLLEGE OF LIBERAL ARTS AND SCIENCES.

##### THE DEGREE OF BACHELOR OF ARTS IN LIBERAL ARTS.

##### *In General Courses.*

##### (With Thesis.)

Pembroke Holcomb	Alta Green.	Earle Underwood Rugg.
Brown.	Gertrude Halushka.	James Dale Thom.
Mildred Leann Coburn.	Walter Wilson Jennings.	Ray Orion Wyland.
Elizabeth Genevieve Fuller.	Hadden Spurgeon Kirk.	

##### (Without Thesis.)

Mary Olena Adams.	Elmer Allen Claar.	Stella Belle Finney.
Otho William Allen.	Helen Beulah Clarke.	Abigail Eliza Fisher.
Dorothy Maude Arming-ton.	Beatrice Virginia Copley.	Everett Orren Fontaine.
Charles Pruden Barkman.	Eula Ethlyn Cordell.	Wiley Marion Fowler.
Nelle Barnes.	Lucretia Cressey.	Arthur Owen Frazier.
Edna Barringer.	Margaret Lucile Dauber-man.	Hazel Mary Frye.
John Percival Beall.	Anna Elizabeth Daugh-erty.	John Low Gardiner.
Martha Selma Beck.	Helen Mamie Dawson.	Leslie Godfrey George.
Mary Aurelia Bell.	Elizabeth Moore Dunn.	Eleanor Godfrey.
Harriet Josephine Berninger.	Edith Edgar.	Irma Gretchen Goebel.
Clara Marie Eliza Borgelt.	Mildred Roach Elder.	Elizabeth Ellen Graham.
Hazel W. Bowlus.	Jeanette Morrison Engle.	Mildred Elizabeth Griffith.
Elizabeth Maude Brooks	Philip Hiram Everhart.	Lillian Irene Guffin.
Lora Alice Canaday.	Orena Farmer.	Marguerite Mary Hanford.
Mary Vance Carney.	Florence Fehrman.	Naoma R. Hartford.
		Edith Mary Heath.
		Lillie Isabelle Helgeland.

\* Conferred on former students; see page 305.

Mary Anne Henry.  
Clara Lillie Hirtzel.  
Katherine Hitt.  
Nai Ching Ho.  
Anna Cathryn Hoffer.  
Charles Dean Howk.  
Marie Esda Hubbard.  
Stanley Pfeffer Irwin.  
Mabel Clare Jackson.  
William Bancroft Jarvis,  
Jr.  
Ruth Amanda Kaar.  
Guy Wilford Karraker.  
Francis Ford Keen.  
Florence Keller.  
Carrie Adelaide Kromer.  
Grace Etheridge La Frenz.  
Mary Maria Lawson.  
Bradley Cleaver Lawton.  
Gladys Adeline Leonard.  
Ida Hubbard Lindley.  
Hilah Jane Link.  
Fern Marguerite Loing.  
Edna Belle McKee.  
Mary Cecilia McNally.

Clarence Joseph Ander-  
son.  
Yun Tin Cheng.  
Thomas Wilbur Dieck-  
mann.

Phillips F. Armour.  
Somendra Chandra Deb  
Barman.  
Vera Beyer.  
Harry Edward Bigler.  
Frank Avery Bush.  
Ralph Dwyer Clinton  
Chapman.  
Daniel Franklin Com-  
stock.  
Chester McElfresh Crain.  
Harold Lane Cummings.

Laura Anna Alband.  
Della Estelle Armstrong.  
Pearl Anna Maria Bern-  
hardt.  
Fannie Maria Brooks.  
Katherine Margaret  
Buenger.  
Byrdie Blye Butzer.  
Verna Viola Butzer.  
Alice Carter.  
Mary Elizabeth Collom.  
Alice Margaret Dietzer.  
Vera Ople Gossett.  
Eulalie Green.

Nellie Frances McVey.  
Margaret Ann Marbold.  
Ruth Keefer Mathews.  
Edna Varner Millizen.  
Edward Henry Morrissey.  
Milton Nels Nelson.  
Emilie Marie Noack.  
Arthur Allen Odell.  
Irene Balfour Olin.  
Wilbur Otis Pendarvis.  
Marion Louise Percival.  
Ernest Howard Pool.  
Emma Stine Pursley.  
John Holly Rapp.  
Mollie Reid.  
Guy Benjamin Reno.  
Julia Elizabeth Renner.  
Nannie Baxter Rives.  
Ruth Robbins.  
Eugenia Elizabeth  
Rutherford.  
Marie Savage.  
Helen Katherine Schoep-  
perle.  
Edith Carolyn Schroeder.

*In Business Courses.*  
(With Thesis.)

Donald De Vere Foster.  
Wesley Barton Golden.  
Walter Herman Jacobsen.  
George Burr McMullen.  
George Hyde Pike.

(Without Thesis.)

Oscar Casper Detering.  
Essel Ray Dillavou.  
Edward Charles Elles.  
Walter Boynton Erwin.  
Clare Curtiss Gamble.  
Perry Henry Graves.  
James Burr Hickman.  
Milton Owen Jensen.  
Jook Hing Jue.  
John Hamilton Morse.  
Frederick William Postel.  
George Kerns Richmond.

*In Household Science.*  
(Without Thesis.)

Edith Gwinn.  
Agnes Virginia Hitt.  
Florence Ruby Johnston.  
Marjorie Marie June.  
Irma Ada Latzer.  
Gertrude Emma Leh-  
mann.  
Grace Linder.  
Carrie Lucile McColley.  
Ora Lucile Miller.  
Agnes Mabel Milne.  
Gladys Ione Moss.  
Rachel Flossie Myers.  
Margaret Campbell Perry.

Mildred Scroggin.  
Katherine Seaman.  
Nathan Cook Seidenberg.  
Charles Wheeler Shook.  
Gladys Mae Smith.  
Rafael Arcangel Soto,  
B.S., 1912.  
Gerald Darfield Stopp.  
Frank Sewall Stroheker.  
Mary Ethel Swick.  
Estella Lenore Thurston.  
Ethel Todd.  
Mary Luella Trowbridge.  
Anne Marie Turlay.  
Frank Emil Walser.  
Mamie Lawrence Ward.  
Jane Coulson Watson.  
Helen Waller Webber.  
Vera Gretchen Wessels.  
Benjamin Wham.  
Hortense Elaine Wickard.  
Viola Esther Wolfe.  
Mabel Clara Womacks.  
Harry Thomas Wood.

Max Rukin.  
Beulah Elizabeth Selsam.  
Turrill Dean Shonts.  
Vernon Thompson  
Stevens.

Hymen Schetnitz.  
Philip George Schiess-  
wohl.  
Herbert August Stein-  
meyer.  
Russell Claude Swope.  
Harold Arthur Talbert.  
Glenn Poland Vaughan.  
Alexander Wagner.  
Dorothy Keziah Walkerly.  
Elon Gilbert Wilkinson.  
Charles Prior Winters.

Ada Roberta Pugh.  
Gratia Jewett Reed.  
Lenore Richards.  
Dorothy Sue Rinaker.  
Frances Marie Rutenber.  
Marjorie Sutcliffe.  
Edith Ann Swank.  
Fleta Thompson.  
Clara Louise Thorndike.  
Eva Sarah Wellepp.  
Marjorie Cecilia Welsh.  
Laura May Wille.  
Lenora Mary Worcester.  
Ruth Elizabeth Young.

THE DEGREE OF BACHELOR OF ARTS IN SCIENCE.

*In General Science.*

(With Thesis.)

Lillian Dora Dole.  
Henry Charles Eckstein.  
Frank A. Hoerner.

Amelia Lucinda Kellogg.  
Harry Bruce McClugage.  
Edwin Whitaker Mattoon.

(Without Thesis.)

Alice Grace Axelson.  
Robert Olney Barnes.  
Arthur Jacob Benner.  
William Jacob Benner.  
William Harrison Ben-  
nett.  
Leslie Orville Bright.  
Waldo Reinhart Brown.  
Carl William Buckler.  
Daniel Bernard Carroll.  
Charles Blake Cochran.  
Helen Lucile Crawford.

Ira Wilbur Dingledine.  
Justin Aloysius Domas.  
Ruth Ernest.  
Fay Edward Faulkner.  
Lois Myrtle Harris.  
Luther Eugene Kennedy.  
Wayne Isaac Kirby, B.S.,  
1914.  
Harry Weber McCulloch.  
Sarah Ann Marks.  
Margaret Mildred Mehl-  
hop.

Forrest Hamilton Mur-  
ray.  
Roe Niver.

Florence Edith Neville.  
Anna Margaret Olsen.  
Wilma Gay Parks.  
Willard Cole Rappleye.  
Edna Kerr Rentchler.  
Ernest Wilford Seyster.  
Selden Lewis Stebbins.  
William John Steimb-  
der.  
Henry Sylvester Stice.  
Robert Ambrose Strong.  
Francis Thompson.

*In Medicine.*

(Without Thesis.)

Alexis Matthew Bagusin.  
Waldo Emerson Golden.

George William Hann.

Noel Carlyle Ice.

## THE DEGREE OF BACHELOR OF SCIENCE.

*In General Science.*

(Without Thesis.)

William Raymond Gerton.

Joseph Charles Longueville.

*In Ceramics.*

(With Thesis.)

George Francis Bissell.  
MacDonald Charles BoozeErmane Gaylord Bucher.  
Albert William Keese.

Idris Nelson, A.B., 1912.

*In Ceramic Engineering.*Holland Robert Bacher.  
Loren Cushing Bow.  
Nathan Bromberg.Charles Francis Geiger.  
Silas Carl Linbarger.  
William Owen Rathfon.James Chalmers Cameron  
Whitelaw.*In Chemistry.*William Calvin Adams.  
John Bernis Brown.  
Vernon William Haag.Sidney Marion Hull.  
George Henry Mengel.Buford Matthews Stub-  
blefield.*In Chemical Engineering.*Everett Robert Brunskill.  
Edward Neal Chapman.  
Lawrence Henry Dunham.  
Alwin Clyde Eide.  
Alfred Martin Heinzelm-  
mann.Arthur Herman Huisken.  
Lambert Linus Larson.  
Ralph Augustus Nelson.  
George Benjamin Ruby.  
Henry Greely Sawyer.Clarence Edgar Sims.  
John Donald Snook.  
William W. Stapler.  
John Maurice Welch.  
William Walter Ziemann.MEMBERS OF THE CLASS OF 1885, WHO RECEIVED CERTIFICATES OF GRADUATION, AND  
UPON WHOM IS NOW CONFERRED THE DEGREE OF BACHELOR OF LITERATURE.

(Mrs.) Bessie Wolfe Owens Needham.

Josephine M. Zeller.

## THE COLLEGE OF ENGINEERING.

## THE DEGREE OF BACHELOR OF SCIENCE.

*In Architecture.*Walter Whitcomb Ander-  
son.  
Hans Henry Louis Andre-  
sen.  
Charles Henry Bade.  
John Williard Bailey.  
La Force Bailey.  
Allen Littler Barnes.  
Arthur Edward Benson.  
Charles Kneeland Car-  
penter.  
Bernard Ernst George  
Dirks.  
Henry Dubin.  
Guy Columbus Faurote.Harold Coulon Fuller.  
Walter Earl Glover.  
Mandel H. Harris.  
Roy Harrison Haslund.  
Carl Hauber.  
Harold Sucose Johnson.  
Paul Erastus Jones.  
Archibald Farley Kirk-  
land.  
Edward Franz Knemeyer.  
Wilbert George Knoebel.  
Louis James Laskin.  
Charles Hartman  
McCauley.Leo Daniel Marquis.  
Louis Clovis Pinault.  
Raymond Harry Purdy.  
Ira Leon Rush.  
Rudolph Wester Schucker.  
Walter Henry Simon.  
Harvey Frank Skadden.  
John Sawyer Walker.  
Harvey Henry Walters.  
Raymond Charles Whit-  
aker.  
Wallace Wyman.*In Architectural Engineering.*August Matthew Barreau.  
Frank Bergmann.  
Harold Smith Bradley.  
Arnold Wilmore Carlsen.  
David Clyman.  
Andrew Baker Hammitt.  
Leslie Arthur Kibbe.  
Joseph Ludwick Koby-  
lanski.  
Otto Arthur Krueger.John Samuel Lafferty.  
Arthur Bowen Leavens.  
John Latimer McKeown.  
August Mader.  
Vernon Leslie Morris.  
Robert Harold Olson.  
Norman Bond Patten, Jr.  
Ellis Marsh Shaw.  
John P. Shields.  
Charles Harmon Shook.Stewart Tracy Smith.  
George Walter Smith.  
Charles Hawley Tapping.  
Alexander Stephen Tar-  
noski.  
Leslie Abram Waterbury.  
Clyde Frederick Wein-  
gartner.  
Clyde Charles Younglove.  
Roy Richard Zippodt.*In Civil Engineering.*Andrew John Albert An-  
derson.  
Michael Louis Angarola.  
Ernesto Gomez Arzapalo.  
George Washington Blake.  
George Howland Butler.  
Irl Reuben Cline.  
Seymour Corley.  
Homer Ward Deakman.  
Jack Erwin Demuth.  
Kaimin Kay Feng.  
Alden Knowlton Fogg.  
Disk Sylvester Frayer.  
Ellis Ralph Goldman.Ralph Green.  
Arthur Hagener.  
Lloyd Dunaway Knapp.  
Wilfred Henry Kuhn.  
Curtis Roy Light.  
Henry Adam Lewis Mar-  
bach.  
Frederick August Kuhs  
Marx.  
John Dwight Mattison.  
Carl Atgeld Metz.  
Albert Richardson Mon-  
tague.  
Ralph Leonard Morrell.Walter Lester Nichols.  
Wesley Kayler Norris.  
Henry Aki Panhoe.  
Frederick William Pan-  
horst.  
Eugene Robert Paul Rall.  
Thomas David Randall.  
Harry Barrett Rogers.  
Carl Lee Sherman.  
Milo Cornelius Taylor.  
Robert Ellsworth Thomas.  
William Andrew Wagner.  
Jackson Heath Wilkinson.  
James Fook Onn Yapp.



Harold Edward Barden.  
Emerson DeWitt Bell.  
Charles Harry Berwald.  
Elmer Alfred Brown.  
Hari Chand.  
Benjamin Harrison  
Decker.  
William Charles Deiss.  
Clarence Gordon De-  
Swarte.  
Earl Joseph Dix.  
Verne Foster Dobbins.  
Aram Movses Eleazarian.  
Gooley Yue Fong.  
Frank Alfred Forty.  
William Stiles Haggott.  
Roland Emerson Hart.

Lennox Francois  
Armstrong.  
Harold Emery Austin.  
Alexander Fraser Barron.  
Canuto Octavio Borremeo.  
Elmer Arthur Brown.  
Leo Eslick.  
Harold Leo Flodin.  
Edward Franklin Gehrig.  
Roland Everett Green-  
burg.  
George Durfee Griswold.  
Henry James Halterman.  
Linn Helander.  
Max Holmburger, Jr.

James Howard Griftner.  
Curtis Clay Hubbard.

Irving Anderson.  
Ira Newton Clover.  
Marshall Simeon Dutton.

#### *In Electrical Engineering.*

Ralph Leroy Hermann.  
Clifford Firoved Hood.  
Ranjit Singh Jain.  
Edward Allen James.  
Milton Doerr Jones.  
George Lane Kyle.  
Carl Helge Samuel Lek-  
berg.  
George Heath Lindsey.  
Robert Stookey Lutz.  
John Harold Miller.  
Peter Jacob Nilsen.  
Raymond Webb Parker.  
Lawrence Arthur Pope.  
Emery Vern Potter.  
Bankim Chandra Ray.

#### *In Mechanical Engineering.*

Charles Edward Koch.  
Harvey Charles Koch.  
Arthur Charles Gustav  
Leverenz.  
George Isadore Lindberg.  
Frederick Gunard Lund-  
gren.  
Earle Steele MacPherson.  
Robert Carleton Maley.  
Grover Ira Mitchell.  
Carl Ragnar Nilsson.  
Hugh Light Ray.  
Orlie Rue.  
Rowland William Ruth.

#### *In Mining Engineering.*

Chester Arthur Morgan.  
Ralph Grover Perry.

#### *In Municipal and Sanitary Engineering.*

Louis John Hills.  
Harry George Menke.  
Eugene Schobinger.

#### *In Railway Electrical Engineering.*

Chleo James Jared Rhea.

William Thomas Reace.  
Louis Rosset.  
Raphael Adelford  
Samuelson.  
Q. Nathan Saperston.  
Raymond de Vries Stitt.  
Abel Ross Summers.  
Perry Jerome Sweeny.  
Shiro Taketa.  
Earle Eugene Warner.  
Charles Sidney Washburn.  
Thomas Kenneth White.  
Clarence Clinton Wied-  
ling.  
Edward Allan Williford.  
James Edward Zollinger.

Henry White Ryther.  
Daniel Charles Schneider.  
Walter Scott Shively.  
Earle Henry Stewart.  
Earl Boyd Stout.  
Bruce Richard Uphaus.  
William Laurence Van-  
sant.  
James Butler Wainwright.  
George William Watts.  
Fred Sheaff Wells.  
Russell Claire Wheeler.  
Anthony Urban Zimmer-  
man.

John Meade Silkman.  
Robert Ambrose Strong.

Ira S. Stinson.  
George Orlando With.  
Fred Raymond Zahn.

### THE COLLEGE OF AGRICULTURE.

#### THE DEGREE OF BACHELOR OF SCIENCE.

##### *In Agriculture.*

##### *(With Thesis.)*

Louis Asa Abbott.  
Frank Webster Farley.

Glenn William McCuen.  
Frank Whitcomb Pusey.  
*(Without Thesis.)*

Edward Albert Schwing.  
Maynard Elmer Slater.

Harry Francis Ainsworth.  
Harry Gregory Ainsworth.  
Harold Cornelius Albin.  
William French Anderson.  
John Asa Andrews.  
Walter Clark Armstrong.  
Edward Laurence Atkins.  
Alfred Michael Mark  
Baker, Jr.

Frank Milton Bane.  
Byrl Abbott Barker.  
Ward Powers Beard.  
Edwin Louis Beifuss.  
Arthur Barnes Bingham.  
George Raymond Bran-  
non, A. B., (Univ. Mis-  
souri), 1907.  
William Sanford Brock,  
A. B., (Waynesburg  
Coll.), 1910.

Oscar Franklin Brooks.  
Lloyd Warfield Brown.  
Roy Irving Buchanan.  
Lloyd Raymond Caldwell.  
Joseph Bernard Casserly.  
William Harold Cham-  
bers.  
Harry Frank Cogdall.  
Frank Maynard Colcord.  
Paul Wayne Coleman.

Harold Edward Colson.  
Chalmers Woodruff Craw-  
ford.  
Edward Woodin Creigh-  
ton.  
Samuel Sylvester Davis.  
Sven Duner.  
David Woods Dunlap.  
Julian Lounsbury Fish.  
George Carlyle Frazer.  
Charles Rannells Gibson.  
Leonard Mason Gilmore.  
Roy Thomas Glassco.  
Roy Allen Goff, B.S.,  
(Lombard Coll.), 1913.  
Joseph Nathaniel Greene.  
John Mitchell Griffin.  
Augustus Henry Grune-  
wald, Jr.

Lisle Gwynne Hall.  
Herbert Henry Harris.  
Eugene Milton Harsch.  
Fred Albert Healy.  
Trevor Morse Heath.  
John Franklin Hedge-  
cock, Jr.  
John Harrison Hedgecock.  
Chester Abram Hemphill.  
Robert Bruce Hinman.  
Earl Wilkie Hitchcock.

Arthur Christoph Hoff-  
man, A.B., (Lombard  
Coll.), 1907.  
Maurice Elon Hoyt.  
Henry Walter Holland.  
Guy Harold Husted.  
Lee Alfred Husted.  
Thomas Ralph Isaacs.  
Lenton Willis James.  
Hubert Jessen.  
Clifford Crouch Jones.  
Edward Luther King,  
A.B., B.S., (J. Miliken  
Univ.), 1904, 1905.  
Helmuth Julius Kircher.  
William Nathan Leonard.  
Tu Hung Liang.  
Thomas Harold Lloyd.  
Roy Simeon Lundin.  
Lewis Thornton Lyman.  
Glenn Harlow Matteson.  
Ora Mac McGhee.  
Nathan Meltz.  
William Pitt Miller, A.B.,  
1901.  
Herbert Jackson Moore.  
William Algernon Kings-  
mill Morkel.  
Renzo Edmond Muckel-  
roy.

Clarence Arthur Nebel.  
 Rae Crampton Nichols.  
 Proctor Albert Nowlen.  
 Harry Christian Olseng.  
 Warren Kinder Parker.  
 Horace Howard Phelps.  
 John Joseph Pitts, Jr.,  
 A.B., 1914.  
 Fred Richmond Powers.  
 Allan Barnes Rayburn.  
 Charles Henry Rehling.  
 Louis Ribback.  
 Donald Bert Rich.  
 Frank B. Richardson, Jr.  
 Royal Wane Ritchey.

Joseph Fred Romine.  
 Donald Cameron Rundles.  
 John Clinton Rundles.  
 Ira Carl Sailor.  
 George Washington Salis-  
 bury.  
 George Freeman Senneff.  
 Arthur Robert Siebens.  
 Paul Miller Smith.  
 Victor Elwin Spencer.  
 Ferdinand Henry Stein-  
 metz.  
 Bert Ludens Sternberg.  
 Robert Leon Strang.  
 DeWitt Wesley Thatcher.

Laurence Emerson  
 Thorne.  
 Henry Winfred Thurston,  
 Jr.  
 Charles Leslie  
 Trowbridge.  
 Carle Capron Walker.  
 Ralph Waldo Walworth.  
 Roger Thomas Welsh.  
 William Webb Wilson.  
 Henry Solomon Woolf.  
 Newton Anthony Wright.  
 Benjamin Harrison Wy-  
 coff.  
 Harry Moyer Zeter.

*In Teachers' Course.*  
 (Without Thesis.)

Edward Criss.

*In Floriculture.*

(With Thesis.)

George Charles Klehm, Jr.  
 (Without Thesis.)

Edward George Lauterbach.

*In Landscape Gardening.*

(Without Thesis.)

George Thallon Gill.  
 Noble Parker Hollister.  
 William Hornal.

*In Household Science.*

(Without Thesis.)

Pearle Keene Kernall,  
 A.B., (Univ. N. Dako-  
 ta), 1906.  
 Izora Lee.

Leon Deming Tilton.  
 Florence Teresa Yoch.

Barton Slade Austin, Jr.  
 Clarence Milford Fergu-  
 son.

Edith Elliott Boggess.  
 Maude Emily Bull.  
 Lucile Carter.  
 Ethel Mary Dole.  
 Mable Helen Gibson.

Helen Sinclair Morrison.  
 Juanita Bonnie Richard-  
 son.  
 Lillian Catherine Taylor.

#### THE COLLEGE OF LAW.

##### THE DEGREE OF BACHELOR OF LAWS.

Benjamin Franklin An-  
 derson.  
 Ralph Linden Barlow.  
 Floyd Evanston Britton.  
 Herbert William Bye.  
 Lynn Corbly.  
 Wesley Erett Cummins,  
 A.B., (McKendree Col-  
 lege), 1912.

Fred Alan DuHadway.  
 Rodney Champlin Glover.  
 Palmer Mackenzie Gun-  
 nell.  
 Roland Eugene Leopold.  
 Thurlow Girard Lewis.  
 Ray Timothy Luney.

Timothy Irle McKnight.  
 Moses Elmer Newell.  
 Charles Roy Patterson.  
 Glenn Ratcliff.  
 Nathan Cook Seidenberg.  
 Isaac Siegel.  
 Clarence Thomas Terril.

##### THE DEGREE OF DOCTOR OF LAW.

James Fearon Brown, A.B., 1913. Harry Ingalls Hannah, A.B., 1913.

#### THE LIBRARY SCHOOL.

##### THE DEGREE OF BACHELOR OF LIBRARY SCIENCE.

(Without Thesis.)

Minnie Joanna Bollman, A.B., 1910.  
 Mabel Louise Conat, A.B., University of Michigan, 1909.  
 Fanny Dunlap, Ph.B., State University of Iowa, 1905.  
 Grace Adelaide England, A.B., Albion College, 1910.  
 Antoinette Helen Goetz, A.B., State University of Iowa, 1906.  
 Margaret May Herdman, A.B., 1910.  
 Fanny Wilder Hill, A.B., 1910.  
 Edith Hyde, A.B., Ohio State University, 1908.  
 Katharine Lewis, A.B., 1912.  
 Rose Margaret Mather, A.B., 1905.  
 Norma Lee Peck, A.B., Ottawa University, 1913.  
 Alma Meriba Penrose, A.B., Oberlin College, 1901.  
 Nellie Read Roberts, A.B., 1913.  
 Mary Zeliaette Troy, A.B., University of Alabama, 1912.

#### THE SCHOOL OF MUSIC.

##### THE DEGREE OF BACHELOR OF MUSIC.

(With Thesis.)

Glen Christy.  
 Lula Belle Dexter.  
 Margaret Isabella  
 Doherty.

Marjorie Hutchins.  
 Grace Macbeth.  
 Helen Louise Madden.  
 Elizabeth Morree Smith.

Elizabeth Ellice Smoot.  
 Helen Carpenter Snook.  
 Blanche Stipp.

## THE COLLEGE OF MEDICINE.

## THE DEGREE OF BACHELOR OF SCIENCE.

Victor Scott Armstrong. Rudolph Charles Rada- George Edward Sanders.  
Pliny Russell Blodgett. baugh.

## THE DEGREE OF DOCTOR OF MEDICINE AND SURGERY.

Samuel Jacob Alden.	Frederick Hahn.	Francis Pacack.
Clay Adler.	Erica Gosta Hakansson.	Edwin Peterson.
Karl A. Anderson.	Gerhard Frederick Hart-	Charles Clifford Pinker-
Stewart Harry Anderson.	wig.	ton.
Senekerim Hovhannes	Gustav Goodman Herpe.	Charles Henry Reinhardt.
Arakelian.	Arthur William Hoag-	Jesse Henry Roth, A.B.,
Marcelino Azuzano.	lund.	M.S.
Alexander Herbert Bar-	Einar Hoff.	Pramathanath Saha.
nett.	Goldie Hoffman.	Marcus Roy Sathe.
Ernest Gaston Beatty.	Abraham Risel Hollender,	Frank Joseph Schick.
Arthur Betts.	Ph.B.	Richard Frederick Schiele.
Lewis Leonard Brodsky.	William David Hollmers.	Joseph Seilin.
Phillip Harmon Broudo.	Charles Wikoff Jeffrey.	Marius David Senelick.
Dean Cassius Brown.	Walter Lawrence John-	Cleve Ridlon Senescall.
Earl Curtis Carr.	son.	Jeremy Joseph Sharp.
Felicia Helen Cienciara.	Alfred Edward Jones.	Arthur Edwin Shell.
Lazarus Cohler.	Myron Kahn.	Walter Scott Siewerth.
John M. Conway.	Elbert Rife King.	Dean Stanley Smith.
Teofilo Pedro Corpus.	Samuel Arthur Kleger.	Henry Albert Staib.
Irwin Herbert Cutler.	Robert Gottfried Klein.	William Frederick Stein.
George Leslie Dailey.	Leaf Cort Knight.	Simon Stern.
James William Doughty.	Harry Furniss Lambert.	Christopher Brown Stuart.
Ross Edmund Elvidge.	George Milton Landeau.	Thomas John Sullivan, Jr.
George Michael	Floyd Burdick Langdon.	Jacob Marion Sutherland.
Fitzgerald.	Cyril James Larkin.	Bion Claude Syverson.
Anthony Carlo Formusa.	Hie-Ding Lin, A.B., A.M.	Edwin Robert Talbot.
Dimitter George Fournad-	Carl William Lutz.	James Edward Thiel.
jeff.	Horace Chauncey Lyman.	Harry Emil Louis Timm.
Chetwynd Marr Fran-	Eugene Henry McCaffrey.	Albert Vander Kloot.
chere.	Benjamin Vaughn Mc-	Mihran Avedis Varzha-
Harry Hirsch Freilich.	Clanahan.	bedian, A.B.
Dudley Cureton Frise,	Robert Lee MacCormack.	Harry Henry Vollberding.
Ph.B.	Eleanor Sophia Masslow.	Amanda Irene Wagoner.
Orlando Merrill Goch-	Lawrence Hampson	Thomas Alfred Wayland.
naur.	Mayers, A.B.	Marian A. Weightman.
George Joseph Gordon.	Walter Spaulding Mix.	Rolland Aretus Welch.
Clara Grace Gottschalk.	Morton Patrick Morse.	Walter Fred Wese.
Michael Goy.	Lester Irving Ofner.	Alfred Arthur Willander.
Reuben Waddell Graham.	Claude Harris Ogden.	Walter Anthony Woolley.
Saul Charles Greenwald.		

## THE COLLEGE OF DENTISTRY.

## THE DEGREE OF DOCTOR OF DENTAL SURGERY.

Michael Baumstein.	Donald Muirhead Gallie.	William Hubert
Ernest J. P. Brogmus.	Samuel Herman Good-	Schroeder.
Louis William Bortz.	friend.	David A. Steinberg.
Milzor William Deist.	Harold O. Hansen.	Nate Sommerfield.
George W. Dierks.	John Francis Hough.	William Ernst Werning-
George Leonard Felcher.	Edward John Krejci.	haus.
James Everett Fonda.	Carl David Martin.	Leland J. White.
Richard Maxwell Fuller-		
ton.		

## THE SCHOOL OF PHARMACY.

## THE DEGREE OF PHARMACEUTICAL CHEMIST.

(Conferred June 11, 1915, in Chicago.)

Carroll Edwin Bundy.	Joseph Pelc.	Edward Palmer Scruggs.
William N. Miller.		

## THE GRADUATE SCHOOL.

## THE DEGREE OF MASTER OF ARTS.

*In Botany.*

Charles Christian Rees, A.B., Wabash College, 1913.	Esther Young, A.B., Miami University, 1914.
---	---

*In Chemistry.*

Carl Stone McKellogg, A.B., Oberlin College, 1914.	Glenn Seymour Skinner, A.B., Kansas Manual Training Normal School, 1913.
Floyd Elba Rowland, B.S., Oregon Agricultural College, 1907, A.B., 1914.	Ralph Waldo Tippet, A.B., Lawrence College, 1913.

\* For list of persons on whom the degree of Graduate in Pharmacy was conferred on April 28, 1915, in Chicago, see page 242.

*In Classics.*

- Ruth Kay Davis, A.B., Greenville College, 1911.  
 Odessa Madge Myers, A.B., 1914.
- Susan Kathryn Williams, A.B., Carthage College, 1914.  
 Lola Elsie Wilson, A.B., Hanover College, 1912.

*In Economics.*

- Clare Elmer Griffin, A.B., Albion College, 1914 (Railway Administration).  
 Chuan Ying Hsu, A.B., Nanking University, 1905 (Railway Administration).
- Harold Deam Leslie, A.B., Ohio State University, 1914 (Insurance).  
 Elzy Vern McColough, A.B., Tarkion College, 1908 (Accountancy).  
 Edward Frederick Nickoley, A.B., 1898 (Accountancy).

*In Education.*

- George Wilson Beattie, A.B., Ripon College, 1901, B.S., 1914.  
 Albert James Beatty, A.B., Knox College, 1900.  
 Henry Buellesfield, A.B., 1906.  
 Charles Leroy Harlan, A.B., Indiana University, 1912.
- Mali Liang-Tze Lee, A.B., Iowa Wesleyan College, 1914.  
 Henry Theodore McKinney, A.B., 1913.  
 Olive Allen Paine, A.B., 1914.  
 Henry Daniel TerKeurst, A.B., Hope College, 1914.

*In Geology.*

- Clifton Wirt Clark, A.B., 1913.  
 Tsung Han Hsu, A.B., 1914.
- Luther Eugene Kennedy.  
 Clarence Samuel Ross, A.B., 1913.

*In History.*

- Ruth Elizabeth Hodsdon, A.B., Oberlin College, 1913.  
 Franklin Charles Palm, A.B., Oberlin College, 1914.  
 Lilly Stiegelmeier, B.S., Illinois Wesleyan University, 1912.
- Frederick Curtis Swanson, A.B., 1914.  
 Leila Olive White, A.B., Rockford College, 1914.  
 Neva Beryl Wiley, A.B., Illinois Woman's College, 1909.

*In Mathematics.*

- Albert Babbitt, A.B., Pennsylvania State College, 1914.  
 John David Bond, A.B., University of Tennessee, 1909.  
 Erma Lytle Elliott, A.B., Illinois Woman's College, 1914.
- Emery C. Farver, A.B., Otterbein University, 1914.  
 Henry Charles Zeis, A.B., 1913.

*In Modern Languages.**(In English.)*

- Julia Minnetta Barber, A.B., 1913.  
 Mary Lavenia Beck, B.S., Coe College, 1908.  
 Ira John Berkema, A.B., 1910.  
 Esther Margaret Colvin, A.B., Albion College, 1914.  
 Delmar Gross Cooke, A.B., 1912.  
 Amelia Louise Gay, A.B., 1912.
- Jerome Read Head, A.B., University of Wisconsin, 1914.  
 Ruth Marie Heffernan, A.B., Illinois Wesleyan University, 1914.  
 Emma May Rhoads Nickoley, A.B., 1899.  
 Mark Albert Van Doren, A.B., 1914.  
 Esther Grace Wiseman, A.B., Shurtleff College, 1914.

*(In German.)*

- Floy Fenton Cutler, A.B., Hedding College, 1911.  
 Fay Lynton Fisher, A.B., James Millikin University, 1914.
- Alice Emma Meier, A.B., North-Western College, 1914.  
 Emil Ferdinand Schaarmann, A.B., 1914.  
 Raymer Wendell Tinsley, A.B., University of Kentucky, 1912.

*(In Romance Languages.)*

- Louis Allen, A.B., 1913.  
 James Kessler, A.B., Indiana University, 1908.
- Olive Fiedelle Miller, A.B., 1914.

*In Physics.*

- Charles Stever Fazel, A.B., Fairmount College, 1914.
- Leslie Arthur Pinkney, A.B., Wheaton College, 1910.

*In Physiology.*

- Alma Jessie Neill, A.B., 1913.

*In Political Science.*

- John J. Fernholz, A.B., Indiana University, 1914.
- Wen Tsing Tao, A.B., Nanking University, 1914.

*In Sociology.*

- Gordon Watkins, A.B., University of Montana, 1914.

*In Zoology.*

- Homer Eldon Chenoweth, A.B., 1913.  
 Frank Blair Hanson, A.B., George Washington University, 1913.  
 Harry Virl Heimbürger, A.B., DePauw University, 1911.
- Minna Ernestine Jewell, A.B., Colorado College, 1914.  
 James Ernest Kindred, A.B., Tufts College, 1914.  
 Charles Timothy Senay, B.S., Trinity College, 1914.

## THE DEGREE OF MASTER OF SCIENCE.

*In Agronomy.*

- William Albert Albrecht, A.B., 1911, B.S., 1914.
- Elmer Tryon Ebersol, A.B., 1902.  
 Arthur Floyd Heck, B.S., 1913.

*In Animal Husbandry.*

James Henry Greene, B.S., 1908.

Arlandus Leon Jerdan, B.S., Alabama Polytechnic Institute, 1913, B.S., University of Missouri, 1914.

*In Architecture.*

Yousabu Ogawa, B.S., University of California, 1914.

*In Chemistry.*

Clarence Barbre, B.S., 1914.

Arthur Norton Bennett, B.S., 1907.

Joseph Marvin Braham, B.S., University of Idaho, 1914.

Silas Alonzo Braley, A.B., Morningside College, 1913.

Ernest Edward Charlton, A.B., Grinnell College, 1913.

Juanita Elizabeth Darrah, A.B., 1913.

Eugene Maximilian Karl Gelling, A.B., University of the Cape of Good Hope, 1911.

Wesley Wallace Hanford, B.S., Wesleyan University, 1913.

Axel Magnus Hjort, A.B., 1914.

Harry Cleveland Kremers, A.B., Hope College, 1913.

William Asbury Manuel, A.B., DePauw University, 1912.

Ruth Elizabeth Okey, B.S., Monmouth College, 1914.

John Carl Ross, A.B., South African College, 1911.

Everett Harvey Taylor, A.B., 1913.

Scott Champlin Taylor, B.S., 1913.

Howard DeWitt Valentine, B.S., 1913.

Devi Dyal Virmani, A.B., Stanford University, 1913.

Henry Joseph Weiland, B.S., University of Rochester, 1913.

Edward Wichers, A.B., Hope College, 1913.

Herbert August Winkelman, B.S., North-Western College, 1914.

*In Civil Engineering.*

Andrew John Albert Anderson, B.S., Lewis Institute, 1913.

Frank Erwin Richart, B.S., 1914.

*In Electrical Engineering.*

Courtland Walter Bade, E.E., Technicum Mittweida, 1914.

Jefferson Hall Belt, B.S., 1912.

Leslie William Faulkner, B.S., 1914.

Gundayu Mizoguchi, B.S., 1914.

Raymond William Owens, B.S., 1914.

Ernest Alexander Reid, B.S., 1914.

John Lawrence Simonich, B.S., 1914.

Hubert Michael Turner, B.S., 1910.

*In Horticulture.*

Arthur Samuel Colby, B.S., New Hampshire College, 1911.

Leo Weiss Elston, A.B., 1913, B.S., Rutgers College, 1914.

*In Mining Engineering.*

Merle Louis Nebel, B.S., 1913.

*In Physics.*

Sylvan Jay Crooker, B.S., Carleton College, 1914.

Lars Alvin Welo, B.S., North Dakota Agricultural College, 1911.

*In Railway Engineering.*

Harold Houghton Dunn, B.S., 1908.

William Sing-Chong Pung, B.S., 1914.

Robert Bedford Fogue, B.M.E., State University of Kentucky, 1913.

*In Theoretical and Applied Mechanics.*

Julian Montgomery, B.S., Grayson College, 1908, C.E., University of Texas, 1912.

Fred B. Seely, B.S., Worcester Polytechnic Institute, 1907.

Robert Edgar Turley, Jr., B.S., 1913.

*In Zoology.*

Grace Adaline Wells, B.S., Knox College, 1913.

## THE DEGREE OF DOCTOR OF PHILOSOPHY.

*In Agronomy.*

Demetrius Ion Andronescu, Diploma of Capacity in Agronomy, Roumanian College of Agriculture, 1906, M.S., 1914. The Physiology of the Pollen of Zea Mays with Special Regard to Vitality.

William Leonidas Burlison, B.S., Oklahoma Agricultural and Mechanical College, 1905, M.S., 1908. Availability of Mineral Phosphates for Plant Nutrition.

Wallace Macfarland, B.S., University of Utah, 1910, M.S., 1913. The Influence of Calcium and Magnesium Compounds on Plant Growth.

Frank Archibald Wyatt, B.S., Agricultural College of Utah, 1910, M.S., 1913. The Influence of Calcium and Magnesium Compounds on Plant Growth.

*In Botany.*

George Leo Peltier, A.B., University of Wisconsin, 1910, A.M., Washington University, 1912. Parasitic Rhizoctonias in America.

*In Chemistry.*

Harry Peach Corson, B.S., New Hampshire College, 1910, M.S., 1912. Manganese in Water Supplies.

Oscar Edward Harder, A.B., A.M., University of Oklahoma, 1910, 1911. Alloys of Chromium, Copper, and Nickel.

Joseph Whitney Howard, A.B., Shurtleff College, 1912, A.M., 1913. The Rearrangement of Alkyl Anilines.

Oliver Kamm, B.S., M.S., 1911, 1913. The Structure of the Dihydro —B— Napthoic Acids and the Correlation of Ionization and Structure in Unsaturated Acids.

Harold Hanson Mitchell, A.B., M.S., 1909, 1913. Feeding Experiments on the Substitution of Proteins by Definite Mixtures of Isolated Amino Acids.

Fred Weaver Muncie, A.B., Wabash College, 1910, M.S., 1913. The Effect of Large Applications of Commercial Fertilizers upon Carnations.

*In Economics.*

Charles Leslie Stewart, A.B., Illinois Wesleyan University, 1911, A.M., 1912. Land Tenure in the United States with Special Reference to Illinois.

Lewis Emanuel Young, B.S., Pennsylvania State College, 1901, E.M., Iowa State College, 1904. American Experience in Taxing Mines and Mineral Lands.

*In Education.*

Charles Elmer Holley, A.B., A.M., 1912, 1913. The Relationship between Persistence in School and Home Conditions.

Harold Ordway Rugg, B.S., Dartmouth College, 1908, C.E., Thayer School (Dartmouth), 1909. Descriptive Geometry and Mental Discipline.

*In Engineering.*

Albert John Becker, B.S., M.E., University of Michigan, 1903, 1907. The Strength and Stiffness of Steel under Bi-Axial Loading.

*In Entomology.*

Edna Mosher, B.S., Cornell University, 1908, M.S., 1913. A Classification of the Lepidoptera Based on Characters of the Pupa.

*In Mathematics.*

George Rutledge, A.B., A.M., 1910, 1913. The Number of Abelian Sub-groups of Groups whose Orders are the Powers of Primes.

*In Modern Languages.**(In English.)*

Henry Alfred Burd, B.S., Illinois Wesleyan University, 1910, A.M., 1911. Joseph Ritson: A Critical Biography.

*In Physics.*

Lloyd Theodore Jones, A.B., A.M., Lake Forest College, 1909, 1910, M.S., 1912. An Experimental Verification of the Law of Variation of Mass with Velocity for Cathode Rays.

*In Political Science.*

Philip Quincy Wright, A.B., Lombard College, 1912, A.M., 1913. The Means by which the Obligations of International Law are Enforced by the Law of the United States.

*In Zoology.*

Minnie Elizabeth Watson, A.B., Olivet College, 1909, M.S., 1913. Studies on Eugregarines Including Descriptions of Seventeen New Species and a Synopsis of the Eugregarine Records from the Myriapoda, Cleoptra, and Orthoptera of the World.

Morris Miller Wells, B.S., University of Chicago, 1912. The Relation of Fishes to Ions in their Natural Environment. I. Reactions and Resistance to Acidity, Alkalinity, and Neutrality. II. Reaction and Resistance to Salts.

## THE PROFESSIONAL DEGREES IN ENGINEERING.

*The Degree of Master of Architecture.*

Mortimer Burnham Cleveland, B.S., 1908.

*The Degree of Civil Engineer.*

Rodney Linton Bell, B.S., 1909. Seymour Standish, B.S., 1910.

Raymond Clark Pierce, B.S., 1908.

*The Degree of Electrical Engineer.*

John Dudley Ball, B.S., 1907. Percy McClure Richards, B.S., 1909.

Townsend Foster Dodd, B.S., 1907.

*The Degree of Mechanical Engineer.*

Charles Elliott Sargent, B.S., 1886.

## HONORS.

The Secretary reported also for record that the following honors have been awarded by the University for excellence in scholarship:

## THE DEGREE OF A.B. WITH HONORS.

## IN THE COLLEGE OF LIBERAL ARTS AND SCIENCES.

Mildred Lean Coburn, in German. Walter Wilson Jennings, in History.

Elizabeth Genevieve Fuller, in English. Hadden Spurgeon Kirk, in History.

Alta Green, in English. Ray Orion Wyland, in Psychology.

Gertrude Halushka, in History.

## SPECIAL HONORS.

## IN THE COLLEGE OF LIBERAL ARTS AND SCIENCES.

Amelia Lucinda Kellogg, in Botany. Sidney Marion Hull, in Chemistry.

Everett Robert Brunskill, in Chemical Engineering. Silas Carl Linbarger, in Ceramic Engineering.

Charles Francis Geiger, in Ceramic Engineering. Edwin Whitaker Mattoon, in Zoology.

Frank A. Hoerner, in Psychology. Forrest Hamilton Murray, in Mathematics.

## IN THE COLLEGE OF ENGINEERING.

Alden Knowlton Fogg. Peter Jacob Nilsen. Edward Allen Williford.

Ralph Green. George William Watts. Clyde Charles Younglove.

Edward Allen James.

## IN THE COLLEGE OF AGRICULTURE.

Maynard Elmer Slater.

## FINAL HONORS.

## IN THE COLLEGE OF LIBERAL ARTS AND SCIENCES.

Mary Elizabeth Collom.	Frank A. Hoerner.	Forrest Hamilton Murray.
Lillian Dora Dole.	Carrie Lucile McColley.	Roe Niver.
Charles Francis Geiger.	Margaret Mildred Meh-	Edith Anna Swank.
Vera Ople Gossett.	hop.	Ruth Elizabeth Young.
Lois Myrtle Harris.		

## IN THE COLLEGE OF ENGINEERING.

Harold Emery Austin.	Max Holmburger, Jr.	Harry Barrett Rogers.
Irl Reuben Cline.	Edward Allen James.	Walter Henry Simon.
Henry Dubin.	Frederick August Kuhs	Perry Jerome Sweeny.
Alden Knowlton Fogg.	Marx.	Milo Cornelius Taylor.
Frank Alfred Forty.	John Harold Miller.	George William Watts.
Ralph Green.	Peter Jacob Nilsen.	Edward Allen Williford.
Arthur Hagener.	Frederick William Pan-	
Roy Harrison Haslund.	horst.	

## IN THE COLLEGE OF AGRICULTURE.

Chalmers Woodruff Crawford.	Noble Parker Hollister.	Maynard Elmer Slater.
Ethel Mary Dole.	Izora Lee.	Victor Elwin Spencer.
Julian Lounsbury Fish.	Nathan Meltz.	Laurence Emerson Thorne.
	Helen Sinclair Morrison.	Carle Capron Walker.

## IN THE COLLEGE OF LAW.

Wesley Erett Cummins.	Glenn Ratcliffe.
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## IN THE LIBRARY SCHOOL.

Mabel Louise Conat.
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## IN THE SCHOOL OF MUSIC.

Helen Louise Madden.
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## THE FRANCIS JOHN PLYM FELLOWSHIP IN ARCHITECTURE.

Alexander Rudolph Brandner, 1913.
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## THE B'NAI B'RITH PRIZES.

<i>First Prize for Upperclassmen.</i>
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Isaac Siegel.
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<i>Freshman Prize.</i>
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Anita Libman.
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## THE BRYAN PRIZE ESSAY.

Denna Frank Fleming.
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## THE PHI BETA KAPPA PRIZE.

Walter Wilson Jennings.
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## CONFERENCE MEDAL FOR EXCELLENCE IN SCHOLARSHIP AND ATHLETICS FOR THE YEAR 1915.

Edward Allan Williford.
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## COMMISSIONS IN THE ILLINOIS NATIONAL GUARD.

The Secretary reported also for record that the following officers of the University Corps of Cadets have received commissions in the Illinois National Guard:

Joseph Nathaniel Greene.	Lloyd Dunaway Knapp.	Wesley Kayler Norris.
Augustus Henry Grunewald.	Gerald Darfield Stopp.	Laurence Emerson Thorne.
Walter Clark Armstrong.	George Howland Butler.	John Harold Miller.
Edward Charles Elles.	Ralph Leroy Herman.	George Durfee Griswold.
Ernest Howard Pool.	August Matthew Barreau.	Roe Niver.
Roy Richard Zipprodt.	Edward Allen James.	Loren Cushing Bow.
Irl Reuben Cline.	Lawrence Henry Dun-	Maurice Elton Hoyt.
Arthur Herman Huiskens.	ham.	Essel Ray Dillavou.
Clarence Arthur Nebel.	Benjamin Harrison	Samuel Sylvester Davis.
Maynard Elmer Slater.	Decker.	Harold Edward Barden.
Clifford Firoved Hood.	Eugene Robert Paul Rall.	George William Haan.

## THE UNIVERSITY GOLD MEDAL.

William Franklin Campbell.
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## THE HAZELTON GOLD MEDAL.

Oliver Galbraith Brain.
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The board adjourned.

H. E. CUNNINGHAM, *Secretary.*

W. L. ABBOTT, *President.*

# CASH STATEMENT OF THE UNIVERSITY OF ILLINOIS, FOR THE TWELVE MONTHS, ENDING JUNE 30, 1915.

RECEIPTS.		
Balance, July 1, 1914 .....		\$ 89,443 39
Interest on Endowment Fund and Land Contracts .....	\$ 32,462 04	
Other United States Grants .....	90,000 00	
State Appropriations—		
Buildings, Land and Equipment .....	650,000 00	
Operation, Maintenance and Equipment .....	1,600,000 00	
Water Survey .....	21,500 00	
Miners' and Mechanics' Institutes .....	15,000 00	
Students' Fees—		
Urbana .....	160,970 67	
Chicago .....	75,180 09	
Departmental Sales .....	162,457 06	
Trust Funds .....	36,189 19	
Miscellaneous .....	15,268 64	
		<u>2,859,027 69</u>
		<u><u>\$2,948,471 08</u></u>
DISBURSEMENTS.		
Land and Buildings .....	\$429,338 32	
Physical Plant .....	272,471 98	
Administration and General Expense .....	292,183 98	
College of Liberal Arts and Sciences .....	453,964 95	
Agricultural College and Experiment Station .....	665,800 86	
Engineering College and Experiment Station .....	316,800 56	
Graduate School .....	47,591 72	
Colleges of Medicine and Dentistry .....	169,082 01	
Other Schools and Departments .....	159,195 05	
Trusts .....	31,702 07	
		<u>\$2,838,131 50</u>
Balance, June 30, 1915 .....		<u>\$110,339 58</u>
		<u><u>\$2,948,471 08</u></u>



# WARRANTS AND VOUCHERS FOR THE YEAR ENDING JUNE 30, 1915.

## A. Warrants Drawn on the Treasurer of the University.

### I. GENERAL UNIVERSITY WARRANTS.

No.	Date.	To whom.	For what.	Amount.
	1914			
1	July 2	O. W. Hampton .....	Dairy office.....	\$ 1 51
2	do.	E. Grove.....	do.....	2 99
3	do.	Lou Creiger.....	do.....	2 29
4	do.	C. C. Gordon.....	do.....	1 43
5	do.	O. A. McInnes.....	do.....	2 60
6	do.	R. S. McInnes.....	do.....	1 90
7	do.	James Hammack.....	do.....	2 26
8	do.	David Wilkins.....	do.....	2 05
9	do.	M. Hudson.....	do.....	2 60
10	do.	Geo. Schiff.....	do.....	4 32
11	do.	John Weiss.....	do.....	9 34
12	do.	John McCullough.....	do.....	24 11
13	do.	W. E. Heyer, Fisher.....	Creamery.....	4 02
14	do.	L. F. Bialeschski, Pesotum.....	do.....	2 72
15	do.	Andrew Shields, Dewey.....	do.....	4 54
16	do.	W. A. Ashworth, Humboldt.....	do.....	3 06
17	do.	W. E. Yount, Homer.....	do.....	5 25
18	do.	F. W. Howell, Homer.....	do.....	1 14
19	do.	R. H. Brewer, Ogden.....	do.....	1 92
20	do.	Van Carter, Homer.....	do.....	5 10
21	do.	G. B. Giddings, Ogden.....	do.....	4 03
22	do.	Daniel Hahn, Ogden.....	do.....	3 41
23	do.	P. Hayes, Ogden.....	do.....	1 07
24	do.	C. Kaufman, St. Joseph.....	do.....	4 50
25	do.	G. Richards, Muncie.....	do.....	2 76
26	do.	Bert Barber, Mahomet.....	do.....	4 58
27	do.	S. Herriott, Mahomet.....	do.....	5 64
28	do.	J. Wilson, Ogden.....	do.....	2 55
29	do.	G. Patterson, Muncie.....	do.....	4 13
30	do.	Nicholas Hahn, Ogden.....	do.....	5 62
31	do.	W. E. Womacks, Ogden.....	do.....	3 12
32	do.	Frank Stadden, Homer.....	do.....	4 32
33	do.	H. F. Ridgeley, Cerro Gordo.....	do.....	2 44
34	do.	J. H. Umbanhowar, Homer.....	do.....	4 00
35	do.	J. B. Skinner, Fithian.....	do.....	3 85
36	do.	J. D. Pulliam, Fithian.....	do.....	3 33
37	do.	J. A. R. Koch, Mayview.....	do.....	5 49
38	do.	J. W. Rayburn, Bondville.....	do.....	3 28
39	do.	C. C. Rayburn, Bondville.....	do.....	4 24
40	do.	F. H. Busey, Savoy.....	do.....	2 11
41	do.	G. W. VanMeter, Savoy.....	do.....	2 37
42	do.	C. A. Fogel, Mahomet.....	do.....	2 96
43	do.	J. C. Shrock, Fisher.....	do.....	4 33
44	do.	S. T. Carter, Seymour.....	do.....	3 32
45	do.	I. H. Gordon, Urbana, R. F. D.....	do.....	3 22
46	do.	W. C. Welch, Urbana, R. F. D.....	do.....	2 13
47	do.	E. A. Smith, Urbana, R. F. D.....	do.....	2 52
48	do.	E. J. Percival, Urbana, R. F. D.....	do.....	2 91
49	do.	W. W. Myer, Urbana, R. F. D.....	do.....	2 18
50	do.	G. C. Robert, Urbana, R. F. D. No 8.....	do.....	2 18
51	do.	S. Atkinson, Urbana, R. F. D.....	do.....	4 46
52	July 3	C. F. Kelley.....	Lectures.....	75 00
53	do.	H. W. Boyer.....	Student labor.....	51 60
54	do.	Russell, D. V. Castle.....	do.....	37 00
55	do.	Schweitzka Bros.....	Furniture repairs.....	38 24
56	do.	North Central Assn. of Colleges and Secondary Schools.....	Membership fee.....	10 00

## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1914			
57	July 3	The Willis Music Co. ....	Books .....	\$ 3 32
58	..do.	E. Lee Whitney .....	..do .....	5 00
59	..do.	Paul Gottschalk .....	..do .....	5 50
60	..do.	C. D. Cazenove & Son .....	..do .....	2 01
61	..do.	W. Funk .....	..do .....	25 30
62	..do.	Max Weg .....	..do .....	14 10
63	..do.	Ernst Hertzberg & Sons .....	Binding .....	370 26
64	..do.	Geo. E. Frazer .....	Traveling expenses .....	146 19
65	..do.	Mary E. Busey .....	..do .....	13 44
66	..do.	C. J. Welch .....	Concrete work .....	93 33
67	..do.	Harper Bros. ....	General supplies .....	54 30
68	..do.	National Engraving Co. ....	Printing and publishing .....	8 40
69	July 6	Annâ B. Crackle .....	Wages, June, 1914 .....	37 75
70	..do.	Paul Utterback .....	..do .....	52 80
71	..do.	John F. Hannah .....	..do .....	51 25
72	..do.	A. L. Sowers .....	..do .....	97 50
73	..do.	G. S. Palmer .....	..do .....	23 09
74	..do.	Jean Mac Innes .....	..do .....	30 00
75	..do.	Marie Halton .....	..do .....	41 45
76	..do.	U. Salazar .....	..do .....	21 12
77	..do.	E. F. Murphey .....	..do .....	21 10
78	..do.	H. D. Brown .....	..do .....	26 90
79	..do.	Harry Hohlman .....	..do .....	40 20
80	..do.	Lucy Lowe .....	..do .....	44 12
81	..do.	E. W. Mattoon .....	..do .....	12 00
82	..do.	R. L. Bentley .....	..do .....	31 50
83	..do.	D. J. Campbell .....	..do .....	29 40
84	..do.	L. T. Lyman .....	..do .....	21 60
85	..do.	B. L. Bowling .....	..do .....	41 50
86	..do.	Helen Clark .....	..do .....	15 25
87	..do.	G. E. Sanders .....	..do .....	12 19
88	..do.	LaVerne Meredith .....	..do .....	15 32
89	..do.	Ina Meredith .....	..do .....	27 38
90	..do.	Olga Thal .....	..do .....	15 40
91	..do.	Alba Mohr .....	..do .....	15 79
92	..do.	Irma Houser .....	..do .....	13 50
93	..do.	A. P. Brown .....	..do .....	22 50
94	..do.	Thos. Lyons .....	..do .....	51 20
95	..do.	W. W. Trimble .....	..do .....	51 20
96	..do.	C. E. Mattoon .....	..do .....	62 00
97	..do.	Geo. F. Smailey .....	..do .....	39 00
98	..do.	Clyde Hamlin .....	..do .....	55 00
99	..do.	Basil Brown .....	..do .....	69 12
100	..do.	D. M. Bullock .....	..do .....	65 09
101	..do.	Foss Hutton .....	..do .....	62 56
102	..do.	Fred Langhoff .....	..do .....	62 56
103	..do.	O. E. Meenach .....	..do .....	69 92
104	..do.	H. H. Mahorney .....	..do .....	69 00
105	..do.	A. Servis .....	..do .....	69 69
106	..do.	Geo. Toy .....	..do .....	64 17
107	..do.	Geo. Turner .....	..do .....	68 31
108	..do.	Ed. Wharmby .....	..do .....	71 53
109	..do.	Margaret Jones .....	..do .....	44 37
110	..do.	Frances E. McClughen .....	..do .....	44 20
111	..do.	Rebecca Morgan .....	..do .....	43 35
112	..do.	Mary Ryan .....	..do .....	41 65
113	..do.	Wm. Atwell .....	..do .....	59 22
114	..do.	C. E. Arrington .....	..do .....	63 21
115	..do.	Harry Brown .....	..do .....	58 17
116	..do.	J. E. Bailey .....	..do .....	58 80
117	..do.	J. E. Browning .....	..do .....	58 00
118	..do.	Rolla S. Carson .....	..do .....	54 00
119	..do.	J. W. Cheever .....	..do .....	49 20
120	..do.	B. F. English .....	..do .....	63 25
121	..do.	C. Y. Freeman .....	..do .....	60 06
122	..do.	J. J. Fiscus .....	..do .....	65 32
123	..do.	W. H. Graybeal .....	..do .....	63 63
124	..do.	V. S. Glenn .....	..do .....	54 60
125	..do.	David Glenn .....	..do .....	50 26
126	..do.	F. F. Hoover .....	..do .....	60 94
127	..do.	L. T. Heinz .....	..do .....	59 60
128	..do.	C. C. Johnson .....	..do .....	64 26
129	..do.	A. C. Litton .....	..do .....	60 06
130	..do.	C. P. Moore .....	..do .....	56 00
131	..do.	J. E. Morgan .....	..do .....	10 00
132	..do.	C. M. Miller .....	..do .....	55 86
133	..do.	D. T. Moody .....	..do .....	53 40
134	..do.	James McCullough .....	..do .....	62 26

## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1914			
135	July 6	Forrest Mock	Wages, June, 1914	\$ 55 00
136	do.	Nick Peterson	do.	53 40
137	do.	J. F. Purkins	do.	59 40
138	do.	H. L. Thompson	do.	54 00
139	do.	L. M. Stearns	do.	63 00
140	do.	O. J. Utterback	do.	55 80
141	do.	P. T. Walters	do.	40 40
142	do.	Dan Meneely	do.	62 56
143	do.	John Aschermann	do.	39 60
144	do.	Tim Kenney	do.	55 20
145	do.	M. F. Roberts	do.	46 00
146	do.	Roy Tatlock	do.	53 60
147	do.	C. M. Ollis	do.	52 40
148	do.	A. L. Johnson	do.	60 20
149	do.	Otto Kriegl	do.	54 80
150	do.	Felix Fox	do.	58 80
151	do.	W. J. McFadden	do.	46 00
152	do.	Ed. Justus	do.	108 00
153	do.	J. R. Newton	do.	70 08
154	do.	Ed. Richards	do.	87 36
155	do.	John Ceduskey	do.	79 42
156	do.	Louie Fender	do.	66 22
157	do.	J. F. Long	do.	75 60
158	do.	A. J. McAlister	do.	69 84
159	do.	A. C. Wascher	do.	82 80
160	do.	William Wilde	do.	93 00
161	do.	Geo. Boyer	do.	65 10
162	do.	Thos. Butler	do.	57 73
163	do.	Herman Fechttruph	do.	72 00
164	do.	Chas. Wilson	do.	27 40
165	do.	T. E. Wells	do.	31 60
166	do.	Jas. Meriweather	do.	55 40
167	do.	Gilbert Robbins	do.	56 00
168	do.	Thos. J. Fay	do.	93 00
169	do.	E. C. Lewis	do.	69 93
170	do.	Frank Stateler	do.	70 40
171	do.	Thos. Long	do.	82 89
172	do.	Joseph Davis	do.	69 30
173	do.	J. A. J. Klien	do.	63 63
174	do.	William Quinn	do.	66 60
175	do.	Howard F. Fabert	do.	110 50
176	do.	Frank Cunningham	do.	52 00
177	do.	Sell Hamlin	do.	60 32
178	do.	Ruthe Murphey	do.	57 96
179	do.	F. M. Perry	do.	109 82
180	do.	T. O. Henderson	do.	34 65
181	do.	A. Bevis	do.	49 10
182	do.	Cevilla Carothers	do.	85 15
183	do.	F. Crathorne	do.	85 15
184	do.	A. Langhoff	do.	93 60
185	do.	V. E. Barnes	do.	51 20
186	do.	M. C. Bocher	do.	93 60
187	do.	A. J. Booker	do.	93 60
188	do.	J. C. Fiscus	do.	95 12
189	do.	Chas. Hill	do.	86 40
190	do.	J. D. Craig	do.	93 60
191	do.	S. A. Porter	do.	90 00
192	do.	Martin Sandwell	do.	94 80
193	do.	A. C. Speedie	do.	82 80
194	do.	Wesley Wilson	do.	93 60
195	do.	Amos Wright	do.	90 80
196	do.	J. H. Vandiventer	do.	93 60
197	do.	C. A. Dunseth	do.	95 20
198	do.	J. B. Doll	do.	87 00
199	do.	William Templin	do.	109 90
200	do.	A. W. Keese	do.	56 60
201	do.	A. L. Collins	do.	66 27
202	do.	I. F. Tillotson	do.	56 91
203	do.	F. T. Franklin	do.	52 80
204	do.	Roy Crawford	do.	59 75
205	do.	J. B. Hickey	do.	86 45
206	do.	Harry Higgins	do.	60 75
207	do.	Howard Downing	do.	105 28
208	do.	J. H. Miller	do.	108 10
209	do.	Frank Clancy	do.	80 15
210	do.	Harry Clifford	do.	81 90
211	do.	John Brannigan	do.	54 97
212	do.	Jesse Meyers	do.	

## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1914			
213	July 6	A. Warmbier	Wages, June, 1914	\$ 80 10
214	do.	W. J. Smith	do.	117 67
215	do.	Guy Fox	do.	83 66
216	do.	Chas. Gundlock	do.	75 66
217	do.	P. L. Livick	do.	59 33
218	do.	Fred Fender	do.	84 60
219	do.	W. J. Langhoff	do.	29 21
220	do.	O. L. Mendenhall	do.	48 00
221	do.	J. Cassidy	do.	52 00
222	do.	P. O. Moore	do.	52 00
223	do.	R. A. Faltreyman	do.	53 00
224	do.	Roy B. Lanham	do.	50 00
225	do.	John Snider	do.	56 70
226	do.	Ben L. Reed	do.	57 60
227	do.	A. U. Moran	do.	53 75
228	do.	James Irvine	do.	56 70
229	do.	Frank Irvine	do.	76 32
230	do.	W. G. Hixon	do.	54 00
231	do.	Sam Hanson	do.	70 00
232	do.	Ed. Hargan	do.	70 15
233	do.	Frank Fogarty	do.	54 60
234	do.	William Fogarty	do.	54 00
235	do.	Frank C. Wilson	do.	41 60
236	do.	Oscar L. Hunt	do.	41 60
237	do.	Marion E. Sparks	do.	17 50
238	do.	M. T. Lindsey	do.	29 00
239	do.	Mollie B. Frazier	do.	50 00
240	do.	C. F. Brown	do.	50 00
241	do.	Lowell A. Griffith	do.	50 00
242	do.	W. L. Harry	do.	100 00
243	do.	William Heath	do.	50 00
244	do.	R. Pritchard	do.	60 00
245	do.	H. Pritchard	do.	70 00
246	do.	Hazel Rhoades	do.	60 00
247	do.	D. C. Sprinkle	do.	50 00
248	do.	A. J. Stoneburner	do.	50 00
249	do.	Lawrence Utterback	do.	50 00
250	do.	Chas. Pollard	do.	35 91
251	do.	Andrew Boswell	do.	42 00
252	do.	James Boswell	do.	50 00
253	do.	Emmett Brentlinger	do.	50 00
254	do.	Ralph Chaplin	do.	60 00
255	do.	A. J. Corson	do.	50 00
256	do.	Asa Egelston	do.	40 00
257	do.	Claude Harroille	do.	40 00
258	do.	Fred Heninger	do.	40 00
259	do.	Russell Orrill	do.	35 00
260	do.	Clint Sayre	do.	35 00
261	do.	Ora Tackitt	do.	40 00
262	do.	Marion E. Sparks	do.	17 25
263	do.	E. W. Mattoon	do.	7 25
264	do.	Blanche R. Humrichouse	do.	43 32
265	do.	Louisa Merboth	do.	45 00
266	do.	Ida Luther	do.	23 00
267	do.	Armintha Cowden	do.	55 00
268	do.	Mark Small	do.	60 00
269	do.	Jeanette Craigmile	do.	50 00
270	do.	L. Evangeline White	do.	46 25
271	do.	H. C. Carothers	do.	50 00
272	do.	Ed. Lerch	do.	12 50
273	do.	F. E. Cavette	do.	40 00
274	do.	Ralph P. Brown	do.	31 20
275	do.	Ora B. Castle	do.	49 50
276	do.	R. E. Danielson	do.	57 75
277	do.	J. A. Chase	do.	18 60
278	do.	F. J. Hoehn	do.	5 50
279	do.	S. C. Linder	do.	22 80
280	do.	K. S. Stice	do.	24 90
281	do.	R. R. Wagner	do.	10 25
282	do.	Verna A. Manley	do.	31 20
283	do.	L. E. Dunlap	do.	21 40
284	do.	C. B. Price	do.	14 00
285	do.	Bertram Abney	do.	16 00
286	do.	M. J. Falletti	do.	29 40
287	do.	C. C. Turner	do.	38 00
288	do.	Frank Turner	do.	22 00
289	do.	O. C. Clevenger	do.	36 00
290	do.	Walter J. Grant	Traveling expenses	10 00

## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1914			
291	July 6	David Kinley.....	Traveling expenses.....	\$ 9 49
292	do.	J. D. White.....	Postage.....	465 00
293	do.	I. H. Besore.....	Dairy office.....	1 51
294	do.	E. V. Percival.....	do.....	3 41
295	do.	E. F. Lyons.....	do.....	2 51
296	do.	Herman Henhort, Ogden.....	Dairy creamery.....	3 43
297	do.	Ed. Householder, Fithian.....	do.....	4 37
298	do.	Wm. Leischner, Milmine.....	do.....	4 16
299	do.	W. D. Rohl, Homer.....	do.....	4 78
300	do.	C. E. Smoot, Fithian.....	do.....	2 73
301	do.	D. O. McMorris, Fithian.....	do.....	3 72
302	do.	C. G. Plattner, Fithian.....	do.....	4 16
303	do.	Macy Bros., Fithian.....	do.....	6 29
304	do.	T. F. Jordan, Savoy.....	do.....	4 21
305	do.	C. Ross, Savoy.....	do.....	1 53
306	do.	B. Jordan, Savoy.....	do.....	2 52
307	do.	John Ridgeley, Monticello.....	do.....	2 83
308	do.	Andrew Ekblaw, Rantoul.....	do.....	3 47
309	do.	J. A. Daeger, Savoy.....	do.....	3 38
310	do.	Chester Coulter, Paxton.....	do.....	2 51
311	do.	G. C. Roberts, Urbana, R. F. D. No. 8.....	do.....	2 03
312	do.	Smith, Love & Co., Urbana, R. F. D. No. 7.....	do.....	1 38
313	do.	W. H. Gray, Urbana, R. F. D.....	do.....	3 10
314	July 7	James Hammock.....	Dairy office.....	1 20
315	do.	C. C. Gordon.....	do.....	1 14
316	do.	O. A. McInnes.....	do.....	2 21
317	do.	R. S. McInnes.....	do.....	1 87
318	do.	T. P. Lyons.....	do.....	2 05
319	do.	E. Grove.....	do.....	3 35
320	do.	Lou Creiger.....	do.....	2 05
321	do.	David Wilkins.....	do.....	1 64
322	do.	O. W. Hampton.....	do.....	1 07
323	do.	A. R. Grindley.....	do.....	2 08
324	do.	J. E. Henderson.....	do.....	1 72
325	do.	P. P. Dunn.....	do.....	3 51
326	do.	P. J. Wagner, Ogden.....	Dairy creamery.....	3 82
327	do.	S. G. Richards, Muncie.....	do.....	1 85
328	do.	Frank Stadden, Homer.....	do.....	3 15
329	do.	R. L. Meyer, Mahomet.....	do.....	3 76
330	do.	S. T. Carter, Seymour.....	do.....	3 47
331	do.	D. S. Herriott, Mahomet.....	do.....	3 29
332	do.	Fred Elliott, Ogden.....	do.....	2 37
333	do.	John Rueb, Fithian.....	do.....	2 70
334	do.	J. H. Umbanhowar, Homer.....	do.....	3 87
335	do.	J. B. Marsh, Ogden.....	do.....	3 31
336	do.	E. W. Smalley, Savoy.....	do.....	3 80
337	do.	James Freeman, Fithian.....	do.....	3 07
338	do.	J. A. R. Koch, Mayview.....	do.....	5 41
339	do.	Robt. Childers, Ogden.....	do.....	2 00
340	do.	Z. Alsip, Ogden.....	do.....	2 21
341	do.	C. W. Pfeister, Bondville.....	do.....	4 32
342	do.	Coon Bros., Rantoul.....	do.....	4 67
343	do.	John Ingleman, Rantoul.....	do.....	3 89
344	do.	C. A. Fogel, Mahomet.....	do.....	2 34
345	do.	G. W. VanMeter, Savoy.....	do.....	3 56
346	do.	F. H. Busey, Savoy.....	do.....	2 00
347	do.	C. J. VonHoltz, Champaign, R. F. D.....	do.....	3 74
348	do.	E. J. Percival, Urbana, R. F. D.....	do.....	3 02
349	do.	A. E. Burwash.....	Dairy products furnished Department Dairy Husbandry.....	4 91
350	do.	I. W. Maxwell.....	do.....	3 67
351	do.	W. H. Gray.....	do.....	2 65
352	do.	Geo. Schiff.....	do.....	4 24
353	do.	T. F. Jordan.....	do.....	7 16
354	do.	B. Jordan.....	do.....	4 46
355	do.	C. Ross.....	do.....	2 43
356	do.	Louis Holtapp.....	do.....	2 39
357	do.	W. E. Heyer.....	do.....	3 26
358	do.	A. Foster.....	do.....	2 30
359	do.	J. J. Cender.....	do.....	4 14
360	do.	W. J. Wilson.....	do.....	1 73
361	do.	W. J. Kelley.....	do.....	3 06
362	do.	J. Englehardt.....	do.....	2 27
363	do.	F. P. Dalbey.....	do.....	1 62
364	do.	J. C. Woodin.....	do.....	2 11
365	do.	Harvey Ray.....	do.....	2 94
366	do.	John Rueb.....	do.....	3 62
367	do.	W. W. Meyer.....	do.....	2 08

## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1914			
368	July 7	The Wabash Railroad.	Freight.	\$ 49 84
369	do.	C., C., C. & St. L. Ry. Co.	do.	39 17
370	do.	C. G. Cox.	Wages, May, 1914.	60 00
371	do.	Georg D. W. Gallwey.	Books.	54 88
372	do.	Martinus Nijhoff.	do.	12 88
373	do.	Gustav Fock.	do.	900 00
374	July 8	A. R. Grindley.	Dairy products furnished Department Dairy Husbandry.	2 32
375	do.	H. I. Nelson.	do.	1 32
376	do.	E. Grove.	do.	4 10
377	do.	D. Wilkins.	do.	2 86
378	do.	M. Hudson.	do.	2 08
379	do.	R. E. McInness.	do.	1 00
380	do.	O. A. McInness.	do.	1 24
381	do.	J. Hammack.	do.	1 67
382	do.	G. W. VanMeter.	do.	5 37
383	do.	F. N. Busey.	do.	2 35
384	do.	E. A. Smith.	do.	2 48
385	do.	W. C. Welsh.	do.	3 19
386	do.	E. J. Percival.	do.	3 02
387	do.	J. W. Rayburn.	do.	2 54
388	do.	C. C. Rayburn.	do.	4 78
389	do.	W. A. Ashworth.	do.	2 87
390	do.	A. Shields.	do.	4 42
391	do.	J. H. Umbanhowar.	do.	4 00
392	do.	D. Hahn.	do.	4 51
393	do.	W. Lelschner.	do.	4 40
394	do.	W. E. Womachs.	do.	2 86
395	do.	J. Ridgeley.	do.	2 78
396	do.	G. B. Giddings.	do.	3 75
397	do.	N. Hahn.	do.	5 72
398	do.	F. Alsip.	do.	2 16
399	do.	W. D. Rohl.	do.	8 69
400	do.	W. E. Yount.	do.	4 83
401	do.	C. A. Fogel.	do.	2 83
402	do.	L. F. Bialeschki.	do.	3 59
403	do.	D. S. Herriott.	do.	6 33
404	do.	J. A. R. Koch.	do.	5 02
405	do.	Van Carter.	do.	4 10
406	do.	F. W. Howell.	do.	3 02
407	do.	F. Stadden.	do.	3 89
408	do.	C. G. Patterson.	do.	3 83
409	do.	Frank Watson.	do.	3 38
410	July 9	A. H. Lenz.	Cataloging.	32 20
411	do.	J. S. Whitmire.	Wages, June, 1914.	60 00
412	do.	O. E. Staples, Bursar.	Sundry bills.	65 25
413	do.	O. U. Staples, Bursar.	General labor.	66 03
414	do.	O. E. Staples, Bursar.	Rebates to students.	69 00
415	do.	G. E. Stechert & Co.	Books.	6 93
416	do.	Ernst Hertzberg & Sons.	do.	42 47
417	do.	Champaign Steam Laundry.	Laundry.	93 67
418	do.	Mittendorf & Kiler.	Furniture.	50 15
419	do.	C. R. Richards.	Traveling expenses.	114 64
420	do.	W. L. Abbott.	do.	39 96
421	do.	L. E. Knorr.	do.	7 85
422	do.	O. A. Harker, Legal Counsel.	do.	39 52
423	do.	R. H. Linkins.	Teaching assistant, Zoology.	8 00
424	do.	E. P. Little.	Use of team.	35 85
425	do.	The Wabash R. R.	Freight.	3 49
426	do.	The 20th Century Press Clipping Bureau.	Clippings, April, May and June, 1914.	7 50
427	do.	Harris & Mead.	Merchandise and service at Engineering Building, June 16.	21 00
428	do.	Flanigan-Pearson Co.	Printing circulars.	45 50
429	do.	Pantagraph Printing & Stationery Co.	Maps.	3 75
430	do.	Ralph M. Parks, The Parks Orchestra.	Orchestra, July 2.	10 50
431	July 10	J. Adam Puffer.	Lectures.	100 00
432	July 11	John Englehardt.	Dairy products furnished Department Dairy Husbandry.	48 61
433	do.	J. E. Henderson.	do.	1 51
434	do.	Lou Creiger.	do.	4 00
435	do.	E. Grove.	do.	2 35
436	do.	Ed. Householder.	do.	4 24
437	do.	Herman Denhort.	do.	4 00
438	do.	R. S. McNeith.	do.	3 70
439	do.	S. T. Carter.	do.	3 27
440	do.	E. W. Smalley.	do.	2 84
441	do.	B. Jordan.	do.	2 30

## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1914			
442	July 11	C. C. Ross.....	Dairy products furnished department Dairy Husbandry.....	\$ 1 94
443	..do...	J. C. Shrock.....	..do.....	4 40
444	..do...	Coon Brothers.....	..do.....	3 97
445	..do...	J. E. Esworthy.....	..do.....	5 21
446	..do...	Guy Hobick.....	..do.....	5 00
447	..do...	H. F. Ridgeley.....	..do.....	1 76
448	..do...	Andrew Ekblaw.....	..do.....	3 54
449	..do...	J. W. Willsey.....	..do.....	5 54
450	..do...	W. H. Gray.....	..do.....	1 84
451	..do...	T. F. Jordan.....	..do.....	5 89
452	July 13	O. E. Staples, Bursar.....	Rebates to students.....	21 50
453	..do...	O. E. Staples, Bursar.....	Express.....	40 56
454	..do...	M. W. Busey.....	Clerk hire and office expenses, Apr. 1, July 1, 1914.....	150 00
455	..do...	R. E. Zombro.....	Rental of caps and gowns.....	16 50
456	..do...	N. W. Hepburn.....	Salary, June 15-30, 1914.....	104 17
457	..do...	E. F. Lyons.....	Dairy office.....	2 13
458	..do...	James Hammack.....	..do.....	1 81
459	..do...	R. S. McInnes.....	..do.....	1 30
460	..do...	C. C. Gordon.....	..do.....	1 46
461	..do...	T. P. Lyons.....	..do.....	1 27
462	..do...	P. P. Dunn.....	..do.....	1 94
463	..do...	David Wilkins.....	..do.....	3 59
464	..do...	W. E. Womachs, Ogden.....	Creamery.....	2 43
465	..do...	W. J. Wilson, Ogden.....	..do.....	2 38
466	..do...	John Rueb, Fithian.....	..do.....	3 02
467	..do...	J. B. Skinner, Fithian.....	..do.....	4 00
468	..do...	Fred Elliott, Ogden.....	..do.....	2 27
469	..do...	James Freeman, Fithian.....	..do.....	2 57
470	..do...	Harvey Ray, Homer.....	..do.....	1 65
471	..do...	E. P. Ott, Ogden.....	..do.....	2 54
472	..do...	J. H. Umbanhowar, Homer.....	..do.....	3 48
473	..do...	J. D. Pulliam, Rumples.....	..do.....	3 48
474	..do...	C. B. Kelley, Paxton.....	..do.....	2 24
475	..do...	D. S. Herriott, Mahomet.....	..do.....	3 80
476	..do...	Van Carter, Homer.....	..do.....	4 00
477	..do...	C. C. Rayburn, Bondville.....	..do.....	2 51
478	..do...	C. A. Fogel, Mahomet.....	..do.....	2 62
479	..do...	G. W. VanMeter, Savoy.....	..do.....	3 21
480	..do...	C. W. Pfeister, Bondville.....	..do.....	3 69
481	..do...	F. H. Busey, Savoy.....	..do.....	2 21
482	..do...	I. W. Maxwell, Urbana, R. F. D.....	..do.....	1 35
483	..do...	C. J. VonHoltzen, Champaign, R. F. D. No. 4.....	..do.....	3 38
484	..do...	E. J. Percival, Urbana, R. F. D.....	..do.....	2 16
485	..do...	E. V. Percival, Urbana, R. F. D.....	..do.....	3 51
486	July 14	Geo. Schiff.....	Dairy office.....	4 54
487	..do...	S. G. Richards, Muncie.....	Creamery.....	3 08
488	..do...	E. L. Martin, Homer.....	..do.....	4 00
489	..do...	D. S. Herriott, Mahomet.....	..do.....	3 64
490	..do...	John Rueb, Fithian.....	..do.....	3 05
491	..do...	Macy Bros., Fithian.....	..do.....	5 40
492	..do...	W. E. Heyer, Fisher.....	..do.....	3 69
493	..do...	J. D. Perham, Homer.....	..do.....	2 32
494	..do...	F. W. Howell, Homer.....	..do.....	6 49
495	..do...	W. H. Stevens, Urbana.....	..do.....	1 38
496	..do...	C. G. Plottner, Fithian.....	..do.....	4 19
497	..do...	A. E. Burwash, Savoy.....	..do.....	3 89
498	..do...	C. C. Ross, Savoy.....	..do.....	2 89
499	..do...	T. F. Jordan, Savoy.....	..do.....	71 34
500	..do...	B. Jordan, Savoy.....	..do.....	4 50
501	..do...	W. H. Gray, Urbana, R. F. D.....	..do.....	2 05
502	..do...	W. W. Meyer, Urbana, R. F. D. No. 12.....	..do.....	2 15
503	July 15	Chas. M. Webber, Post Master.....	Money advanced for postage on University of Illinois bulletins.....	50 00
504	..do...	Commercial Telephone & Telegraph Co.....	Telephone and telegraph.....	9 70
505	..do...	L. M. Bauer, Manager, The Architectural Club.....	1914 Architectural Year Books.....	200 00
506	..do...	Stoltey's Garage.....	Livery.....	6 00
507	..do...	The Nation.....	Advertising.....	12 60
508	..do...	H. E. Cunningham.....	Traveling expenses.....	15 64
509	..do...	Electric Coal Co.....	Coal.....	344 16
510	..do...	O. E. Staples, Bursar.....	Sundry bills.....	39 04
511	..do...	O. E. Staples, Bursar.....	Rebates to students.....	31 00
512	..do...	Illinois Central R. R. Co.....	Freight.....	16 85
513	..do...	Illinois Traction System.....	..do.....	1 34
514	..do...	C. C., C. & St. L. Ry. Co.....	..do.....	10 06
515	..do...	C. C., C. & St. L. Ry. Co.....	..do.....	67 52

## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1914			
516	July 15	The Wabash R. R.	Freight.	\$ 31 55
517	do.	O. E. Staples, Bursar.	Express.	60 06
518	do.	E. A. Smith.	Dairy office.	1 89
519	do.	James Hammack.	do.	1 46
520	do.	E. Grove.	do.	3 73
521	do.	Lou Creiger.	do.	4 40
522	do.	R. S. McInnes.	do.	1 59
523	do.	M. Hudson.	do.	2 19
524	do.	A. R. Grindley.	do.	4 42
525	do.	David Wilkins.	do.	2 48
526	do.	F. H. Busey, Savoy.	Creamery.	2 65
527	do.	G. W. VanMeter, Savoy.	do.	4 08
528	do.	E. W. Smalley, Savoy.	do.	1 67
529	do.	L. F. Bialeschski, Pesotum.	do.	3 05
530	do.	F. Watson, Muncie.	do.	3 27
531	do.	Lon Libka, Homer.	do.	3 94
532	do.	W. J. Wilson, Ogden.	do.	1 86
533	do.	Z. Alsip, Ogden.	do.	2 97
534	do.	L. J. Wienke, Homer.	do.	1 78
535	do.	Van Carter, Homer.	do.	4 00
536	do.	Frank Stadden, Homer.	do.	4 24
537	do.	J. A. R. Koch, Mayview.	do.	5 02
538	do.	J. B. Marsh, Ogden.	do.	4 51
540	do.	F. W. Howell, Homer.	do.	2 48
541	do.	Nicholas Hahn, Ogden.	do.	4 46
542	do.	W. D. Rohl, Homer.	do.	8 02
543	do.	C. E. Smoot, Fithian.	do.	3 62
543	do.	John Ingelman, Rantoul.	Creamery.	4 48
544	do.	J. W. Rayburn, Bondville.	do.	2 08
545	do.	C. C. Rayburn, Bondville.	do.	2 32
546	do.	W. C. Welch, Urbana, R. F. D.	do.	2 75
547	do.	E. J. Percival, Urbana, R. F. D.	do.	3 45
548	do.	J. W. Wilsey, Urbana, R. F. D.	do.	3 05
549	July 16	Alphonse Picard & Son.	Books.	3 08
550	do.	Ermanne Loscher & Co.	do.	19 88
551	do.	Luigi Lubrano.	do.	4 40
552	do.	Lowe Bros.	do.	1 05
553	do.	Pio Luzzietti.	do.	8 30
554	do.	Libero Merlino.	do.	6 00
555	do.	Herbier Boissier.	do.	97 84
556	do.	Libreria Antiquaria Samonati.	do.	23 90
557	do.	C. D. Cazenove & Son.	do.	3 85
558	do.	Gustav Fock.	do.	128 14
559	do.	Museum Book Store.	do.	443 50
560	do.	Edward Beyer.	do.	235 45
561	do.	Edward G. Allen & Son, Ltd.	do.	249 24
562	do.	Bertronn Dobell.	do.	22 57
563	do.	Pablo Schneider.	do.	1 20
564	do.	Catala Bros.	do.	32 86
565	do.	Georges Rapilly.	do.	6 92
566	do.	Henry Stevens Son & Stiles.	do.	37 02
567	do.	Bernard Quaritch.	do.	1 47
568	do.	Mayer & Muller.	do.	37 78
569	do.	J. Schweitzer Sortiment (Arthur Sellier).	do.	162 00
570	do.	Henry Sotheran & Co.	do.	72 36
571	do.	Karl W. Hiersemann.	do.	67 18
572	do.	Otto Harrassowitz.	do.	57 81
573	do.	Oswald Weigel.	do.	58 30
574	do.	Joseph Baer & Co.	do.	227 21
575	do.	J. Terquem.	do.	50 38
576	do.	Ernst Hertzberg & Sons.	do.	263 80
577	do.	Dr. D. S. Blondheim.	Cablegram to University of Illinois	
			Library.	2 33
578	do.	Neue Photographische Gesellschaft.	Museum specimens.	1 62
579	do.	Frank Hamachek.	Claim against College of Agriculture for farm machinery.	50 00
580	do.	T. G. Ratcliff.	Services of Editorial Board of Summer Illini.	12 00
581	do.	Illinois Central R. R. Co.	Freight.	15 26
582	do.	C., C. & St. L. Ry. Co.	do.	18 89
583	do.	E. J. Reece.	Salary, first half Summer Session, 1914.	87 50
584	do.	Ethel Bond.	do.	87 50
585	do.	Margaret L. Williams.	do.	42 50
586	July 17	E. Bartholomew.	Books.	7 60
587	do.	D. H. Lloyd.	Laboratory supplies and ledgers.	9 35



## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1914			
588	July 17	C. A. Denman	Repairs, labor and material	\$116 18
589	do.	J. D. White, clerk of University Station	Envelopes	42 72
590	do.	V. V. Phelps	Expenses of Miss Carrie Denise	1 00
591	do.	Postal Telegraph & Cable Co.	Telephone and telegraph	7 79
592	do.	John McCullough	Dairy office	12 40
593	do.	Robt. Graham	do	7 10
594	do.	John Weiss	do	7 98
595	do.	J. E. Henderson	do	1 72
596	do.	E. F. Lyons	do	1 39
597	do.	John Ridgeley, Monticello	Creamery	3 14
598	do.	J. C. Woodin, Ogden	do	1 60
599	do.	Robt. Childers, Ogden	do	2 32
600	do.	W. E. Womachs, Ogden	do	4 14
601	do.	Ed. Householder, Fithian	do	4 00
602	do.	T. F. Jordan, Savoy	do	4 45
603	do.	C. Ross, Savoy	do	1 43
604	do.	B. Jordan, Savoy	do	3 08
605	do.	E. L. Price, Muncie	do	2 76
606	do.	Wm. Lelschner, Milmine	do	5 10
607	do.	J. J. Cender, Ffosland	do	4 16
608	do.	O. A. Foster, Fisher	do	2 77
609	do.	J. A. Daeger, Savoy	do	3 02
610	do.	Andrew Shields, Dewey	do	4 31
611	do.	W. A. Ashworth, Humboldt	do	3 17
612	do.	Herman Denhort, Ogden	do	3 19
613	do.	S. Atkinson, Urbana, R. F. D.	do	2 32
614	do.	W. H. Gray, Urbana, R. F. D.	do	2 07
615	do.	T. N. Burwash, Champaign, West University Avenue	do	1 67
616	July 18	Metta M. Loomis	Traveling expenses	78 30
617	July 17	J. Hammack	Dairy office	1 46
618	do.	E. Grove	do	2 35
619	do.	Lou Creiger	do	3 33
620	do.	T. P. Lyons	do	1 65
621	do.	David Wilkins	do	1 23
622	do.	E. P. Dunn	do	3 84
623	do.	Coon Bros., Rantoul	Creamery	4 06
624	do.	J. D. Pulliam, Fithian	do	3 95
625	do.	John Rueb, Fithian	do	2 66
626	do.	W. J. Wilson, Ogden	do	1 79
627	do.	E. Elliott, Ogden	do	2 58
628	do.	H. Cherry, Ogden	do	2 80
629	do.	S. G. Richard, Muncie	do	2 24
630	do.	W. W. Wright, Mahomet	do	3 50
631	do.	D. S. Harriott, Mahomet	do	4 24
632	do.	H. F. Ridgeley, Cerro Gordo	do	1 57
633	do.	Jas. Freeman, Fithian	do	2 35
634	do.	C. W. Pfeister, Bondville	do	3 33
635	do.	W. E. Meyer, Fisher	do	2 97
636	do.	R. S. McNeith, Mahomet	do	3 00
637	do.	C. A. Fogel, Mahomet	do	2 94
638	do.	I. W. Maxwell, Urbana, R. F. D.	do	1 74
639	do.	John W. Willsey, Urbana, R. F. D. No. 10	do	3 50
640	July 21	G. E. Stechert & Co.	Books and binding	16 05
641	do.	Illinois Central R. R. Co.	Freight	120 99
642	do.	The Wabash R. R.	do	81 57
643	do.	C., C., & St. L. Ry. Co.	do	55 01
644	do.	O. E. Staples, Bursar	Express bills paid	30 31
645	do.	O. E. Staples, Bursar	Sundry bills paid	48 74
646	do.	O. E. Staples, Bursar	Rebates to students	41 00
647	do.	Pantagraph Printing & Stationery Co.	Printing	1 95
648	do.	C. M. Webber, Postmaster	Postage	5 00
649	do.	Florence E. Watson	Traveling expenses	47 84
650	do.	W. C. Sigerson	Wages, June 22-July 21, 1914	70 00
651	do.	The Carson, Payson Co.	Labor and materials	30 75
652	do.	John G. Imboden	Lecture and services	20 00
653	do.	John Clay	do	30 00
654	do.	O. E. Meenach	Vegetables	1 89
655	do.	K. J. Seulke	Traveling expenses	21 60
656	do.	Champaign Steam Laundry	Laundry	33 11
657	do.	F. E. Becker & Co.	Laboratory apparatus	91 42
658	do.	Steel and Lawson	Rubber tubing	37 56
659	July 20	H. I. Nelson	Dairy office	1 61
660	do.	A. R. Grindley	do	5 29
661	do.	W. H. Gray, Urbana	Creamery	2 10
662	do.	D. S. Harriott, Mahomet	do	3 67
663	do.	F. Knox, Mahomet	do	4 12
664	do.	E. W. Smalley, Savoy	do	2 62

## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
<b>1914</b>				
665	July 20	Guy Hobick, Fithian.	Creamery.	\$ 4 17
666	..do..	A. Ekblaw, Rantoul.	..do.	4 76
667	..do..	Harvey Ray, Homer.	..do.	1 06
668	..do..	E. G. Patterson, Muncie.	..do.	3 98
669	..do..	B. Jordan, Savoy.	..do.	3 81
670	..do..	T. F. Jordan, Savoy.	..do.	6 38
671	..do..	C. C. Ross, Savoy.	..do.	3 11
672	..do..	C. A. Fogel, Mahomet.	..do.	3 00
673	..do..	G. W. Van Meter, Savoy.	..do.	5 40
674	..do..	S. T. Carter, Mahomet.	..do.	3 64
675	July 22	Western Union Telegraph Co.	Service.	26 12
676	..do..	Bausch & Lomb Optical Co.	Laboratory supplies.	9 53
677	..do..	Königliche Bernsteinverke.	Books.	25 56
678	..do..	The Wistar Institute of Anatomy and Bi- ology.	Pamphlets.	11 44
679	..do..	O. E. Staples, Bursar.	Student pay roll.	29 87
680	..do..	O. E. Staples, Bursar.	Express bills.	35 77
681	..do..	Receivers, Central Union Telephone Co.	Service.	156 00
682	..do..	Effie L. Power.	Teaching.	58 44
683	..do..	A. F. Gustafson.	Traveling expenses.	17 40
684	..do..	F. A. Fisher.	..do.	50 64
685	..do..	R. W. Dickenson.	..do.	46 30
686	..do..	C. A. Campbell.	..do.	49 35
687	..do..	J. T. Newsome.	..do.	52 30
688	..do..	F. W. Gault.	..do.	26 69
689	..do..	A. W. Jamison.	..do.	8 00
690	..do..	National Engraving Co.	Half-tones.	17 50
691	..do..	Emerson-Brantingham Implement Co.	Mower.	40 00
692	..do..	W. R. Bradley & Co.	Supplies.	25 50
693	..do..	R. H. Links.	Teaching.	8 00
694	..do..	Receivers, Central Union Telephone Co.	Service.	44 85
695	July 23	James Hammack.	Dairy office.	1 02
696	..do..	O. A. McInnes.	..do.	1 31
697	..do..	R. S. McInnes.	..do.	2 31
698	..do..	C. C. Gordon.	..do.	1 16
699	..do..	Geo. Schiff.	..do.	4 01
700	..do..	David Wilkins.	..do.	3 02
701	..do..	E. Grove.	..do.	4 29
702	..do..	Lou Creiger.	..do.	3 28
703	..do..	M. Hudson.	..do.	2 38
704	..do..	L. F. Bialeschaki, Pesotum.	Creamery.	3 38
705	..do..	J. H. Umbanhowar, Homer.	..do.	4 18
706	..do..	J. D. Pulliam, Fithian.	..do.	3 39
707	..do..	W. E. Mount, Homer.	..do.	3 83
708	..do..	Van Carter, Homer.	..do.	4 29
709	..do..	John Rueb, Fithian.	..do.	3 25
710	..do..	F. W. Howell, Homer.	..do.	4 03
711	..do..	W. J. Wilson, Ogden.	..do.	2 96
712	..do..	J. A. R. Koch, Mayview.	..do.	5 95
713	..do..	J. B. Skinner, Fithian.	..do.	3 92
714	..do..	Nicholas Hahn, Ogden.	..do.	5 57
715	..do..	W. D. Rohl, Homer.	..do.	9 16
716	..do..	Frank Stadden, Homer.	..do.	5 80
717	..do..	C. G. Plotner, Fithian.	..do.	4 41
718	..do..	W. J. Kelley, Loda.	..do.	3 46
719	..do..	J. W. Rayburn, Bondville.	..do.	2 58
720	..do..	C. C. Rayburn, Bondville.	..do.	4 38
721	..do..	W. C. Welch, Urbana, R. F. D.	..do.	2 96
722	..do..	E. A. Smith, Urbana, R. F. D.	..do.	1 25
723	..do..	E. J. Percival, Urbana, R. F. D.	..do.	3 89
724	July 24	C. A. Denman.	Labor and materials.	36 02
725	..do..	F. A. Pearson.	Traveling expenses.	11 05
726	..do..	J. M. White.	..do.	25 26
727	..do..	Librairie A. Picard.	Books.	105 75
728	..do..	A. K. Chittenden.	Salary, Aug. 1, 1914.	26 44
729	..do..	C. L. Stewart.	Traveling fellowship.	75 00
730	..do..	Irving-Pitt Mfg. Co.	Supplies.	7 54
731	..do..	The Cleveland Twist Drill Co.	..do.	11 44
732	..do..	Schermerhorn Brothers Co.	Mops.	35 28
733	..do..	Central Supply Co.	Supplies.	20 32
734	..do..	Central Electric Co.	..do.	30 05
735	..do..	Geo. B. Carpenter Co.	..do.	6 38
736	..do..	Western Union Telegraph Co.	Synchronizing service.	15 00
737	..do..	C. G. Palmer.	Services.	21 40
738	..do..	O. E. Staples, Bursar.	Student labor.	18 18
739	..do..	E. W. Bailey.	Expenses.	7 40
740	..do..	S. V. Holt.	..do.	56 00
741	..do..	H. C. Wheeler.	..do.	56 98

## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1914			
742	July 24	F. W. Wascher	Expenses	\$58 59
743	do.	C. C. Logan	do.	9 40
744	do.	H. C. Gilkerson	do.	45 91
745	do.	H. J. Snider	do.	34 43
746	do.	J. E. Whitchurch	do.	64 62
747	do.	E. E. Hoskins	do.	60 86
748	do.	A. F. Heck	do.	14 18
749	do.	O. M. McGhee	do.	12 57
750	do.	Harrison Fahrnkopf	do.	16 03
751	do.	C. A. Hughes	do.	13 81
752	do.	Mrs. Ellen M. Henrotin	do.	27 21
753	do.	Mary E. Busey	do.	12 89
754	do.	Florence Keller	Wages, July, 1914	60 00
755	do.	R. P. Brown	Wages, June 26-July 24	44 45
756	July 25	Anna May Price	Lectures	20 00
757	do.	Dultz & Co.	Books	12 22
758	do.	B. T. English	Wages, July, 1914	60 00
759	do.	H. D. Brown	do.	70 00
760	do.	O. E. Staples, Bursar	Student labor	1 80
761	do.	O. E. Staples, Bursar	Temporary labor	32 25
762	do.	R. T. Stull	Expenses	48 77
763	do.	C. W. Phillis	Hauling	6 50
764	do.	Chicago Produce Co.	Subscription	5 00
765	do.	W. D. Allen Mfg Co.	Supplies	2 52
766	do.	Stafford Engraving Co.	do.	2 63
767	July 27	E. F. Lyons	Dairy office	2 09
768	do.	T. H. Palmer	do.	3 92
769	do.	J. E. Henderson	do.	1 58
770	do.	E. L. Martin, Homer	Creamery	2 42
771	do.	James Freeman, Fithian	do.	2 15
772	do.	Wm. Lelschner, Milmine	do.	4 70
773	do.	Ed. Householder, Fithian	do.	3 89
774	do.	E. P. Ott, Ogden	do.	1 94
775	do.	W. L. Davids, Fisher	do.	4 47
776	do.	F. Watson, Muncie	do.	3 31
777	do.	W. H. Stevens, Urbana	do.	1 21
778	do.	B. Jordan, Savoy	do.	2 52
779	do.	C. C. Ross, Savoy	do.	1 54
780	do.	T. F. Jordan, Savoy	do.	4 73
781	do.	T. P. Lyons	Dairy office	2 03
782	do.	E. V. Percival	do.	3 25
783	do.	Lou Creiger	do.	2 73
784	do.	E. Grove	do.	2 73
785	do.	P. P. Dunn	do.	2 61
786	do.	J. C. Woodin, Ogden	Creamery	1 25
787	do.	Macy Bros., Fithian	do.	5 89
788	do.	Louie Wienke, Homer	do.	3 10
789	do.	J. H. Umbanhowar, Homer	do.	4 18
790	do.	John Rueb, Fithian	do.	4 23
791	do.	D. S. Herriott, Mahomet	do.	3 83
792	do.	John Ridgeley, Monticello	do.	2 73
793	do.	R. Childers, Ogden	do.	2 15
794	do.	S. G. Richards, Muncie	do.	1 77
795	do.	Z. Alsip, Ogden	do.	3 10
796	do.	J. B. Marsh, Ogden	do.	3 71
797	do.	Andrew Ekblaw, Rantoul	do.	4 76
798	do.	W. E. Womachs, Ogden	do.	3 05
799	do.	John Ingelman, Rantoul	do.	4 90
800	do.	Andrew Shields, Dewey	do.	4 76
801	do.	C. W. Pfeister, Bondville	do.	2 47
802	do.	C. W. Van Meter, Savoy	do.	3 86
803	do.	C. A. Fogel, Mahomet	do.	1 71
804	do.	C. J. VonHoltzen, Champaign, R. F. D. 4	do.	3 67
805	do.	I. W. Maxwell, Urbana, R. F. D.	do.	1 33
806	do.	W. H. Gray, Urbana, R. F. D.	do.	2 32
807	July 28	Richmond Bros., Waterman	do.	5 67
808	do.	Frank Szerlong, Camp Point	do.	2 42
809	do.	Wm. Englebrecht, Mt. Carroll	do.	5 67
810	do.	Freeport Creamery Co., Freeport	do.	8 14
811	do.	A. J. Spohn, Morrison	do.	8 91
812	do.	M. L. Musselman, Lanark	do.	5 22
813	do.	J. A. Shake, Amboy	do.	5 09
814	do.	Alexis Creamery Co., Alexis	do.	2 70
815	do.	A. J. Bragger, Troy Center, Wis.	do.	6 75
816	do.	Geo. Schiff	Dairy office	3 80
817	do.	H. I. Nelson	do.	1 68
818	do.	A. R. Grindley	do.	5 31
819	do.	F. Knox, Mahomet	Creamery	4 27

## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1914			
820	July 28	John Rueb, Fithian	Creamery	\$ 3 07
821	do.	C. C. Ross, Savoy	do	1 22
822	do.	B. Jordan, Savoy	do	2 55
823	do.	T. F. Jordan, Savoy	do	6 41
824	do.	J. S. Reimund, Urbana	do	3 80
825	do.	E. W. Smalley, Savoy	do	1 79
826	do.	W. W. Wright, Mahomet	do	2 92
827	do.	F. W. Howell, Homer	do	2 35
828	do.	E. J. Reese	Salary, second half of Summer Session, 1914	87 50
829	do.	Ethel Bond	do	87 50
830	do.	Margaret L. Williams	do	42 50
831	do.	James Hendry	Services	25 00
832	do.	O. E. Staples, Bursar	Student clerical assistants	13 63
833	do.	E. L. McKenna	Wages, July, 1914	23 80
834	do.	James M. White	Expenses	7 82
835	do.	A. F. Heck	do	17 81
836	do.	S. V. Hoyt	do	73 95
837	do.	Ida Luther	Wages, July, 1914	21 50
838	do.	Geo. B. Carpenter & Co.	Supplies	25 14
839	do.	J. R. Richards	Expenses	8 10
840	do.	Sidney Casner	do	1 50
841	do.	J. H. Checkley	do	2 38
842	do.	W. A. Ruth	do	7 05
843	do.	F. A. Fisher	do	59 11
844	do.	C. C. Logan	do	33 18
845	do.	C. A. Campbell	do	40 84
846	do.	W. J. Carmichael	do	9 50
847	do.	Adolf Weigel	Views of University of Illinois	8 50
848	do.	Illinois Traction Co.	Freight	2 54
849	do.	The C., C. & St. L. Co., Champaign	do	4 00
850	do.	Illinois Central R. R. Co.	do	70 25
851	do.	O. E. Staples, Bursar	Express	55 45
852	do.	O. E. Staples, Bursar	Rebates to students	27 00
853	do.	O. E. Staples, Bursar	Sundry bills	16 29
854	do.	O. E. Staples, Bursar	Student clerical assistants	52 19
855	do.	O. E. Staples, Bursar	Student labor	32 30
856	do.	The Wabash R. R.	Freight	20 35
857	do.	The C., C. & St. L. Ry. Co., Urbana	do	80 06
858	do.	Illinois Traction System, Urbana	do	36 94
859	July 30	M. Hudson	Dairy office	2 26
860	do.	R. S. McInnes	do	2 12
861	do.	David Wilkins	do	3 68
862	do.	E. Grove	do	3 48
863	do.	Lou Creiger	do	3 48
864	do.	C. A. Fogel, Mahomet	Creamery	2 50
865	do.	Van Carter, Homer	do	4 06
866	do.	W. M. Van Buskirk, Fithian	do	2 06
867	do.	F. W. Howell, Homer	do	2 87
868	do.	W. E. Satterfield, Homer	do	4 61
869	do.	F. Watson, Muncie	do	3 34
870	do.	Frank Stadden, Homer	do	6 26
871	do.	L. F. Bialeschski, Pesotum	do	2 87
872	do.	Bert Barber, Mahomet	do	4 79
873	do.	S. T. Carter, Seymour	do	3 63
874	do.	W. D. Rohl, Homer	do	9 08
875	do.	J. A. R. Koch, Mayview	do	5 37
876	do.	Nicholas Hahn, Ogden	do	5 01
877	do.	J. D. Perham, Homer	do	2 90
878	do.	J. D. Pulliam, Fithian	do	3 68
879	do.	W. J. Wilson, Ogden	do	3 02
880	do.	Harvey Ray, Homer	do	1 54
881	do.	Herman Denhart, Ogden	do	3 28
882	do.	Harry Allison, Homer	do	4 90
883	do.	G. W. Van Meter, Savoy	do	4 18
884	do.	J. W. Rayburn, Bondville	do	2 10
885	do.	E. A. Smith, Urbana, R. F. D.	do	1 19
886	do.	W. C. Welch, Urbana, R. F. D.	do	2 58
887	do.	Alexander Lumber Co.	Supplies	98 34
888	do.	The Wabash R. R.	Freight	7 09
889	do.	Illinois Traction System, Urbana	do	1 22
890	do.	Illinois Traction System, Urbana	Demurrage	76 00
891	do.	Pantagraph Printing & Stationery Co.	Printing, etc.	380 13
892	do.	Review Printing & Stationery Co.	Printing	199 43
893	do.	Hillcrest Fruit Farm	Service	8 50
894	do.	J. D. White, clerk of station	Postage	325 00
895	do.	D. H. Lloyd	Clips	2 50
896	do.	W. H. Smith	Expenses	13 09

## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
<b>1914</b>				
897	July 30	Fred Bockelman	Expenses	\$ 17 29
898	do.	O. M. McGhee	do	8 63
899	do.	Harrison Fahrnkopf	do	23 78
900	do.	H. J. Snider	do	35 24
901	do.	G. W. Medley	do	21 20
902	do.	Nellie Roberts	Wages, July, 1914	65 00
903	do.	Fannie Hill	do	65 00
904	do.	Anna Ross	do	22 22
905	do.	Grace Vanderberg	do	50 00
906	do.	A. R. Lee	Balance of salary, May 15, to June 30, 1914	12 50
907	do.	Russell Castle	Wages, July, 1914	43 25
908	do.	Anna Crackie	do	48 75
909	do.	A. F. Hakanson	do	60 00
910	do.	The C., C. & St. L. Ry. Co., Urbana	Freight	3 69
911	do.	The Chester Transfer Co.	Service	3 00
912	July 31	C. M. McConn	Traveling expenses	8 50
913	do.	J. H. Kaplan	Salary for July, 1914	100 00
914	do.	Earl Math	Traveling expenses	13 62
915	do.	Chicago Towel Co.	Laundry	41 29
916	do.	The Peoples Gas Light & Coke Co.	Gas dental	13 28
917	do.	Western Union Telegraph Co.	Telephone and telegraph	47 76
918	do.	J. E. Henderson	Dairy office	2 04
919	do.	Ed. Householder, Fithian	Creamery	4 52
920	do.	John Rueb, Fithian	do	2 90
921	do.	Wm. Leischner, Milmine	do	4 06
922	do.	T. F. Jordan, Savoy	do	5 83
923	do.	C. Ross, Savoy	do	2 93
924	do.	B. Jordan, Savoy	do	2 93
925	do.	Guy Hobick, Fithian	do	5 19
926	do.	Andrew Shields, Dewey	do	4 70
927	do.	Andrew Ekblaw, Rantoul	do	3 85
928	do.	J. J. Cender, Dickerson	do	4 23
929	do.	E. L. Martin, Homer	do	2 29
930	do.	I. W. Maxwell, Urbana, R. F. D.	do	2 49
931	do.	W. H. Gray, Urbana, R. F. D.	do	30 75
932	Aug. 1	R. W. Gauger	Wages	
933	do.	V. V. Phelps	Salary from Mar. 1, to June 30, 1914	66 64
934	do.	C. R. Nickolls	Wages	68 60
935	do.	Olga Thal	do	20 15
936	do.	Grace Gay	do	17 60
937	do.	Nellie McVey	do	19 95
938	do.	Ina Meredith	do	43 69
939	do.	LeVerne Meredith	do	18 45
940	do.	Viola E. Wolfe	do	19 30
941	do.	Floyd E. Britton	do	30 00
942	do.	Nelle U. Branch	do	32 50
943	do.	Elizabeth Hester	do	55 00
944	do.	Grace Barnes	do	38 42
945	do.	Elizabeth H. Davis	do	38 42
946	do.	Glen Christy	do	36 68
947	do.	Whitman Davis	do	50 00
948	do.	Nelle M. Signor	do	51 25
949	do.	Sophie Rogers	do	10 40
950	do.	Ruth Davidson	do	10 50
951	do.	Elizabeth Dunn	do	17 40
952	do.	Edna Millizen	do	16 40
953	do.	Elizabeth Kirk	do	19 80
954	do.	J. K. Prim	do	31 60
955	do.	C. M. Lindsley	do	13 00
956	do.	Earle U. Rugg	do	37 80
957	do.	W. R. Morrison	do	20 00
958	do.	F. B. Richardson	do	46 80
959	do.	A. Bagusin	do	16 00
960	do.	C. S. Fernandes	do	43 00
961	do.	A. H. Lenz	do	14 80
962	do.	Pauline Osborne	do	31 00
963	do.	Amy Henshaw	do	24 00
964	do.	A. P. Brown	do	16 75
965	do.	C. P. Barkman	do	20 80
966	do.	Gordon Klein	do	36 20
967	do.	F. C. Hare	do	41 50
968	do.	P. M. Gunnell	do	55 00
969	do.	R. H. Linkins	do	13 60
970	do.	Esther Hurst	do	7 60
971	Aug. 3	Henry B. Ward	Traveling expenses	5 80
972	do.	F. A. Aust	do	34 49

## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
<b>1914</b>				
973	Aug. 3	O. S. Watkins.	Orchard inspection.	\$ 23 98
974	do.	Alfred J. Gunderson.	Traveling expenses.	14 39
975	do.	William Trelease.	Laboratory supplies.	3 45
976	do.	A. F. Gustafson.	Traveling expenses.	24 56
977	do.	E. R. Green.	Experiment field work.	33 98
978	do.	O. S. Fisher.	Traveling expenses.	102 53
979	do.	Frank A. Pearson.	do.	16 20
980	do.	Frank Turner.	do.	7 74
981	do.	C. F. Goodman.	do.	56 30
982	do.	C. B. Johnson.	Lecture.	10 00
983	do.	F. C. Sharp.	Lectures.	90 00
984	do.	The Chester Transfer Co.	Sundries.	3 00
985	do.	H. W. Johns-Manville & Co.	Supplies.	19 96
986	do.	The Peoples Gas Light & Coke Co.	Gas.	12 48
987	do.	Mrs. D. T. Dobbins.	Foodstuffs.	88
988	do.	Pantagraph Printing & Stationery Co.	Publications.	42 04
989	do.	The Engr. Magazine.	Incidentals.	1 99
990	do.	The Russell & Co.	Machinery repairs.	26 49
991	do.	Flanigan-Pearson Co.	Publications.	45 00
992	do.	Florence E. Watson.	Traveling expenses.	39 30
993	do.	P. P. Dunn.	Dairy office.	2 99
994	do.	T. P. Lyons.	do.	2 68
995	do.	Robt. Graham.	do.	8 55
996	do.	John McCullough.	do.	13 99
997	do.	John Weiss.	do.	8 82
998	do.	Frank Elliott, Ogden.	Creamery.	2 58
999	do.	W. E. Yount, Homer.	do.	3 42
1000	do.	W. D. Rohl, Homer.	do.	4 99
1001	do.	J. B. Skinner, Fithian.	do.	3 48
1002	do.	W. E. Womachs, Ogden.	do.	2 93
1003	do.	J. H. Umbanhowar, Homer.	do.	3 77
1004	do.	D. S. Herriott, Mahomet.	do.	6 14
1005	do.	J. C. Woodin, Fithian.	do.	1 19
1006	do.	J. A. R. Koch, Mayview.	do.	5 48
1007	do.	Van Carter, Homer.	do.	4 41
1008	do.	S. G. Richards, Muncie.	do.	2 84
1009	do.	Frank Alsip, Ogden.	do.	1 25
1010	do.	C. A. Fogel, Mahomet.	do.	2 06
1011	do.	G. W. Van Meter, Savoy.	do.	2 93
1012	do.	C. W. Pfeister, Bondville.	do.	2 23
1013	do.	J. C. Shrock, Fisher.	do.	1 67
1014	do.	E. L. Martin, Homer.	do.	4 91
1015	do.	S. Atchison, Urbana, R. F. D.	do.	80 00
1016	do.	A. O. Magnuson.	Manager of blue print department	22 00
1017	do.	Ida Luther.	Wages.	43 20
1018	do.	Leigh Hunt.	do.	27 20
1019	do.	Frank C. Wilson.	do.	2 38
1020	do.	J. F. Wright.	do.	
1021	do.	Dr. T. J. Burrill.	Wages advanced on account of Gregory Memorial.	44 00
1022	do.	Mollie B. Frazier.	do.	50 00
1023	do.	Ora B. Castle.	do.	50 00
1024	do.	W. M. Taylor.	do.	50 00
1025	do.	E. A. Doisy.	do.	49 34
1026	do.	Harry Mohlman.	do.	34 80
1027	do.	Lucy Lowe.	do.	48 75
1028	do.	Nora Johanning.	do.	22 95
1029	do.	A. P. Holt.	do.	23 00
1030	do.	L. T. Lyman.	do.	18 75
1031	do.	E. W. Mattoon.	do.	27 00
1032	do.	D. J. Campbell.	do.	51 40
1033	do.	S. R. Farah.	do.	49 40
1034	do.	L. T. Lyman.	do.	33 60
1035	do.	Grace Dallenbach.	do.	3 23
1036	do.	Agnes McMullen.	do.	3 81
1037	do.	Maybell Dallenbach.	do.	3 14
1038	do.	C. C. Castillo.	do.	2 50
1039	do.	R. W. Hess.	do.	71 00
1040	do.	J. W. Howard.	do.	60 00
1041	do.	W. E. Joseph.	Traveling expenses.	11 54
1042	do.	J. R. Wells.	do.	6 67
1043	do.	Fred J. Blackburn.	do.	24 00
1044	Aug. 4	L. C. Bernard.	Wages, August, 1914.	36 40
1045	do.	R. D. Barnes.	do.	32 89
1046	do.	W. H. Boyer.	do.	82 40
1047	do.	H. S. Johnson.	do.	36 60
1048	do.	G. W. Meyer.	do.	83 70
1049	do.	M. W. Watson.	do.	61 50

## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
1050	Aug. 4 1914	R. T. Jones.	Wages, August, 1914.	\$100 00
1051	do.	J. L. Simovich.	do.	41 70
1052	do.	Helen Small.	do.	15 20
1053	do.	Wm. Templin.	do.	87 75
1054	do.	A. Glaive.	do.	80 80
1055	do.	S. A. Shaw.	do.	93 60
1056	do.	James Casad.	do.	120 00
1057	do.	C. L. Mendenhall.	do.	50 00
1058	do.	W. J. Cassidy.	do.	38 00
1059	do.	P. O. Moore.	do.	48 00
1060	do.	R. A. Palfreyman.	do.	52 00
1061	do.	Roy B. Lanham.	do.	47 00
1062	do.	J. C. Snider.	do.	54 60
1063	do.	Ben L. Reed.	do.	57 20
1064	do.	A. U. Moran.	do.	72 50
1065	do.	Jas. Irvine.	do.	58 07
1066	do.	F. M. Irvine.	do.	73 70
1067	do.	W. G. Hixon.	do.	52 00
1068	do.	Sam Hanson.	do.	67 50
1069	do.	Ed Hargan.	do.	69 20
1070	do.	Frank Fogarty.	do.	54 60
1071	do.	Wm. Fogarty.	do.	54 00
1072	do.	F. Grathorne.	do.	87 15
1073	do.	A. Langhoff.	do.	84 50
1074	do.	V. R. Barnes.	do.	90 80
1075	do.	M. C. Booker.	do.	52 40
1076	do.	A. J. Booker.	do.	91 60
1077	do.	J. C. Mascus.	do.	79 20
1078	do.	Chas. Hill.	do.	55 94
1079	do.	J. D. Craig.	do.	35 60
1080	do.	S. A. Porter.	do.	97 20
1081	do.	Marlin Sandwell.	do.	97 20
1082	do.	A. C. Speedie.	do.	33 60
1083	do.	Wesley Wilson.	do.	35 60
1084	do.	Amos Wright.	do.	30 00
1085	do.	J. H. Vandventer.	do.	33 60
1086	do.	C. A. Dumsch.	do.	33 60
1087	do.	I. B. Doll.	do.	88 30
1088	do.	A. Kesse.	do.	165 80
1089	do.	I. W. Frazier.	do.	165 80
1090	do.	A. L. Collins.	do.	72 00
1091	do.	L. F. Thilofson.	do.	36 00
1092	do.	A. F. F. Franklin.	do.	52 15
1093	do.	Roy Crawford.	do.	68 71
1094	do.	I. B. Hickey.	do.	35 20
1095	do.	Harry Higgins.	do.	49 75
1096	do.	Arthur Schurtz.	do.	85 15
1097	do.	I. H. Miller.	do.	36 45
1098	do.	Frank Clancy.	do.	110 45
1099	do.	John Brannigan.	do.	109 45
1100	do.	Jesse Meyers.	do.	81 60
1101	do.	A. Warbler.	do.	81 60
1102	do.	Frank E. Crump.	do.	61 64
1103	do.	Thos. J. Fay.	do.	84 80
1104	do.	E. C. Lewis.	do.	46 40
1105	do.	Frank Stalter.	do.	71 82
1106	do.	Thos. Long.	do.	72 38
1107	do.	Jos. Davis.	do.	85 70
1108	do.	I. A. J. Klien.	do.	71 61
1109	do.	Frank Cunningham.	do.	113 62
1110	do.	Sell Hamlin.	do.	149 00
1111	do.	W. J. Smith.	do.	109 06
1112	do.	Guy Fox.	do.	69 65
1113	do.	Chas. Grindlock.	do.	78 70
1114	do.	F. L. Lyrick.	do.	79 67
1115	do.	Fred Fender.	do.	81 90
1116	do.	Ed. Justus.	do.	56 25
1117	do.	Howard Dowling.	do.	108 00
1118	do.	J. R. Newton.	do.	87 20
1119	do.	Ed. Richards.	do.	104 16
1120	do.	John Oeduskey.	do.	81 84
1121	do.	Louis Fender.	do.	63 80
1122	do.	I. F. Long.	do.	78 86
1123	do.	A. J. McAlister.	do.	74 16
1124	do.	A. C. Wascher.	do.	54 30
1125	do.	A. Wm. Wilde.	do.	96 10
1126	do.	Geo. Boyer.	do.	85 80

## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
1128	Aug. 4 1914	Thos. Butler.	Wages, August, 1914.	\$ 46 23
1129	do.	Herman Fedttrich.	do.	58 60
1130	do.	T. E. Wells.	do.	56 40
1131	do.	Gilbert Robbins.	do.	56 20
1132	do.	Glaude Jenkins.	do.	53 10
1133	do.	E. Johns.	do.	42 00
1134	do.	Felix Fox.	do.	56 00
1135	do.	W. J. McBaden.	do.	56 80
1136	do.	Nick Peterson.	do.	55 80
1137	do.	J. F. Furks.	do.	59 84
1138	do.	H. L. Thompson.	do.	55 00
1139	do.	L. M. Stearns.	do.	65 10
1140	do.	O. T. Uterback.	do.	56 60
1141	do.	F. T. Walters.	do.	53 20
1142	do.	John Ascherman.	do.	51 00
1143	do.	Koy Tallock.	do.	49 80
1144	do.	C. M. Ollis.	do.	53 20
1145	do.	A. L. Johnson.	do.	53 00
1146	do.	Orino Walters.	do.	54 80
1147	do.	Wm. Quinn.	do.	50 80
1148	do.	K. Fegner.	do.	45 00
1149	do.	B. E. Crakel.	do.	31 00
1150	do.	J. E. Morgan.	do.	26 00
1151	do.	Dan Menneley.	do.	62 33
1152	do.	Tim Kenney.	do.	66 70
1153	do.	Otto Kreig.	do.	45 00
1154	do.	J. E. Browning.	do.	51 20
1155	do.	Koula S. Carlson.	do.	55 20
1156	do.	J. W. Cheever.	do.	54 00
1157	do.	B. W. English.	do.	60 05
1158	do.	C. J. Freeman.	do.	51 54
1159	do.	J. J. Fisks.	do.	51 41
1160	do.	V. S. Graybeal.	do.	59 00
1161	do.	D. S. Glenn.	do.	52 40
1162	do.	F. F. Hooper.	do.	60 94
1163	do.	F. T. Heitz.	do.	63 10
1164	do.	C. C. Johnson.	do.	63 06
1165	do.	C. P. Moore.	do.	33 80
1166	do.	D. T. Mott.	do.	56 28
1167	do.	Freest Mack.	do.	55 00
1168	do.	Joe McCullough.	do.	55 80
1169	do.	Basel Brown.	do.	63 64
1170	do.	D. M. Bullock.	do.	63 25
1171	do.	Ross Hutton.	do.	63 02
1172	do.	Fred Lanthoff.	do.	62 10
1173	do.	O. E. Meenach.	do.	69 00
1174	do.	H. H. Mahorney.	do.	89 00
1175	do.	A. Servis.	do.	70 84
1176	do.	Geo. Toy.	do.	67 39
1177	do.	Geo. Turner.	do.	62 33
1178	do.	Ed. Wharmy.	do.	69 92
1179	do.	Margaret Jones.	do.	45 90
1180	do.	Frances E. McClughen.	do.	45 90
1181	do.	Rebecca Morgan.	do.	45 39
1182	do.	Mary Ryan.	do.	45 05
1183	do.	W. M. Atwell.	do.	58 17
1184	do.	C. E. Artington.	do.	65 10
1185	do.	Harry Brown.	do.	60 06
1186	do.	J. E. Bailey.	do.	55 20
1187	do.	Flord E. Prewitt.	do.	50 03
1188	do.	Verna A. Manley.	do.	10 00
1189	do.	Ruthie Murphy.	do.	62 93
1190	do.	F. M. Perry.	do.	55 66
1191	do.	T. O. Handerson.	do.	106 78
1192	do.	Cevilla Carolhers.	do.	54 00
1193	do.	Paul Uterback.	do.	48 80
1194	do.	Ora Tickitt.	do.	27 70
1195	do.	Fred Hamner.	do.	18 38
1196	do.	John Hannah.	do.	49 60
1197	do.	Chit Saver.	do.	13 50
1198	do.	A. L. Sowers.	do.	48 00
1199	do.	Marton E. Sparks.	do.	21 00
1200	do.	U. S. Lewis.	do.	37 40
1201	do.	Thos. Lyons.	do.	41 40
1202	do.	W. W. Trimble.	do.	51 40
1203	do.			
1204	do.			
1205	do.			



## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
<b>1914</b>				
1206	Aug. 4	C. E. Mattoon	Wages, August, 1914	\$ 54 00
1207	do.	George Smalley	do	45 00
1208	do.	R. R. Danielson	do	60 00
1209	do.	M. C. Booze	do	24 90
1210	do.	J. A. Chase	do	16 55
1211	do.	F. J. Hoehn	do	19 40
1212	do.	S. C. Linder	do	51 45
1213	do.	T. N. McVay	do	24 50
1214	do.	K. S. Stice	do	27 55
1215	do.	R. R. Wagner	do	27 90
1216	do.	F. A. Kirkpatrick	do	18 00
1217	do.	V. A. Manley	do	31 20
1218	do.	Hiram Curl	do	17 00
1219	do.	A. Bevis	do	124 85
1220	do.	Ralph M. Parks	Wages	10 50
1221	do.	Zenner Disinfectant Co.	General supplies	12 25
1222	do.	L. R. Lang	Traveling expense	12 90
1223	do.	F. A. Pearson	do	16 36
1224	do.	W. A. Ruth	do	7 82
1225	do.	Pantagraph Printing & Stationery Co.	Publications	415 86
1226	do.	O. E. Staples, Bursar	Sundry bills	3 75
1227	do.	O. E. Staples, Bursar	Express bills	4 08
1228	do.	O. E. Staples, Bursar	Student labor	4 33
1229	do.	O. E. Staples, Bursar	General labor	15 00
1230	do.	O. E. Staples, Bursar	Express bills	10 90
1231	do.	O. E. Staples, Bursar	Sundry bills	46 00
1232	Aug. 5	O. E. Staples, Bursar	Checks drawn in payment of cream	57 98
1233	do.	Illinois State Reformatory	Publications	240 40
1234	do.	J. Horace McFarland Co.	do	832 00
1235	do.	Pantagraph Printing & Stationery Co.	do	59 11
1236	do.	V. V. Phelps	Balance of salary	16 66
1237	do.	O. E. Staples, Bursar	Bills	80 02
1238	do.	Laura B. Evans	Traveling expenses	60 47
1239	do.	Charles M. Webber	Postage	2 00
1240	do.	O. E. Staples	Dairy products	63 09
1241	Aug. 11	Pratt & Whitney Co.	Supplies furnished Mechanical Engineering department	1 08
1242	do.	Ernst Hertzberg & Son	Books	14 08
1243	do.	O. E. Staples, Bursar	Checks drawn in payment of cream	79 30
1244	do.	O. E. Staples, Bursar	do	59 33
1245	do.	O. E. Staples, Bursar	Rebates to students	18 00
1246	do.	O. E. Staples, Bursar	Express	40 64
1247	do.	Harry Soderberg	Wages, July, 1914	22 70
1248	do.	Yetta Scheffel	Research assistance, July, 1914	100 00
1249	Aug. 13	1915 Illio.	Two copies Illio	4 50
1250	do.	The Drake Hotel Co., Managers, Blackstone Hotel	Entertainment Board of Trustees, July 12.	28 25
1251	do.	O. E. Staples, Bursar	Rebates to students	46 00
1252	do.	O. E. Staples, Bursar	Checks drawn in payment of cream	79 92
1253	do.	O. E. Staples, Bursar	Sundry bills	23 35
1254	Aug. 14	Mrs. T. H. Guild	Salary of Prof. T. H. Guild, Aug., 1914	125 00
1255	do.	Illinois State Reformatory	Printing bulletins	10 40
1256	do.	Stoltey's Garage	Livery to Peoria and return, Aug. 1, 1914.	43 70
1257	do.	O. E. Staples, Bursar	Rebates to students	14 00
1258	do.	O. E. Staples, Bursar	Student labor	50 00
1259	do.	O. E. Staples, Bursar	Sundry bills	3 83
1260	do.	O. E. Staples, Bursar	Checks drawn in payment of cream	75 33
1261	do.	Florence E. Keller	Wages, August, 1914	15 00
1262	do.	Illinois Traction System	Freight	2 37
1263	do.	A. C. McClurg & Co.	Books	4 50
1264	do.	Ernst Hertzberg & Sons	do	117 38
1265	do.	P. S. Campbell	Printing pay roll blanks	16 50
1266	do.	The Cable Co.	Copies of "101 Best Songs"	10 50
1267	do.	Alfred L. Hall-Quest	Services in connection with survey	25 35
1268	do.	Illinois Engineering Co.	Vacuum valves	16 25
1269	do.	Martin Metz	Machine repairs	6 00
1270	do.	Stafford Engraving Co.	Etchings and half tones	57 94
1271	do.	Twin City Roofing Co.	Repair work	46 50
1272	Aug. 17	O. E. Staples, Bursar	Checks drawn in payment of cream	66 10
1273	Aug. 18	J. Friedenbergs & Co.	Freight	11 55

## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
<b>1914</b>				
1274	Aug. 18	The Letter Shop	Typewriting play	\$ 4 80
1275	..do..	Irving-Pitt Mfg. Co.	Ledger binder	6 96
1276	..do..	J. C. Gabel & Co.	Nickel plating valve	10 00
1277	..do..	Underwood Typewriter Co.	Platen	2 15
1278	..do..	American Express Co.	Freight	2 80
1279	..do..	C. G. MacArthur	Services as instructor Summer Session	100 00
1280	..do..	W. S. Miller	Services as secretary Summer Session	100 00
1281	..do..	Sumner W. Cushing	Lecture before students Summer Session	25 00
1282	..do..	O. E. Staples, Bursar	General labor	53 20
1283	..do..	O. E. Staples, Bursar	Checks drawn in payment of cream	84 77
1284	..do..	The Wabash Railroad	Freight	128 06
1285	..do..	Illinois Central Railroad Co.	..do..	9 67
1286	..do..	C. C. C. & St. L. Ry. Co.	..do..	55 35
1287	..do..	C. C. C. & St. L. Ry. Co.	..do..	6 75
1288	..do..	Illinois Traction System	..do..	60 36
1289	Aug. 20	O. E. Staples, Bursar	Checks drawn in payment of cream	96 57
1290	..do..	J. E. Morgan	Laboratory supplies	1 00
1291	..do..	James Boswell	Freight	2 16
1292	..do..	The Wabash Railroad	Freight	31 83
1293	Aug. 21	C. C. C. & St. Louis Ry. Co.	Freight	301 14
1294	..do..	Illinois Traction System	..do..	137 51
1295	..do..	C. C. C. & St. Louis Ry. Co.	..do..	4 00
1296	..do..	Walter S. Bailey	Repairing clock	1 60
1297	..do..	T. W. Dieckmann	Wages	85 00
1298	..do..	F. W. Gault	..do..	90 00
1299	..do..	O. M. McGhee	..do..	50 00
1300	..do..	J. C. Anderson	..do..	70 00
1301	..do..	C. S. Beaumont	..do..	52 50
1302	..do..	H. A. DeWerra	..do..	60 00
1303	..do..	R. S. Dunham	..do..	50 00
1304	..do..	C. E. Glick	..do..	50 00
1305	..do..	G. M. Grantham	..do..	60 00
1306	..do..	C. T. Hufford	..do..	45 00
1307	..do..	F. C. Richey	..do..	50 00
1308	..do..	G. L. Rigg	..do..	47 50
1309	..do..	J. F. Romine	..do..	47 50
1310	..do..	T. R. Shiveley	..do..	50 00
1311	..do..	E. F. Torgerson	..do..	60 00
1312	..do..	Douglas Wright, Jr.	..do..	45 00
1313	Aug. 22	O. E. Staples, Bursar	Checks drawn in payment of cream	60 22
1314	..do..	O. E. Staples, Bursar	Student labor	16 00
1315	..do..	Mrs. F. E. McClughen	Laundry, July 12, to Aug. 18	1 18
1316	..do..	Rodney C. Glover	Wages, August, 1914	50 00
1317	..do..	Florence Stoutzenberg	..do..	50 00
1318	..do..	Jean MacInnes	..do..	40 00
1319	Aug. 24	O. E. Staples, Bursar	Advance of salary to Dr. Edw. Bartow	300 00
1320	..do..	O. E. Staples, Bursar	Advance of salary to Prof. J. W. Garner	300 00
1321	..do..	Chas. H. Woolbert	Salary, Summer Session, 1914	60 00
1322	..do..	D. K. Dodge	..do..	46 25
1323	..do..	Mrs. T. H. Guild	Salary Prof. T. H. Guild, last 3 days Summer Session	18 75
1324	..do..	O. E. Staples, Bursar	Express	27 63
1325	..do..	National Biscuit Co.	Foodstuffs	2 60
1326	..do..	J. W. Butler Paper Co.	Office supplies	22 52
1327	..do..	The Gilbert & Bennett Mfg. Co.	Laboratory supplies	18 90
1328	..do..	The Oliver Typewriter Co.	Office supplies	7 50
1329	..do..	C. A. Kiler	Carpet	2 25
1330	..do..	Pantagraph Printing & Stationery Co.	Printing	821 64
1331	..do..	Twin City Ice & Cold Storage Co.	Ice books	14 00
1332	..do..	J. Saunders	Crawfish	1 55
1333	..do..	Pratt & Whitney Co.	General supplies	8 92
1334	..do..	W. F. Hardy	Feed cutter	4 00
1335	..do..	Stafford Engraving Co.	Engraving	6 48
1336	..do..	Wm. J. Murdock Co.	Laboratory supplies	2 43
1337	..do..	J. Bishop & Co., Platinum Works	Apparatus repairs	19 94
1338	..do..	C. C. Short	Shoes	2 00
1339	..do..	Dennison Mfg. Co.	Tags	5 97
1340	..do..	Ant. C. Zvolanek	Orchids	6 25
1341	..do..	Walter B. Riley	Legal advice to Dr. Wm. A. Noyes	5 00
1342	..do..	Laura B. Evans	Traveling expenses	61 33

## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1914			
1343	Aug. 24	Florence E. Watson	Traveling expenses	\$ 20 24
1344	.do.	O. E. Staples, Bursar	Checks drawn in payment of cream	93 42
1345	Aug. 25	H. E. Crouch	Wages, August, 1914	115 00
1346	.do.	C. G. Cox	.do.	65 00
1347	.do.	H. A. Cate	.do.	70 00
1348	.do.	H. C. Lawson	.do.	42 00
1349	.do.	Earl Garver	.do.	65 00
1350	.do.	C. B. Price	.do.	60 00
1351	.do.	C. C. Jensen	.do.	55 00
1352	.do.	L. E. Dunlap	.do.	50 00
1353	.do.	M. H. Campbell	.do.	50 00
1354	.do.	H. E. Codlin	.do.	60 00
1355	.do.	H. H. Harris	.do.	50 00
1356	.do.	P. A. Hangar	.do.	37 50
1357	.do.	E. G. Johnson	.do.	50 00
1358	.do.	J. B. Andrews	.do.	75 00
1359	.do.	Fred J. Blackburn	.do.	50 00
1360	.do.	R. N. Engle	.do.	55 00
1361	.do.	C. A. Hughes	.do.	50 00
1362	.do.	F. W. Leggett	.do.	50 00
1363	.do.	Anton Frasil	.do.	75 00
1364	.do.	P. K. Robeson	General supplies	25 74
1365	.do.	Merck & Co.	Advertising	11 25
1366	.do.	Fuller & Fuller Co.	Turpentine	3 50
1367	.do.	Siegel Cooper & Co.	Tin plates	2 25
1368	.do.	Ernst Leitz	Condenser	5 55
1369	.do.	Chicago Paper Co.	Envelopes	51 24
1370	.do.	Mills Novelty Co.	Drinking cups	17 50
1371	.do.	Chas. A. Hall Hardware Co.	Hardware	36 38
1372	.do.	Taylor Hardware Co.	.do.	12 61
1373	.do.	Orr & Lockett Hardware Co.	Ladders	13 05
1374	.do.	J. C. Thomas	Night latch	1 25
1375	.do.	Frank Turner	Traveling expenses	9 75
1376	.do.	E. Davenport	.do.	9 56
1377	.do.	J. T. Newsome	.do.	55 94
1378	.do.	Chas. A. Campbell	.do.	45 00
1379	.do.	A. L. Moats	Experiment field expenses	19 00
1380	.do.	Erick Bros. Optical Co.	Slides	12 50
1381	.do.	O. E. Staples, Bursar	Checks drawn in payment of cream	48 56
1382	.do.	Grace Vanderburgh	Balance salary July 1, Aug. 8, 1914	12 69
1383	.do.	J. T. Newsome	Wages, July 1-15, 1914	39 00
1384	.do.	J. E. Morgan	Wages, August, 1914	5 00
1385	.do.	Lavina Dille	.do.	60 00
1386	.do.	Anna B. Crackel	.do.	34 00
1387	.do.	Bertha Scott	.do.	50 00
1388	.do.	Daisy Swearingen	.do.	50 00
1389	.do.	J. T. Newsome	.do.	39 00
1390	.do.	F. C. Newsome	.do.	37 20
1391	.do.	T. V. Newsome	.do.	39 00
1392	.do.	Russell D. V. Castle	.do.	52 25
1393	.do.	N. D. Belnap	.do.	48 25
1394	Aug. 26	Gerts Lumbard & Co.	General supplies	52 56
1395	.do.	James B. Clow & Sons	.do.	99 36
1396	.do.	Keuffel & Esser Co. of New York	Laboratory supplies	91 31
1397	.do.	J. W. Butler Paper Co.	Office supplies	433 80
1398	.do.	American Radiator Co.	Laboratory supplies	31 99
1399	.do.	Miller-Bryant-Pierce Co.	Typewriter supplies	74 40
1400	.do.	Charles S. Pease	Rubber stamp	2 25
1401	.do.	The Weis Mfg. Co.	Office supplies	4 25
1402	.do.	Charles C. Smith	Signals	1 00
1403	.do.	The Shaw-Walker Co.	Metal tip guides	10 40
1404	.do.	O. E. Staples, Bursar	Checks drawn in payment of cream	113 03
1405	.do.	Vaughan's Seed Store	General supplies	18 65
1406	.do.	The Charles A. Hall Hardware Co.	Hardware	20 12
1407	.do.	P. S. Campbell	Printing	9 75
1408	.do.	The Bigelow Binder Co.	Tieclips	1 96
1409	.do.	Illinois State Reformatory	Printing	128 20
1410	.do.	National Engraving Co.	Half-tones	210 90
1411	.do.	Knowlton & Bennett	General supplies	4 95
1412	.do.	J. W. Spalding	Horseshoes	6 00
1413	.do.	Percival & Moorehead	Hitch posts and bolts	4 15
1414	.do.	G. C. Willis	Cheese cloth	6 53
1415	.do.	Benjamin Moore & Co.	Laboratory supplies	85 34
1416	.do.	Champaign County, Illinois Agricultural Improvement Assn.	Membership in association	10 00

## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
<b>1914</b>				
1417	Aug. 26	Bacon Bros.	Oil, etc.	\$ 4 20
1418	do.	S. E. Huff & Co.	Coal.	2 00
1419	do.	E. Fiscus	Wheat straw	34 20
1420	do.	S. E. Dillavou.	Casting.	2 00
1421	do.	Illinois Glass Co.	Vials.	14 63
1422	do.	R. T. Jones	Wages, August, 1914.	100 00
1423	Aug. 28	O. E. Staples, Bursar	Checks drawn in payment of cream.	72 10
1424	do.	H. E. Babbitt	Wages, August, 1914.	75 00
1425	do.	C. R. Newell	do.	75 00
1426	do.	Clarence Scholl	do.	70 00
1427	do.	Hazel Ricketts	do.	40 00
1428	do.	The Sneed & Co. Iron Works	Labor.	27 50
1429	do.	Fuller & Fuller Co.	Laboratory supplies.	72 63
1430	do.	MacBeth-Evans Glass Co.	Electric supplies	185 00
1431	do.	J. D. White	Postage.	60 00
1432	do.	Dr. LaFayette B. Mendel	Expert services.	500 00
1433	do.	Dr. T. J. Burrill	Wages advanced on account, Gregory Memorial.	15 06
1434	do.	Samuel Harris & Co.	Farm machinery.	24 03
1435	do.	James H. Rice Co.	Ground glass.	123 48
1436	do.	O. E. Staples, Bursar	Checks drawn in payment of cream.	77 83
1437	do.	O. A. Randolph	Salary as resident assistant, month of August, 1914.	75 00
1438	do.	Ellen M. Henrotin	Traveling expenses.	13 08
1439	Aug. 31	Review Printing and Stationery Co.	Printing.	223 61
1440	do.	Anna Bolan	Services as Clinical Nurse.	25 00
1441	do.	S. J. Chapman	Raising and repairing Poultry Building.	55 00
1442	do.	O. E. Staples, Bursar	Checks drawn in payment of cream.	63 78
1443	do.	O. E. Staples, Bursar	Rebates to students.	11 25
1444	do.	O. E. Staples, Bursar	Sundry bills.	16 82
1445	do.	O. E. Staples, Bursar	Express.	16 79
1446	do.	J. R. Trevett	Traveling expenses.	15 55
1447	do.	O. E. Staples, Bursar	Checks drawn in payment of cream.	49 16
1448	Sept. 1	Commonwealth Edison Co.	Electric power.	86 42
1449	do.	The Peoples Gas Light & Coke Co.	Dental Gas.	20 33
1450	do.	W. B. Day, Actuary	Sundry bills.	98 09
1451	do.	O. E. Staples, Bursar	Checks drawn in payment of cream.	33 83
1452	Sept. 3	Jas. Casad.	Wages, August, 1914.	120 00
1453	do.	Ruthe Murphey	do.	60 32
1454	do.	F. M. Perry	do.	65 78
1455	do.	T. O. Henderson	do.	106 78
1456	do.	A. Bevis	do.	143 00
1457	do.	Cevilla Carothers	do.	52 00
1458	do.	O. L. Mendenhall	do.	49 00
1459	do.	J. Cassidy	do.	49 00
1460	do.	P. O. Moore	do.	51 00
1461	do.	R. A. Palfreyman	do.	53 00
1462	do.	J. C. Snider	do.	54 60
1463	do.	Ben Reed	do.	58 20
1464	do.	A. U. Moran	do.	72 50
1465	do.	Jas. Irvine	do.	52 50
1466	do.	F. M. Irvine	do.	74 93
1467	do.	W. G. Hixon	do.	52 00
1468	do.	Sam Hanson	do.	70 00
1469	do.	Ed. Hargan	do.	63 80
1470	do.	Frank Fogarty	do.	52 50
1471	do.	Wm. Fogarty	do.	54 50
1472	do.	A. Glawe	do.	93 60
1473	do.	S. A. Shaw	do.	86 40
1474	do.	Chas. Moore	do.	91 40
1475	do.	Frank Stuart	do.	90 00
1476	do.	Wm. Templin	do.	87 00
1477	do.	C. J. Welch	do.	140 00
1478	do.	A. Keese	do.	88 20
1479	do.	F. Crathorne	do.	65 00
1480	do.	A. Langhoff	do.	83 85
1481	do.	V. R. Barnes	do.	70 00
1482	do.	M. C. Booher	do.	68 40
1483	do.	A. J. Booker	do.	93 60
1484	do.	J. C. Fiscus	do.	86 40
1485	do.	Chas. Hill	do.	88 97
1486	do.	J. D. Craig	do.	86 40

## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1914			
1487	Sept. 3	S. A. Porter	Wages, August, 1914	\$ 93 60
1488	do.	Martin Sandwell	do.	93 60
1489	do.	A. C. Speedie	do.	90 00
1490	do.	Wesley Wilson	do.	90 00
1491	do.	Amos Wright	do.	93 60
1492	do.	J. W. Vandiver	do.	86 40
1493	do.	C. A. Dunseth	do.	90 00
1494	do.	J. B. Doll	do.	93 60
1495	do.	J. W. Frazier	do.	92 00
1496	do.	A. L. Collins	do.	58 20
1497	do.	I. F. Tillotson	do.	65 80
1498	do.	F. T. Franklin	do.	55 86
1499	do.	Roy Crawford	do.	54 50
1500	do.	Harry Higgins	do.	98 80
1501	do.	Arthur Schurtz	do.	50 00
1502	do.	J. H. Miller	do.	128 26
1503	do.	Frank Clancy	do.	121 90
1504	do.	Harry Clifford	do.	77 35
1505	do.	John Brammigan	do.	80 85
1506	do.	Jesse Meyers	do.	59 57
1507	do.	A. Warmbier	do.	85 50
1508	do.	Karl Cagann	do.	38 47
1509	do.	C. M. Davis	do.	44 10
1510	do.	Wm. F. Diebold	do.	42 07
1511	do.	Louis Ganghoff	do.	33 40
1512	do.	Roy Long	do.	43 00
1513	do.	Thos. J. Fay	do.	96 10
1514	do.	E. C. Lewis	do.	71 61
1515	do.	Frank Stateler	do.	69 74
1516	do.	Thos. Long	do.	80 46
1517	do.	Jos. Davis	do.	72 03
1518	do.	J. A. J. Klien	do.	71 61
1519	do.	Frank Crump	do.	59 40
1520	do.	Frank Cunningham	do.	109 01
1521	do.	Sell Hamlin	do.	49 00
1522	do.	W. J. Smith	do.	117 26
1523	do.	Guy Fox	do.	78 66
1524	do.	Chas. Gunlock	do.	86 40
1525	do.	P. L. Livick	do.	55 33
1526	do.	Fred Fender	do.	79 50
1527	do.	Ed. Justus	do.	108 00
1528	do.	J. R. Newton	do.	66 96
1529	do.	Ed. Richards	do.	104 16
1530	do.	John Ceduskey	do.	79 20
1531	do.	Louis Fender	do.	62 92
1532	do.	J. F. Long	do.	78 12
1533	do.	A. J. McAlister	do.	69 60
1534	do.	A. C. Wascher	do.	78 00
1535	do.	Wm. Wilde	do.	96 10
1536	do.	Geo. Boyer	do.	65 31
1537	do.	Thos. Butler	do.	65 78
1538	do.	Herman Fechruph	do.	58 80
1539	do.	T. E. Wells	do.	52 80
1540	do.	Gilbert Robbins	do.	57 60
1541	do.	Frank Gordon	do.	33 00
1542	do.	E. Johns	do.	49 80
1543	do.	Felix Fox	do.	57 60
1544	do.	Otto Kriegl	do.	50 80
1545	do.	Nick Peterson	do.	51 00
1546	do.	J. F. Purkins	do.	43 56
1547	do.	H. L. Thompson	do.	53 80
1548	do.	L. M. Stearns	do.	65 10
1549	do.	O. J. Utterback	do.	53 40
1550	do.	P. T. Walters	do.	37 00
1551	do.	John Aschermann	do.	48 00
1552	do.	Roy Tatlock	do.	34 20
1553	do.	C. M. Ollis	do.	52 00
1554	do.	A. L. Johnson	do.	62 20
1555	do.	Onno Walters	do.	57 20
1556	do.	Wm. Quinn	do.	62 37
1557	do.	M. Felgner	do.	52 00
1558	do.	B. F. Crackel	do.	52 00
1559	do.	J. E. Morgan	do.	29 00
1560	do.	Dan Meneely	do.	61 41
1561	do.	Tim Kenney	do.	59 00
1562	do.	W. J. McFadden	do.	49 00
1563	do.	J. E. Browning	do.	60 00
1564	do.	Rolla S. Carson	do.	53 20

## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
<b>1914</b>				
1565	Sept. 3	J. W. Cheever	Wages, August, 1914	\$ 53 00
1566	do.	B. F. English	do.	62 33
1567	do.	C. Y. Freeman	do.	57 75
1568	do.	J. J. Fiscus	do.	62 33
1569	do.	W. H. Graybeal	do.	63 00
1570	do.	V. S. Glenn	do.	53 00
1571	do.	David Glenn	do.	52 40
1572	do.	F. F. Hoover	do.	56 54
1573	do.	L. T. Heinz	do.	62 00
1574	do.	C. C. Johnson	do.	65 10
1575	do.	A. C. Litton	do.	58 17
1576	do.	C. P. Moore	do.	51 60
1577	do.	C. M. Miller	do.	39 90
1578	do.	D. T. Moody	do.	40 00
1579	do.	Jas. McCullough	do.	65 34
1580	do.	Forrest Mock	do.	54 80
1581	do.	Basil Brown	do.	65 52
1582	do.	D. M. Bullock	do.	61 87
1583	do.	Ross Hutton	do.	59 80
1584	do.	Fred Langhoff	do.	62 10
1585	do.	O. E. Meenach	do.	63 48
1586	do.	H. H. Mahorney	do.	68 54
1587	do.	A. Servis	do.	57 96
1588	do.	George Toy	do.	62 10
1589	do.	George Turner	do.	62 56
1590	do.	Ed. Wharmby	do.	66 93
1591	do.	Margaret Jones	do.	44 20
1592	do.	Frances McClughen	do.	44 20
1593	do.	Rebecca Morgan	do.	44 20
1594	do.	Mary Ryan	do.	35 70
1595	do.	Wm. Atwell	do.	58 80
1596	do.	C. E. Arrington	do.	65 10
1597	do.	Harry Brown	do.	58 59
1598	do.	J. E. Bailey	do.	57 33
1599	do.	Frank C. Wilson	do.	41 60
1600	do.	Leigh Hunt	do.	45 20
1601	do.	Clyde Stafford	do.	38 25
1602	do.	J. W. McQuay	do.	49 05
1603	do.	Emery Nale	do.	46 58
1604	do.	G. Rittenhouse	do.	50 63
1605	do.	Vint Manning	do.	31 40
1606	do.	Mollie B. Frazier	do.	50 00
1607	do.	Ora B. Castle	do.	50 00
1608	do.	W. S. Goodspeed	do.	83 33
1609	do.	Verna Manley	do.	35 70
1610	do.	E. A. Kirkpatrick	do.	9 60
1611	do.	R. R. Danielson	do.	60 75
1612	do.	M. C. Booze	do.	65 65
1613	do.	J. A. Chase	do.	30 60
1614	do.	S. C. Linder	do.	48 85
1615	do.	T. N. McVay	do.	82 00
1616	do.	K. S. Stice	do.	37 70
1617	do.	F. A. Kirkpatrick	do.	51 60
1618	do.	Marion E. Sparks	do.	21 75
1619	do.	B. H. Dunlap	do.	60 00
1620	do.	L. A. Hunter	do.	75 00
1621	do.	Alice Reed	do.	55 00
1622	do.	Andrew Tornquist	do.	75 00
1623	do.	W. F. Campbell	do.	1 13
1624	do.	H. I. Hannah	do.	52 88
1625	do.	P. D. Jenks	do.	26 38
1626	do.	Arthur Odell	do.	18 85
1627	do.	A. L. Shriver	do.	52 36
1628	do.	M. E. Slater	do.	80 00
1629	do.	Geo. Hedrick	do.	10 30
1630	do.	W. R. Jones	do.	18 26
1631	do.	S. Karrer	do.	50 00
1632	do.	C. R. Nicholls	do.	69 30
1633	do.	W. F. Campbell	do.	48 15
1634	do.	Herman Dale	do.	56 30
1635	do.	Raymond Reese	do.	22 70
1636	do.	O. E. Staples, Bursar	Checks drawn in payments of cream.	158 66
1637	Sept. 4	United States Audit Co.	Auditing books and accounts, University of Illinois	438 49
1638	do.	O. E. Shobe & Co.	General labor, College of Engineering	200 00
1639	do.	W. H. Browne	Sundry bills	274 94

## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1914			
1640	Sept. 4	Frank Turner	Wages, August, 1914	\$ 58 00
1641	..do.	C. F. Goodman	..do.	58 00
1642	..do.	H. P. Thurlow	..do.	63 20
1643	..do.	E. W. Engle	..do.	88 00
1644	..do.	J. F. Gauger	..do.	65 00
1645	..do.	Howard Vaughn	..do.	45 00
1646	..do.	C. E. Mattoon	..do.	52 00
1647	..do.	Geo. F. Smalley	..do.	13 00
1648	..do.	Ida Luther	..do.	31 50
1649	..do.	Sadie Jones	..do.	50 00
1650	..do.	Thos. Lyons	..do.	41 80
1651	..do.	W. W. Trimble	..do.	44 80
1652	..do.	O. E. Staples, Bursar	Checks drawn in payment of cream	73 11
1653	..do.	Chas. M. Webber, Postmaster	Money advanced for postage on University of Illinois bulletins	50 00
1654	Sept. 5	Jeannette Craigmile	Wages, August, 1914	50 00
1655	..do.	C. A. Brumley	..do.	52 00
1656	..do.	I. F. Burdick	..do.	85 00
1657	..do.	C. C. Chapman	..do.	100 00
1658	..do.	Glenn Pergande	..do.	15 75
1659	..do.	E. H. Schader	..do.	39 33
1660	..do.	Otto Swearingen	..do.	39 38
1661	Sept. 8	Esther Clements	..do.	5 00
1662	..do.	Newton D. Mereness	..do.	43 50
1663	..do.	A. F. Musgrave	Premiums on insurance	106 50
1664	..do.	Chicago Savings Bank & Trust Co.	Fees as fiscal agent	12 66
1665	..do.	Stoltey's Garage	Auto livery	3 50
1666	..do.	I. H. Besore	Dairy office	1 82
1667	..do.	T. P. Lyons	..do.	3 14
1668	..do.	W. H. Stevens	..do.	3 94
1669	..do.	M. Hudson	..do.	1 70
1670	..do.	P. P. Dunn	..do.	3 33
1671	..do.	O. A. McInness	..do.	2 37
1672	..do.	R. S. McInness	..do.	2 11
1673	..do.	J. Hammack	..do.	2 40
1674	..do.	Z. Alsip	..do.	2 21
1675	..do.	F. W. Howell, Homer	Creamery	3 04
1676	..do.	I. W. Maxwell, Urbana, R. R. D. No. 10.	..do.	3 84
1677	..do.	George W. Miller, Mahomet	..do.	4 85
1678	..do.	W. J. Wilson, Ogden	..do.	2 34
1679	..do.	D. S. Harriott, Mahomet	..do.	4 66
1680	..do.	J. W. Willsey, Urbana, R. F. D. No. 10.	..do.	5 12
1681	..do.	E. R. Canaday, Homer	..do.	2 75
1682	..do.	C. A. Fogel, Mahomet	..do.	3 92
1683	..do.	Ed. Fisher, Ogden	..do.	2 88
1684	..do.	W. E. Yount, Homer	..do.	7 10
1685	..do.	John Rueb, Pithian	..do.	5 54
1686	..do.	Illinois Central R. R. Co.	Freight	35 53
1687	..do.	C., C., & St. L. Ry. Co.	..do.	306 72
1688	..do.	The Wabash R. R.	..do.	113 78
1689	..do.	Illinois Traction System	..do.	3 97
1690	..do.	The Wabash R. R.	..do.	2 66
1691	..do.	C. F. Miller	Laboratory supplies	5 10
1692	..do.	Lynn E. Knorr	Traveling expenses	11 44
1693	..do.	H. I. Nelson	Dairy products furnished Department Dairy Husbandry	1 02
1694	..do.	A. R. Grindley	..do.	4 70
1695	..do.	Ralph Smith	..do.	3 49
1696	..do.	T. P. Lyons	..do.	3 42
1697	..do.	Lou Creiger	..do.	3 94
1698	..do.	E. Grove	..do.	8 80
1699	..do.	Geo. Schiff	..do.	4 16
1700	..do.	I. H. Besore	..do.	1 82
1701	..do.	Geo. Taylor	..do.	2 50
1702	..do.	David Wilkins	..do.	3 42
1703	..do.	E. J. Percival	..do.	5 18
1704	..do.	H. F. Ridgeley	..do.	2 08
1705	..do.	J. Freeman	..do.	1 54
1706	..do.	A. Shields	..do.	5 94
1707	..do.	W. J. Kelley	..do.	3 83
1708	..do.	F. Knox	..do.	4 63
1709	..do.	Harvey Ray	..do.	1 70
1710	..do.	W. L. Davis	..do.	5 20
1711	..do.	Bert Barber	..do.	2 80
1712	..do.	C. E. Ross	..do.	3 04
1713	..do.	B. Jordan	..do.	3 10
1714	..do.	T. F. Jordan	..do.	7 52

## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To-whom.	For what.	Amount.
<b>1914</b>				
1715	Sept. 8	W. W. Meyer	Dairy products furnished department Dairy Husbandry	\$ 4 46
1716	Sept. 9	C., C. & St. L. Ry. Co.	Freight	48 21
1717	do	W. H. Stevens	Dairy office	2 43
1718	do	O. A. McInnes	do	4 86
1719	do	R. S. McInnes	do	2 27
1720	do	D. S. Herriott, Mahomet	Creamery	7 68
1721	do	G. W. VanMeter, Savoy	do	5 40
1722	do	E. R. Canaday, Homer	do	5 18
1723	do	Guy Hobick, Fithian	do	4 64
1724	do	J. A. R. Koch, Mayview	do	6 11
1725	do	W. M. Case, Ogden	do	2 43
1726	do	John Rueb, Fithian	do	3 65
1727	do	S. T. Carter, Seymour	do	2 42
1728	do	S. Atchison, Urbana, R. F. D.	do	5 25
1729	do	C. A. Fogel, Mahomet	do	3 73
1730	do	W. J. Wilson, Ogden	do	2 53
1731	do	F. Stadden, Homer	do	5 02
1732	do	R. J. Craig, Fairmont	do	4 74
1733	do	W. D. Rohl, Homer	do	5 47
1734	do	J. W. Rayburn, Bondville	do	6 34
1735	do	J. A. Daeger, Savoy	do	3 51
1736	do	J. B. Skinner, Fithian	do	3 14
1737	do	T. H. Palmer, Muncie	do	3 81
1738	do	Van Carter, Homer	do	5 06
1739	do	Ed. Householder, Fithian	do	5 60
1740	do	J. W. Hillard, Homer	do	6 43
1741	do	F. W. Watson, Muncie	do	4 48
1742	do	F. W. Howell, Homer	do	3 90
1743	do	H. Denhart, Ogden	do	4 03
1744	do	W. C. Welch, Urbana, R. F. D. No. 12	do	3 94
1745	do	C. C. Rayburn, Bondville	do	6 02
1746	do	M. Hahn, Ogden	do	4 70
1747	do	E. W. Maxwell, Urbana, R. F. D. No. 10	do	4 48
1748	do	W. H. Gray, Urbana, R. F. D.	do	1 73
1749	do	E. Ridgely, Seymour	do	4 67
1750	Sept. 10	O. E. Staples, Bursar	Express	50 24
1751	do	O. E. Staples, Bursar	Student labor	42 40
1752	do	O. E. Staples, Bursar	General labor	32 40
1753	do	G. P. Tritle, Jr.	Traveling expenses	13 35
1754	do	Mrs. F. E. McClughen	Laundry, July 12, Aug. 18, 1914	3 68
1755	do	Arthur Siebens	Wages, August, 1914 and traveling expenses	36 18
1756	do	W. M. Taylor	Wages, August, 1914	50 00
1757	do	Frank Beach	Wages, Aug. 3, Sept. 8, 1914	49 00
1758	do	G. A. Maney	Wages, Sept. 1-4, 1914	13 33
1759	do	The Underwood Typewriter Co., Inc.	Typewriter repairs	3 00
1760	Sept. 11	T. F. Jordan, Savoy	Creamery	5 63
1761	do	John Willsey, Urbana, R. F. D. No. 10	do	6 75
1762	do	Chas. J. Kissacks, Potomac	do	6 61
1763	do	H. F. Ridgely, Cerro Gordo	do	2 14
1764	do	Ed. Smith, Homer	do	5 02
1765	do	L. F. Bialeschki, Pesotum	do	3 60
1766	do	Robert Childers, Ogden	do	2 85
1767	do	C. G. Plottner, Fithian	do	4 86
1768	do	E. L. Martin, Homer	do	4 74
1769	do	A. Shields, Dewey	do	6 13
1770	do	C. Ross, Savoy	do	2 56
1771	do	B. Jordan, Savoy	do	1 95
1772	do	John Englehardt	Dairy office	84 15
1773	do	Ralph Smith	do	3 26
1774	do	H. D. Oberdorfer	Traveling expenses	7 89
1775	do	O. E. Staples, Bursar	Sundry bills	4 35
1776	do	O. E. Staples, Bursar	Rebates to students	30 50
1777	do	MacChesney & Becker	Services of reporter, July 27, Aug. 1	19 60
1778	Sept. 12	Geo. L. Peltier	Traveling expenses	8 05
1779	do	W. M. Taylor	do	28 80
1780	do	The University Club	Entertainment of Dr. Mendel, July 29-31, 1914	6 70
1781	do	O. E. Staples, Bursar	Student labor	11 53
1782	do	O. E. Staples, Bursar	do	30 05
1783	do	R. S. McInnes	Dairy office	1 66
1784	do	O. A. McInnes	do	2 88
1785	do	T. P. Lyons	do	3 01
1786	do	J. Hammack	do	4 32
1787	do	I. H. Besore	do	3 33



## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1914			
1788	Sept. 12	John Englehardt	Dairy office	\$ 43 04
1789	do.	E. Vincent Percival	do.	2 08
1790	do.	George Taylor	do.	3 55
1791	do.	M. Hudson	do.	1 76
1792	do.	E. Grove	do.	5 06
1793	do.	Lou Creiger	do.	3 90
1794	do.	P. P. Dunn	do.	3 30
1795	do.	J. P. Shrock, Fisher	Creamery	5 52
1796	do.	W. J. Kelley, Loda	do.	4 91
1797	do.	E. S. Hays, Ogden, R. F. D. No. 18	do.	2 56
1798	do.	E. R. Canaday, Homer	do.	5 86
1799	do.	W. E. Womachs, Ogden	do.	2 40
1800	do.	L. J. Wienke, Homer	do.	7 07
1801	do.	W. D. Rohl, Homer	do.	8 29
1802	do.	J. A. R. Koch, Mayview	do.	6 75
1803	do.	J. D. Pulliam, Fithian	do.	3 87
1804	do.	Frank Stadden, Homer	do.	5 12
1805	do.	D. S. Herriott, Mahomet	do.	4 40
1806	do.	S. Lee Cox, Oakwood	do.	3 46
1807	do.	Frank Hetro, Homer	do.	4 26
1808	do.	Ralph Ridgley, Seymour	do.	3 90
1809	do.	F. E. Elliott, Ogden	do.	3 07
1810	do.	W. E. Yount, Homer	do.	5 92
1811	do.	F. Knox, Mahomet	do.	5 27
1812	do.	J. H. Umbanhower, Homer	do.	5 30
1813	do.	Van Carter, Homer	do.	4 54
1814	do.	C. E. Smoot, Fithian	do.	4 16
1815	do.	J. W. Rhoads, Fisher	do.	4 66
1816	do.	S. Atchison, Urbana, R. F. D	do.	2 85
1817	do.	G. W. Miller, Mahomet	do.	4 85
1818	do.	G. W. Van Meter, Savoy	do.	3 94
1819	do.	E. J. Percival, Urbana, R. F. D. No. 10	do.	3 58
1820	do.	I. W. Maxwell, Urbana, R. F. D. No. 10	do.	3 58
1821	Sept. 15	E. F. Lyons	Dairy office	3 49
1822	do.	Geo. Schiff	do.	4 03
1823	do.	J. W. Hilliard, Homer	Creamery	6 62
1824	do.	H. Denhart, Ogden	do.	4 67
1825	do.	Robt. Childers, Ogden	do.	2 82
1826	do.	Ed. Householder, Fithian	do.	5 82
1827	do.	F. Watson, Muncie	do.	5 31
1828	do.	Macy Bros., Fithian	do.	9 73
1829	do.	John Ruev, Fithian	do.	6 52
1830	do.	Ted Lowery, Homer	do.	3 94
1831	do.	R. H. McAlister, Muncie	do.	4 03
1832	do.	B. L. Barber, Mahomet	do.	2 85
1833	do.	Harvey Ray, Homer	do.	1 98
1834	do.	Fred Rein, Urbana	do.	19 74
1835	do.	T. F. Jordan, Savoy	do.	3 00
1836	do.	C. C. Ross, Savoy	do.	1 86
1837	do.	B. Jordan, Savoy	do.	3 58
1838	Sept. 16	Hotel LaSalle	Board of Trustees luncheons	16 50
1839	do.	A. F. Gustafson	Traveling expenses	18 57
1840	do.	H. E. Cunningham	do.	11 14
1841	do.	National Engraving Co.	Half-tones	25 30
1842	do.	Pantagraph Printing & Stationery Co.	Printing	490 82
1843	do.	Jacob White	Patching plastering	19 00
1844	do.	D. H. Carnahan	Materials purchased in Europe	1 50
1845	do.	Geo. E. Amsbary	Middlings	94 50
1846	do.	Illinois Central R. R. Co.	Freight	34 03
1847	do.	The Wabash R. R.	do.	48 51
1848	do.	C. C. C. & St. L. Ry. Co.	do.	98 77
1849	do.	C. C. C. & St. L. Ry. Co.	do.	6 38
1850	do.	J. T. Newsome	Wages, Aug. 16, to Sept. 5	54 00
1851	do.	F. C. Newsome	Wages, Aug. 18, to Sept. 5	45 00
1852	do.	T. V. Newsome	Wages, Aug. 16, to Sept. 5	54 00
1853	do.	R. W. Hess	Wages, August, 1914	60 00
1854	do.	O. E. Staples, Bursar	Sundry bills	1 36
1855	do.	O. E. Staples, Bursar	General labor	264 84
1856	do.	Henry Malkan	Books	26 35
1857	do.	H. I. Nelson	Dairy office	2 75
1858	do.	A. R. Grindley	do.	4 80
1859	do.	Geo. Taylor	do.	3 46
1860	do.	Ralph Smith	do.	3 55
1861	do.	I. H. Besore	do.	4 16
1862	do.	O. A. McInnes	do.	2 30
1863	do.	R. S. McInnes	do.	3 04
1864	do.	David Wilkins	do.	3 87
1865	do.	F. W. Howell, Homer	Creamery	7 74

## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
<b>1914</b>				
1866	Sept. 16	H. Cherry, Ogden	Creamery	\$ 5 54
1867	do	E. R. Canady, Homer	do	5 38
1868	do	J. D. Perham, Homer	do	4 32
1869	do	Guy Hobick, Fithian	do	3 46
1870	do	T. H. Palmer, Muncie	do	4 77
1871	do	Nicholas Hahn, Ogden	do	5 15
1872	do	A. G. Krukowitt, Homer	do	5 06
1873	do	J. B. Skinner, Fithian	do	4 64
1874	do	J. H. Umbanhowar, Homer	do	4 29
1875	do	Geo. W. Miller, Mahomet	do	4 60
1876	do	W. W. Meyer, Mt. Olive	do	4 94
1877	do	S. T. Cartar, Seymour	do	4 47
1878	do	W. J. Wilson, Ogden	do	2 94
1879	do	Henry Manley, Milmine	do	2 24
1880	do	H. F. Ridgeley, Cerro Gordo	do	4 61
1881	do	Ralph Ridgelet, Seymour	do	3 53
1882	do	J. D. Pulliam, Fithian	do	4 32
1883	do	Wm. Case, Ogden	do	4 53
1884	do	C. G. Plottner, Muncie	do	4 16
1885	do	D. S. Herriott, Mahomet	do	7 71
1886	do	J. W. Rayburn, Bondville	do	6 56
1887	do	C. Rayburn, Bondville	do	8 42
1888	do	W. E. Welch, Urbana, R. F. D. No. 12	do	5 15
1889	do	J. W. Wilsey, Urbana, R. F. D. No. 10	do	6 08
1890	do	I. W. Maxwell, Urbana, R. F. D.	do	4 35
1891	do	Robt. Graham	Dairy office	8 90
1892	do	T. N. Burwash, Champaign	do	4 03
1893	do	Postmaster, City of Chicago	Money advanced to cover postage on bulletins	75 00
1894	Sept. 18	C. C. Ross, Savoy	Creamery	2 05
1895	do	T. F. Jordan, Savoy	do	4 29
1896	do	J. M. Hillard, Homer	do	6 62
1897	do	Wm. VanBuskirk, Fithian	do	3 04
1898	do	Harvey Ray, Homer	do	2 66
1899	do	L. F. Bialeschski, Pesotum	do	4 02
1900	do	Frank Knox, Mahomet	do	5 46
1901	do	G. W. VanMeter, Savoy	do	3 90
1902	do	Andrew Shields, Dewey	do	5 76
1903	do	John Ingelman, Rantoul	do	4 19
1904	do	W. L. Davis, Ogden	do	5 06
1905	do	C. A. Fogel, Mahomet	do	4 22
1906	do	C. A. Fogel, Mahomet	do	3 84
1907	do	Z. Alsip, Ogden	do	2 59
1908	do	E. L. Martin, Homer	do	4 26
1909	do	C. J. VonHoltene, Champaign, R. F. D.	do	3 90
1910	do	W. H. Gray, Urbana, R. F. D.	do	1 98
1911	do	E. J. Percival	Dairy office	4 29
1912	do	Mrs. A. D. Horn	Laundry	1 46
1913	do	O. E. Staples, Bursar	Student labor	230 18
1914	Sept. 19	A. Gallenkamp & Co., Ltd.	Laboratory apparatus	3 75
1915	do	Gustav Fock	Books	5 67
1916	do	Museum Book Store	do	288 58
1917	do	F. A. Kirkpatrick	Student labor	44 40
1918	do	Geo. E. Frazer, Comptroller	Chapman & Bryant, moving house	265 00
1919	Sept. 21	W. H. Smith	Cow	55 00
1920	do	Chance C. Jones	Rebate of tuition, School of Pharmacy	37 50
1921	do	W. A. Albrecht	Salary, September, 1914	25 00
1922	do	Albert Babbitt	do	25 00
1923	do	Gertrude A. Bacon	do	25 00
1924	do	Julia Barber	do	25 00
1925	do	Mary L. Beck	do	25 00
1926	do	Esther M. Coloin	do	25 00
1927	do	D. G. Cooke	do	25 00
1928	do	S. J. Crooker	do	25 00
1929	do	Floy F. Cutler	do	25 00
1930	do	W. A. Dunham	do	25 00
1931	do	Erma L. Elliott	do	25 00
1932	do	E. C. Farber	do	25 00
1933	do	C. S. Fazal	do	25 00
1934	do	Fay L. Fisher	do	25 00
1935	do	Clare E. Griffin	do	25 00
1936	do	C. C. Hamilton	do	25 00
1937	do	Ruth M. Hefferman	do	25 00
1938	do	R. W. Hendel	do	25 00
1939	do	A. L. Jerdan	do	25 00
1940	do	Minna E. Jewell	do	25 00

## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
1914				
1941	Sept. 21	J. E. Kindred	Salary, September, 1914	\$25 00
1942	do.	K. D. Lee	do.	25 00
1943	do.	Alice Meier	do.	25 00
1944	do.	Marie B. Miller	do.	25 00
1945	do.	H. R. Mirick	do.	25 00
1946	do.	Odessa M. Myres	do.	25 00
1947	do.	Ruth E. Okey	do.	25 00
1948	do.	R. W. Owens	do.	25 00
1949	do.	F. C. Palm	do.	25 00
1950	do.	L. A. Pinckney	do.	25 00
1951	do.	F. E. Richard	do.	25 00
1952	do.	E. A. Ried	do.	25 00
1953	do.	W. C. Robb	do.	25 00
1954	do.	Robbins Russell	do.	25 00
1955	do.	F. C. Swanson	do.	25 00
1956	do.	H. D. TerKeurst	do.	25 00
1957	do.	R. E. Turley	do.	25 00
1958	do.	M. A. VanDoren	do.	25 00
1959	do.	Bernice Wait	do.	25 00
1960	do.	Gordon Watkins	do.	25 00
1961	do.	Lella O. White	do.	25 00
1962	do.	Kathryn Williams	do.	25 00
1963	do.	H. A. Winkelmann	do.	25 00
1964	do.	Esther Wiseman	do.	25 00
1965	do.	Esther Young	do.	25 00
1966	do.	St. Elmo Bradley	do.	35 00
1967	do.	H. A. Burd	do.	40 00
1968	do.	K. A. Clark	do.	35 00
1969	do.	Helen Clark	do.	35 00
1970	do.	N. H. Debel	do.	35 00
1971	do.	John A. Elliott	do.	35 00
1972	do.	Philip Garman	do.	35 00
1973	do.	F. B. Hanson	do.	35 00
1974	do.	O. E. Harder	do.	35 00
1975	do.	C. E. Holley	do.	40 00
1976	do.	J. W. Howard	do.	35 00
1977	do.	M. J. Kernall	do.	35 00
1978	do.	B. F. Lamb	do.	40 00
1979	do.	Wallace Macfarlane	do.	45 00
1980	do.	Edna Mosher	do.	35 00
1981	do.	D. F. Pasmore	do.	50 00
1982	do.	Geo. Rutledge	do.	30 00
1983	do.	Ethel Sabin	do.	35 00
1984	do.	Clarence Scholl	do.	35 00
1985	do.	W. E. Stevens	do.	40 00
1986	do.	F. B. Streeter	do.	35 00
1987	do.	H. W. Stunkard	do.	40 00
1988	do.	Minnie E. Watson	do.	40 00
1989	do.	M. M. Wells	do.	40 00
1990	do.	Quincy Wright	do.	45 00
1991	do.	F. A. Wyatt	do.	40 00
1992	do.	L. E. Young	do.	50 00
1993	do.	Yetta Scheffel	do.	50 00
1994	do.	Jessie Kile	do.	45 00
1995	do.	J. A. Hofs	do.	45 00
1996	do.	C. L. Stewart	do.	75 00
1997	do.	Chas. H. Woolbert	Traveling expenses	13 79
1998	do.	Geo. E. Frazer	do.	21 15
1999	Sept. 22	O. A. McInnes	Dairy office	1 22
2000	do.	R. S. McInnes	do.	1 41
2001	do.	Jas. Hammack	do.	3 78
2002	do.	R. A. Lumsden	do.	1 18
2003	do.	A. R. Grindley	do.	5 09
2004	do.	T. P. Lyons	do.	2 72
2005	do.	P. P. Dunn	do.	3 52
2006	do.	M. Hudson	do.	1 92
2007	do.	Geo. Taylor	do.	1 82
2008	do.	Ralph Smith	do.	2 82
2009	do.	Lou Creiger	do.	7 17
2010	do.	E. Grove	do.	9 54
2011	do.	I. H. Besore, Ogden	Creamery	3 04
2012	do.	R. H. Brewer, Ogden	do.	4 00
2013	do.	Frank Stadden, Homer	do.	5 22
2014	do.	E. R. Canady, Homer	do.	4 32
2015	do.	H. J. Craig, Homer	do.	4 42
2016	do.	Frank Helro, Homer	do.	4 19
2017	do.	J. Rueb, Pithian	do.	3 97
2018	do.	Mary Warner, Mahomet	do.	3 86

## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
<b>1914</b>				
2019	Sept. 22	J. A. R. Koch, Mayview	Creamery	\$ 6 43
2020	do.	Jas. Freeman, Fithian	do.	2 08
2021	do.	A. Morgan, Homer	do.	4 13
2022	do.	W. D. Rohl, Homer	do.	9 41
2023	do.	W. E. Yount, Homer	do.	4 90
2024	do.	F. W. Howell, Homer	do.	3 52
2025	do.	Van Carter, Homer	do.	5 06
2026	do.	W. J. Kelley, Loda	do.	4 47
2027	do.	I. W. Maxwell, Urbana, R. F. D.	do.	4 19
2028	do.	J. W. Willsey, Urbana, R. F. D.	do.	6 11
2029	do.	Young Men's Christian Association	Contribution to publication of Student's Hand Book	300 00
2030	do.	O. E. Staples, Bursar	General labor	307 50
2031	do.	H. I. Nelson	Dairy office	2 11
2032	do.	J. W. Van Meter	do.	4 13
2033	do.	John Englehardt	do.	2 02
2034	do.	I. H. Besore	do.	2 75
2035	do.	Geo. Schiff	do.	3 68
2036	do.	S. Lee Cox	do.	3 65
2037	do.	A. R. Grindlet	do.	2 53
2038	do.	D. S. Herriott, Mahomet	Creamery	3 79
2039	do.	C. A. Fogel, Mahomet	do.	3 41
2040	do.	T. H. Palmer, Fithian	do.	3 26
2041	do.	F. W. Watson, Muncie	do.	4 35
2042	do.	Robt. Childers, Ogden	do.	3 30
2043	do.	R. H. McAlister, Muncie	do.	3 97
2044	do.	Bert Barber, Mahomet	do.	3 70
2045	do.	Chas. J. Kissacks, Armstrong	do.	6 79
2046	do.	Andrew Shields, Dewey	do.	6 20
2047	do.	J. W. Rhoads, Fisher	do.	3 51
2048	do.	B. Jordan, Savoy	do.	4 29
2049	do.	T. F. Jordan, Savoy	do.	13 47
2050	do.	C. C. Ross, Savoy	do.	3 42
2051	Sept. 23	R. C. Glover	Wages, September, 1914	72 00
2052	do.	C. C. C. & St. L. Ry. Co.	Freight	99 61
2053	do.	C. C. C. & St. L. Ry. Co.	do.	6 51
2054	do.	Illinois Central R. R. Co.	do.	1 49
2055	do.	The Wabash R. R.	do.	15 28
2056	Sept. 24	John Weiss	Dairy office	8 23
2057	do.	John McCullough	do.	17 60
2058	do.	R. S. McInnes	do.	2 00
2059	do.	C. C. Rayburn	do.	6 95
2060	do.	E. F. Lyons	do.	3 47
2061	do.	Geo. Taylor	do.	2 48
2062	do.	Ralph Smith	do.	2 42
2063	do.	E. Grove	do.	5 30
2064	do.	Lou Creiger	do.	3 57
2065	do.	R. A. Lumsden	do.	1 96
2066	do.	David Wilkins	do.	1 19
2067	do.	L. J. Wienke, Homer	Creamery	6 26
2068	do.	E. R. Canady, Homer	do.	5 58
2069	do.	W. J. Wilson, Ogden	do.	2 57
2070	do.	J. D. Pulliam, Fithian	do.	3 41
2071	do.	Nicholas Hahn, Ogden	do.	4 50
2072	do.	Van Carter, Homer	do.	4 59
2073	do.	W. W. Meyer, Mt. Olive	do.	4 56
2074	do.	Ed. Householder, Fithian	do.	4 32
2075	do.	C. E. Smoot, Fithian	do.	3 97
2076	do.	H. Cherry, Ogden	do.	3 69
2077	do.	D. S. Herriott, Mahomet	do.	3 83
2078	do.	Frank Knox, Mahomet	do.	5 41
2079	do.	Wm. Case, Ogden	do.	4 31
2080	do.	J. C. Shrock, Fisher	do.	4 05
2081	do.	John Rueb, Fithian	do.	3 97
2082	do.	J. W. Hillard, Homer	do.	5 83
2083	do.	Ed. Smith, Homer	do.	5 05
2084	do.	W. C. Welch, Mt. Olive	do.	3 78
2085	do.	F. Stadden, Homer	do.	4 77
2086	do.	J. A. R. Koch, Mayview	do.	6 54
2087	do.	J. W. Rayburn, Bondville	do.	5 64
2088	do.	S. Atchison, Urbana, R. F. D.	do.	2 46
2089	do.	I. W. Maxwell, Urbana, R. F. D.	do.	3 22
2090	do.	J. W. Willsey, Urbana, R. F. D.	do.	5 64
2091	do.	Postal Telegraph & Cable Co.	Telephone and telegraph	2 63
2092	do.	Market Review Publishing Co.	Books	2 00
2093	do.	Geo. C. Maynard	Pamphlets	10 50
2094	do.	Bennett's Magazine Agency	Magazine	1 00
2095	do.	Ernst Hertzberg & Sons	Binding	867 22

## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1914			
2096	Sept. 25	J. W. Dunlap	Boiler repairs	\$ 358 60
2097	Sept. 26	Guy Hobick, Fithian	Creamery	4 62
2098	..do..	R. S. McNeith, Mahomet	..do..	3 80
2099	..do..	W. J. Kelly, Loda	..do..	3 92
2100	..do..	C. Ross, Savoy	..do..	2 64
2101	..do..	B. Jordan, Savoy	..do..	1 86
2102	..do..	E. L. Martin, Homer	..do..	3 22
2103	..do..	Andrew Shields, Dewey	..do..	5 19
2104	..do..	T. F. Jordan, Savoy	..do..	5 77
2105	..do..	Macy Bros., Fithian	..do..	8 22
2106	..do..	Ralph Ridgeley, Seymour	..do..	4 06
2107	..do..	H. Denhart, Ogden	..do..	3 69
2108	..do..	H. L. Ridgeley, Cerro Gordo	..do..	3 57
2109	Sept. 28	H. H. Symmes	Flooring	228 93
2110	..do..	M. Bentley	Traveling expenses	15 07
2111	..do..	W. M. Taylor	..do..	8 54
2112	..do..	C. C. C. & St. L. Ry. Co.	Freight	5 66
2113	..do..	Illinois Traction System	..do..	47 58
2114	..do..	Wabash R. R.	..do..	214 37
2115	..do..	Illinois Central R. R. Co.	..do..	17 52
2116	..do..	C. C. C. & St. L. Ry. Co.	..do..	14 16
2117	..do..	O. E. Staples, Bursar	Student labor	479 88
2118	..do..	O. E. Staples, Bursar	..do..	744 18
2119	..do..	O. E. Staples, Bursar	Rebates to students	821 75
2120	..do..	O. E. Staples, Bursar	Sundry bills	9 56
2121	..do..	O. E. Staples, Bursar	Express	50 81
2122	..do..	O. E. Staples, Bursar	General labor	993 48
2123	Sept. 29	Champaign County Abstract Co.	Making abstracts	21 00
2124	..do..	F. F. Hansell & Bro.	Books	15 00
2125	..do..	John Wiley & Sons	..do..	2 08
2126	..do..	National Council of Congregational Churches	Year book	1 25
2127	..do..	Mining World Co.	Book	1 50
2128	..do..	Psychological Review Co.	Magazine	4 00
2129	..do..	Bennett's Newspaper & Magazine Agency	Magazines	13 00
2130	..do..	McDewitt-Wilson	Book	1 50
2131	..do..	Mississippi Valley Historical Association	..do..	2 00
2132	..do..	Receivers, Central Union Telephone Co.	Telephone and telegraph	35 06
2133	..do..	Western Union Telegraph Co.	..do..	37 02
2134	..do..	The Peoples Gas Light & Coke Co.	Gas	2 40
2135	..do..	Ernst Hertzberg & Sons	Binding	1,428 32
2136	..do..	S. Lee Cox	Dairy office	2 51
2137	..do..	T. P. Lyons	..do..	2 98
2138	..do..	E. J. Percival	..do..	6 08
2139	..do..	C. C. Gordon	..do..	2 02
2140	..do..	M. Hudson	..do..	1 61
2141	..do..	P. P. Dunn	..do..	2 57
2142	..do..	R. A. Lumsden	..do..	2 48
2143	..do..	W. E. Yount, Homer	Creamery	4 40
2144	..do..	James Fisher, Ogden	..do..	1 95
2145	..do..	Frank Hetto, Homer	..do..	4 40
2146	..do..	R. H. Brewer, Ogden	..do..	5 33
2147	..do..	D. S. Herriott, Mahomet	..do..	7 18
2148	..do..	J. A. Morgan, Homer	..do..	3 16
2149	..do..	F. E. Elliott, Ogden	..do..	2 48
2150	..do..	H. Ray, Homer	..do..	2 08
2151	..do..	J. B. Skinner, Fithian	..do..	3 91
2152	..do..	F. W. Howell, Homer	..do..	2 42
2153	..do..	Fred Krukewitt, Homer	..do..	4 43
2154	..do..	E. R. Canady, Homer	..do..	5 46
2155	..do..	R. J. Craig, Fairmount	..do..	4 43
2156	..do..	J. Hammack, Savoy	..do..	1 89
2157	..do..	E. W. Smalley, Savoy	..do..	2 55
2158	..do..	C. A. Fogel, Mahomet	..do..	3 53
2159	..do..	I. W. Maxwell, Urbana, R. F. D.	..do..	3 01
2160	..do..	J. W. Willsey, Urbana, R. F. D.	..do..	5 89
2161	..do..	W. H. Gray, Urbana, R. F. D.	..do..	1 33
2162	Sept. 30	A. C. McClurg & Co.	Books	1 67
2163	..do..	A. F. Hakanson	Research assistance	55 00
2164	..do..	J. Manz Engraving Co.	Half tone engravings	42 45
2165	..do..	Stafford Engraving Co.	Half tones	10 69
2166	..do..	Tom Murray	Traveling expenses	8 54
2167	..do..	John T. Alexander	..do..	8 54
2168	..do..	H. A. Ruehe	..do..	4 70
2169	..do..	O. E. Staples, Bursar	Sundry bills	2 54
2170	..do..	W. H. Browne, Secretary College of Medicine	Sundry bills	236 77
2171	..do..	J. McCann Davis	Docket fee	10 00

## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1914			
2172	Sept. 30	A. A. Harding	Traveling expenses	\$ 72 65
2173	do.	A. R. Grindley	Dairy office	5 67
2174	do.	E. F. Lyons	do.	2 26
2175	do.	Geo. Taylor	do.	3 72
2176	do.	Ralph Smith	do.	3 60
2177	do.	H. I. Nelson	do.	2 28
2178	do.	C. E. Kelly, Paxton	Creamery	3 01
2179	do.	Frank Knox, Mahomet	do.	5 04
2180	do.	Robt. Childers, Ogden	do.	3 04
2181	do.	S. G. Richards, Muncie	do.	4 12
2182	do.	T. H. Palmer	do.	3 60
2183	do.	Ralph Ridgeley, Seymour	do.	4 03
2184	do.	S. C. Payne, Fithian	do.	2 82
2185	do.	S. T. Carter, Mahomet	do.	5 29
2186	do.	W. D. Rohl, Homer	do.	6 20
2187	do.	J. M. Hillard, Homer	do.	6 14
2188	do.	C. G. Plottner, Fithian	do.	4 77
2189	do.	B. Jordan, Savoy	do.	3 88
2190	do.	C. E. Ross, Savoy	do.	3 60
2191	do.	T. F. Jordan, Savoy	do.	7 60
2192	do.	A. J. Spohn, Morrison	do.	11 40
2193	do.	P. J. Peterson, Round Lake	do.	10 80
2194	do.	O. W. Albright, Scales Mound	do.	6 00
2195	do.	Richmond Bros. Co., Waterman	do.	10 15
2196	do.	Wm. Englebrecht & Co., Mt. Carroll	do.	6 09
2197	do.	C. Junge, Jr., Round Lake	do.	9 30
2198	do.	J. A. Shake, Amboy	do.	7 30
2199	do.	Freeport Dairy & Produce Co., Freeport	do.	7 00
2200	do.	F. Grimm, Hickory Grove	do.	4 11
2201	do.	Fred F. Lockwood, 213 East U Street, Danville	do.	7 50
2202	do.	Frank Szerlong, Camp Point	do.	7 45
2203	do.	Twin City Creamery, Champaign	do.	7 45
2204	do.	Carl Larson, Pioneer Creamery, Galesburg	do.	10 80
2205	do.	Monmouth Creamery Co., Monmouth	do.	7 25
2206	do.	R. J. Collier, Taylorville	do.	9 28
2207	do.	Watseka Creamery Co., Watseka	do.	4 50
2208	do.	W. F. Strain, Leroy	do.	4 96
2209	do.	Newton Creamery Co., Newton	do.	10 80
2210	do.	H. E. Selgman, Bogota	do.	10 75
2211	do.	A. S. Ambrose, Virden	do.	1 45
2212	do.	O. S. Coffin, Claremont	do.	7 70
2213	do.	David Wilkins	Dairy office	2 64
2214	do.	R. S. McInnes	do.	1 40
2215	do.	C. C. Gordon	do.	2 98
2216	do.	Lou Creiger	do.	5 15
2217	do.	E. Grove	do.	6 88
2218	do.	R. A. Lumsden	do.	2 76
2219	do.	J. H. Umbanhowar, Homer	Creamery	5 02
2220	do.	H. Cherry, Ogden	do.	3 57
2221	do.	F. Watson, Muncie	do.	4 77
2222	do.	Van Carter, Homer	do.	3 84
2223	do.	J. A. R. Koch, Mayview	do.	5 58
2224	do.	W. J. Wilson, Ogden	do.	3 91
2225	do.	W. E. Womachs, Ogden	do.	1 89
2226	do.	H. F. Ridgeley, Cerro Gordo	do.	2 42
2227	do.	L. F. Bialeschski, Pesotum	do.	4 01
2228	do.	Andrew Shields, Dewey	do.	5 35
2229	do.	M. D. Allen, Homer	do.	2 42
2230	do.	J. D. Pulliam, Fithian	do.	3 69
2231	do.	W. D. Rohl, Homer	do.	6 94
2232	do.	F. W. Howell, Homer	do.	2 95
2233	do.	John Rueb, Fithian	do.	6 36
2234	do.	Nicholas Hahn, Ogden	do.	4 37
2235	do.	Wm. Case, Ogden	do.	4 46
2236	do.	E. R. Canady, Homer	do.	3 91
2237	do.	W. C. Welch, Urbana, R. F. D. No. 12	do.	5 08
2238	do.	O. E. Staples, Bursar	do.	4 25
2239	do.	O. E. Staples, Bursar	Express	15 31
2240	do.	The Alumni Quarterly	Student labor	147 90
2241	do.	Sheldon Brick & Building Supply Co.	Quarterly allowance for July	250 00
2242	do.	Sheldon Brick & Building Supply Co.	Brick	147 90
2243	Oct. 1	J. M. Kollogg	Salary, September, 1914	150 00
2244	do.	C. E. Smith	do.	122 11
2245	do.	Lillian Strong	do.	50 00
2246	do.	H. F. Moore	do.	20 84
2247	do.	Harry Gardner	do.	10 00
2248	do.	D. S. Blondheim	do.	166 66

## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1914			
2249	Oct. 1	Geo. N. Hiskey.....	Salary, September, 1914.....	\$ 45 00
2250	..do..	T. S. Jones.....	..do..	83 33
2251	..do..	J. E. Miller.....	..do..	60 00
2252	..do..	Nellie Roberts.....	..do..	11 25
2253	..do..	H. B. Read.....	..do..	70 00
2254	..do..	H. E. Metcalf.....	..do..	30 00
2255	..do..	R. E. Gilmore.....	..do..	50 00
2256	..do..	W. A. Buchen.....	..do..	150 00
2257	Oct. 2	H. P. Greison.....	Wages, September, 1914.....	4 60
2258	..do..	Max Rukin.....	..do..	2 20
2259	..do..	B. O. Mills.....	..do..	1 80
2260	..do..	W. R. Morrison.....	..do..	7 43
2261	..do..	Earle U. Rugg.....	..do..	9 50
2262	..do..	C. E. Runyan.....	..do..	3 00
2263	..do..	Boyd Teeters.....	..do..	2 20
2264	..do..	H. W. Thurston.....	..do..	6 98
2265	..do..	Mildred Klindworth.....	..do..	4 00
2266	..do..	Harold F. Krauss.....	..do..	4 60
2267	..do..	Ralph Hummeland.....	..do..	6 00
2268	..do..	Louis Trautman.....	..do..	6 90
2269	..do..	A. C. Erdahl.....	..do..	5 00
2270	..do..	O. W. Allen.....	..do..	5 60
2271	..do..	Russell Castle.....	..do..	6 40
2272	..do..	Jas. Colbert.....	..do..	10 25
2273	..do..	Grace Geyer.....	..do..	2 60
2274	..do..	Edna Millizen.....	..do..	5 80
2275	..do..	Rachel Myers.....	..do..	2 00
2276	..do..	Mary Craigmille.....	..do..	3 60
2277	..do..	Olive Paine.....	..do..	5 00
2278	..do..	R. H. Brooks.....	..do..	2 60
2279	..do..	C. C. Foulk.....	..do..	6 81
2280	..do..	J. K. Frim.....	..do..	24 63
2281	..do..	Amy Hinshaw.....	..do..	2 10
2282	..do..	E. F. Hohman.....	..do..	5 40
2283	..do..	Harriet Berninger.....	..do..	3 30
2284	..do..	Ruth Fox.....	..do..	2 50
2285	..do..	Irma Houser.....	..do..	2 80
2286	..do..	A. Bagustin.....	..do..	50 00
2287	..do..	C. P. Barkman.....	..do..	30 00
2288	..do..	A. P. Brown.....	..do..	32 00
2289	..do..	Gordon Klein.....	..do..	34 20
2290	..do..	A. H. Lenz.....	..do..	30 70
2291	..do..	Alma N. Penrose.....	..do..	41 62
2292	..do..	N. Romero.....	..do..	23 40
2293	..do..	Ella Tillotson.....	..do..	3 70
2294	..do..	Geo. S. Hedrick.....	..do..	16 50
2295	..do..	Geo. S. Hedrick.....	..do..	22 80
2296	..do..	W. R. Jones.....	..do..	17 10
2297	..do..	Henry Miner.....	..do..	7 10
2298	..do..	Chas. Rehling.....	..do..	4 10
2299	..do..	Arthur Sempie.....	..do..	38 12
2300	..do..	W. F. Campbell.....	..do..	30 00
2301	..do..	J. A. Chase.....	..do..	2 00
2302	..do..	S. C. Skemp.....	..do..	9 50
2303	..do..	H. P. Thurlow.....	..do..	30 00
2304	..do..	Leal W. Reese.....	..do..	22 10
2305	..do..	Nellie McVey.....	..do..	11 66
2306	..do..	Lloyd D. Bunting.....	..do..	23 30
2307	..do..	Nellie Barnes.....	..do..	16 40
2308	..do..	Ray Wilson.....	..do..	49 83
2309	..do..	H. J. Weiland.....	..do..	13 84
2310	..do..	O. E. Staples, Bursar.....	Rebates to students.....	358 50
2311	..do..	David Kinley.....	Traveling expenses.....	35 50
2312	..do..	Western Union Telegraph Co.....	Telephone and telegraph.....	33 56
2313	..do..	H. B. Reed.....	Balance of salary for September, 1914.....	70 00
2314	..do..	C. L. Stewart.....	Stipendia, September, 1914.....	45 00
2315	..do..	W. E. Burge.....	Balance of salary for September, 1914.....	8 33
2316	Oct. 3	O. E. Staples, Bursar.....	Rebates to students.....	535 75
2317	..do..	J. W. Dunlap.....	Payment on boiler house addi- tion, setting boilers.....	400 00
2318	..do..	W. B. Day, Actuary, School of Pharmacy.....	Sundry bills.....	90 11
2319	..do..	T. H. Flood & Co.....	Books.....	13 40
2320	..do..	G. E. Stechert & Co.....	..do..	64 39
2321	..do..	A. C. McClurg & Co.....	..do..	26 38
2322	..do..	Ernst Hertzberg & Sons.....	Books and binding.....	233 78
2323	..do..	L. R. Lang.....	Traveling expenses.....	1 50

## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1914			
2324	Oct. 3	E. V. Percival	Dairy office.	\$ 3 23
2325	do.	John McCullough	do	6 42
2326	do.	Robt. Graham	do	10 73
2327	do.	Geo. Taylor	do	2 17
2328	do.	E. J. Percival	do	1 45
2329	do.	B. L. Barber, Mahomet	Creamery	2 77
2330	do.	D. S. Herriott, Mahomet	do	10 41
2331	do.	W. L. Davis, Fisher	do	4 45
2332	do.	W. J. Kelly, Loda	do	4 05
2333	do.	H. Denhart, Ogden	do	4 56
2334	do.	R. J. Craig, Homer	do	4 46
2335	do.	Wm. VanBuskirk, Fithian	do	3 91
2336	do.	C. A. Fogel, Mahomet	do	3 72
2337	do.	T. F. Jordan, Savoy	do	4 15
2338	do.	B. Jordan, Savoy	do	2 54
2339	do.	C. C. Ross, Savoy	do	2 20
2340	do.	J. A. Daeger, Tolono	do	3 01
2341	do.	Arthur Morgan, Homer	do	3 60
2342	do.	J. W. Rhodes, Fisher	do	3 67
2343	do.	Ted Lowery, Homer	do	4 87
2344	do.	John Weiss, Urbana, R. F. D. No. 9	do	7 13
2345	do.	S. Atchinson, Urbana, R. F. D.	do	13 69
2346	do.	J. W. Willsey, Urbana, R. F. D.	do	6 32
2347	Oct. 5	G. H. Radebaugh	Salary, September, 1914	120 00
2348	do.	C. A. Ruckmich	do	150 00
2349	do.	C. M. Thompson	do	191 66
2350	do.	A. G. Eldredge	do	250 00
2351	do.	C. R. Moore	do	150 00
2352	do.	Wm. Trelease	Botany supplies	11 22
2353	do.	Pantagraph Printing & Stationery Co.	Printing	197 11
2354	do.	Geo. Banta Publishing Co.	Express	4 98
2355	do.	J. J. Didcock	Salary, September, 1914	133 33
2356	Oct. 6	J. Hammack	Dairy office.	2 33
2357	do.	M. Hudson	do	1 46
2358	do.	A. R. Grindley	do	2 59
2359	do.	Ralph Smith	do	3 84
2360	do.	T. P. Lyons	do	1 83
2361	do.	R. A. Lumsden	do	1 87
2362	do.	P. P. Dunn	do	3 07
2363	do.	J. W. Rayburn, Bondville	Creamery	6 26
2364	do.	Frank Knox, Mahomet	do	5 01
2365	do.	R. H. Brewer, Ogden	do	6 01
2366	do.	Frank Hetro, Homer	do	4 15
2367	do.	Jas. Fisher, Ogden	do	3 94
2368	do.	C. C. Rayburn, Bondville	do	8 31
2369	do.	W. E. Yount, Homer	do	6 05
2370	do.	Macy Bros., Fithian	do	8 18
2371	do.	J. W. Hillard, Homer	do	6 32
2372	do.	Frank Stadden, Homer	do	5 18
2373	do.	F. W. Howell, Homer	do	2 48
2374	do.	C. J. Kissacks, Potomac	do	6 38
2375	do.	H. Ray, Homer	do	2 60
2376	do.	E. R. Canady, Homer	do	5 36
2377	do.	A. J. Brukwitt, Homer	do	5 05
2378	do.	Jas. Freeman, Fithian	do	2 85
2379	do.	Z. Alsip, Ogden	do	3 19
2380	do.	Fred Rein, Urbana	do	4 43
2381	do.	J. D. Perham, Homer	do	3 50
2382	do.	I. W. Maxwell, Urbana, R. F. D.	do	4 40
2383	do.	W. W. Meyer, Urbana, R. F. D. No. 12	do	4 31
2384	do.	W. H. Gray, Urbana, R. F. D.	do	1 05
2385	do.	Engineering Record	Advertising	5 13
2386	do.	Ernst Hertzberg & Sons	Books	4 98
2387	do.	S. R. Farah	Wages, September, 1914	3 80
2388	do.	R. E. McDowell	do	16 60
2389	do.	Chas. M. Webber, Postmaster	Money advanced for postage on University of Illinois bulletins.	50 00
2390	Oct. 7	O. E. Staples, Bursar	Rebates to students	169 25
2391	do.	O. E. Staples, Bursar	Express	72 84
2392	do.	C. C. & St. L. Ry. Co.	Freight	42 00
2393	do.	C. C. & St. L. Ry. Co.	do	37 51
2394	do.	Illinois Traction System	do	1 47
2395	do.	Illinois Central R. R. Co.	do	7 30
2396	do.	The Wabash R. R.	do	33 72
2397	do.	Eva G. Miller	Salary, September, 1914	66 66
2398	do.	Elizabeth Hester	Salary, Sept. 18-30	25 38
2399	do.	T. D. Yensen	Salary September, 1914	133 33
2400	do.	A. M. Buck	do	150 00



## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1914			
2401	Oct. 7	Ralph P. Brown	Wages, September, 1914	\$ 18 00
2402	do.	E. K. Augustus	do.	70 00
2403	do.	Mrs. Laura B. Evans	Traveling expenses	54 00
2404	Oct. 8	E. V. Percival	Dairy office	3 06
2405	do.	Geo. Taylor	do.	2 74
2406	do.	R. A. Lumsden	do.	2 72
2407	do.	David Wilkins	do.	2 42
2408	do.	R. S. McInnes	do.	3 50
2409	do.	C. C. Gordon	do.	3 56
2410	do.	E. F. Lyons	do.	3 87
2411	do.	Ralph Smith	do.	3 47
2412	do.	E. Grove	do.	6 14
2413	do.	Lou Creiger	do.	4 50
2414	do.	H. I. Nelson	do.	3 97
2415	do.	A. R. Grindley	do.	3 66
2416	do.	F. W. Howell, Homer	Creamery	2 91
2417	do.	Nicholas Hahn, Ogden	do.	3 50
2418	do.	E. R. Canady, Homer	do.	4 90
2419	do.	Louie J. Wieneke, Homer	do.	6 91
2420	do.	F. J. Kuder, St. Joseph	do.	3 22
2421	do.	J. H. Umbanhowar, Homer	do.	4 87
2422	do.	W. D. Rohl, Homer	do.	4 65
2423	do.	Wm. Case, Ogden	do.	5 36
2424	do.	J. D. Pulliam, Fithian	do.	3 07
2425	do.	S. G. Richards, Muncie	do.	3 60
2426	do.	J. B. Skinner, Fithian	do.	3 10
2427	do.	Van Carter, Homer	do.	4 25
2428	do.	Ralph Ridgeley, Seymour	do.	3 84
2429	do.	H. Cherry, Ogden	do.	3 07
2430	do.	D. S. Herriott, Mahomet	do.	6 08
2431	do.	J. A. R. Koch, Mayview	do.	4 74
2432	do.	G. W. Van Meter, Savoy	do.	3 35
2433	do.	Andrew Shields, Dewey	do.	5 67
2434	do.	W. L. Kelley, Loda	do.	3 07
2435	do.	Chester Coulter, Paxton	do.	5 33
2436	do.	C. E. Kelley, Paxton	do.	4 71
2437	do.	Ed. Smith, Homer	do.	2 17
2438	do.	H. F. Ridgeley, Cerro Gordo	do.	4 94
2439	do.	J. C. Schrock, Fisher	do.	5 24
2440	do.	Guy Hobick, Fithian	do.	4 98
2441	do.	A. Ekblaw, Rantoul	do.	4 34
2442	do.	Ed. Householder, Fithian	do.	3 69
2443	do.	E. L. Martin, Homer	do.	3 57
2444	do.	B. Jordan, Savoy	do.	3 22
2445	do.	C. C. Ross, Savoy	do.	5 67
2446	do.	T. F. Jordan, Savoy	do.	2 98
2447	do.	Earl Dixon, Fithian	do.	2 79
2448	do.	Robt. Childers, Ogden	do.	3 32
2449	do.	W. C. Welch, Urbana, R. F. D.	do.	6 05
2450	do.	J. W. Willsey, Urbana, R. F. D.	do.	166 66
2451	do.	Leonard Bloomfield	Salary, September, 1914	25 00
2452	do.	R. W. Tinsley	do.	12 00
2453	Oct. 9	H. D. Easton	Traveling expenses	25 90
2454	do.	B. R. Ordonez	Wages, September, 1914	12 00
2455	do.	Leo S. Baldwin	do.	239 00
2456	do.	O. E. Staples, Bursar	Rebates to students	247 57
2457	do.	W. H. Browne, Secretary College of Medicine	Sundry bills	9 21
2458	do.	Ernst Hertzberg & Sons	Books	
2459	do.	A. Hoen & Co.	Copies of McLean County soil map	1,772 00
2460	do.	H. H. Stoek	Traveling expenses	11 54
2461	do.	Florence E. Watson	do.	16 07
2462	do.	Chas. L. Stewart	do.	62 30
2463	do.	John E. Kirshman	Stipendia, September, 1914	40 00
2464	do.	C. B. Richard & Co.	Freight	3 50
2465	do.	Coal Age	Subscriptions	15 00
2466	do.	Eugene Dietzgen Co.	Office supplies	8 06
2467	do.	E. J. Percival	Dairy office	2 78
2468	do.	C. G. Plotzner, Fithian	Creamery	4 46
2469	do.	W. L. Davis, Fisher	do.	4 51
2470	do.	C. J. Gillespie, Mahomet	do.	2 96
2471	do.	C. A. Fogel, Mahomet	do.	4 08
2472	do.	Wm. Leischner, Milhine	do.	4 34
2473	do.	Bert Barber, Mahomet	do.	2 40
2474	do.	Frank Knox, Mahomet	do.	5 41
2475	do.	J. W. Hillard, Homer	do.	6 01
2476	do.	T. H. Palmer, Fithian	do.	3 35

## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
<b>1914</b>				
2477	Oct. 9	H. Denhart, Ogden.	Creamery.	\$ 4 50
2478	..do..	S. C. Payne, Fithian.	..do..	2 67
2479	..do..	F. Watson, Muncie.	..do..	1 49
2480	..do..	T. F. Jordan, Savoy.	..do..	3 72
2481	..do..	C. C. Ross, Savoy.	..do..	2 42
2482	..do..	B. Jordan, Savoy.	..do..	4 34
2483	..do..	I. W. Maxwell, Urbana, R. F. D.	..do..	3 10
2484	..do..	W. W. Myer, R. F. D. No. 12, Urbana	..do..	4 19
2485	Oct. 12	T. P. Lyons.	Dairy office.	1 48
2486	..do..	P. P. Dunn.	..do..	4 00
2487	..do..	R. S. McInnes.	..do..	1 24
2488	..do..	R. A. Lumsden.	..do..	1 56
2489	..do..	Ralph Smith.	..do..	3 26
2490	..do..	J. W. Rayburn, Bondville.	Creamery.	4 53
2491	..do..	C. C. Rayburn, Bondville.	..do..	7 41
2492	..do..	R. H. Brewer, Ogden.	..do..	6 08
2493	..do..	W. J. Wilson, Ogden.	..do..	3 26
2494	..do..	C. E. Smoot, Fithian.	..do..	4 77
2495	..do..	W. E. Yount, Homer.	..do..	5 92
2496	..do..	W. E. Womachs, Ogden.	..do..	1 98
2497	..do..	S. T. Carter, Seymour.	..do..	4 32
2498	..do..	D. S. Herriott, Mahomet.	..do..	4 32
2499	..do..	E. R. Canady, Homer.	..do..	5 39
2500	..do..	Frank Alsip, Ogden.	..do..	1 92
2501	..do..	Van Carter, Homer.	..do..	4 59
2502	..do..	Jas. Fisher, Ogden.	..do..	3 60
2503	..do..	J. A. R. Koch, Mayview.	..do..	5 86
2504	..do..	E. P. Ott, Ogden.	..do..	4 06
2505	..do..	R. H. McAlister, Muncie.	..do..	4 59
2506	..do..	J. W. Rhodes, Fisher.	..do..	3 55
2507	..do..	Jas. Hammack, Urbana, R. F. D.	..do..	3 61
2508	..do..	J. W. Willsey, Urbana, R. F. D.	..do..	5 64
2509	..do..	W. H. Gray, Urbana, R. F. D.	..do..	1 52
2510	Oct. 13	E. W. Mattoon.	Wages, September, 1914.	60 00
2511	..do..	Homer Taylor.	Wages, Oct. 5-10, 1914.	47 00
2512	..do..	Agnes A. Wagner.	Wages, September, 1914.	45 00
2513	..do..	Edna Krudwig.	Salary, September, 1914.	40 00
2514	..do..	C. R. Newell.	..do..	100 00
2515	..do..	Illinois State Reformatory.	Circulars.	341 35
2516	..do..	Pantagraph Printing & Stationery Co.	Printing.	1,059 29
2517	..do..	The Chester Transfer Co.	Auto hire.	4 00
2518	..do..	Otto Von Tessler.	Salary, September, 1914.	25 00
2519	Oct. 14	C. G. Patterson, Muncie.	Creamery.	5 34
2520	..do..	The Wabash R. R.	Freight.	117 46
2521	..do..	C. C. & St. L. Ry. Co.	..do..	4 82
2522	..do..	The Wabash R. R.	..do..	2 02
2523	..do..	C. C. & St. L. Ry. Co.	..do..	53 85
2524	..do..	H. E. Cunningham.	Traveling expenses.	27 04
2525	..do..	O. A. Harker.	..do..	13 33
2526	..do..	Illinois State Reformatory.	Circulars.	30 10
2527	..do..	O. E. Staples, Bursar.	Rebates to students.	165 75
2528	..do..	Schaefer & Dolan.	Premium on bonds.	60 00
2529	..do..	H. H. Wheeler.	Services, College of Agriculture Aug. 22-31.	25 00
2530	..do..	J. Manz Engraving Co.	Laboratory supplies.	4 70
2531	..do..	Henry L. Fowkes.	Names and addresses of teachers in Christian County.	1 50
2532	..do..	D. P. Hollis.	Names and addresses of teachers in Pike County.	2 00
2533	..do..	W. F. Boyes.	Names and addresses of teachers in Knox County.	1 00
2534	..do..	John H. Steiner.	Names and addresses of teachers in Adams County.	1 50
2535	..do..	A. M. Shelton.	Names and addresses of teachers in McHenry County.	1 00
2536	Oct. 15	David Wilkins.	Dairy office.	2 08
2537	..do..	R. S. McInnes.	..do..	1 13
2538	..do..	C. C. Gordon.	..do..	1 30
2539	..do..	R. A. Lumsden.	..do..	2 52
2540	..do..	Frank Stadden, Homer.	Creamery.	4 81
2541	..do..	Z. Alsip, Ogden.	..do..	3 41
2542	..do..	Wm. Case, Ogden.	..do..	4 90
2543	..do..	L. F. Bialeschski, Pesotum.	..do..	3 26
2544	..do..	F. W. Howell, Homer.	..do..	2 23
2545	..do..	H. Denhart, Ogden.	..do..	3 19
2546	..do..	J. D. Pulliam, Fithian.	..do..	3 13
2547	..do..	R. J. Craig, Fairmount.	..do..	4 34
2548	..do..	Fred Krukewitt, Homer.	..do..	3 13

## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1914			
2549	Oct. 15	D. S. Herriott, Mahomet.	Creamery.	\$ 6 30
2550	do.	W. J. Kelly, Loda.	do.	4 88
2551	do.	Andrew Shields, Dewey.	do.	4 76
2552	do.	Frank Hetro, Homer.	do.	4 28
2553	do.	J. H. Umbanhowar, Homer.	do.	4 34
2554	do.	J. W. Hillard, Homer.	do.	6 08
2555	do.	E. R. Canady, Homer.	do.	4 65
2556	do.	J. A. R. Koch, Mayview.	do.	6 14
2557	do.	W. C. Welch, Urbana, R. F. D. No. 12.	do.	3 63
2558	Oct. 16	Ralph Smith.	Dairy office.	3 44
2559	do.	H. I. Nelson.	do.	3 24
2560	do.	A. E. Grindley.	do.	5 22
2561	do.	E. Grove.	do.	6 48
2562	do.	Lou Creiger.	do.	4 31
2563	do.	Harvey Ray, Homer.	Creamery.	2 91
2564	do.	Macy Bros.	do.	9 27
2565	do.	Ralph Ridgeley, Seymour.	do.	4 06
2566	do.	John Rueb, Fithian.	do.	6 79
2567	do.	F. C. Huder, St. Joseph.	do.	2 76
2568	do.	Jas. Freeman, Fithian.	do.	3 94
2569	do.	Guy Hobick, Fithian.	do.	5 27
2570	do.	S. Lee Cox, Oakwood.	do.	2 95
2571	do.	Robt. Childers, Ogden.	do.	2 54
2572	do.	B. Jordan, Savoy.	do.	1 92
2573	do.	C. C. Ross, Savoy.	do.	3 13
2574	do.	T. F. Jordan, Savoy.	do.	7 35
2575	Oct. 17	John McCullough.	Dairy office.	1 88
2576	do.	Robt. Graham.	do.	10 99
2577	do.	E. V. Percival.	do.	3 54
2578	do.	E. J. Percival.	do.	3 96
2579	do.	C. A. Fogel.	do.	3 99
2580	do.	W. D. Kohl, Homer.	Creamery.	10 18
2581	do.	Frank Knox.	do.	3 43
2582	do.	C. E. Kelley, Paxton.	do.	3 43
2583	do.	H. F. Ridgeley, Cerro Gordo.	do.	2 50
2584	do.	Wm. Van Buskirk, Fithian.	do.	3 58
2585	do.	C. C. Ross, Savoy.	do.	2 88
2586	do.	Adam Primmer, Mahomet, R. F. D. No. 42.	do.	3 89
2587	do.	E. F. Lyons, Urbana, R. F. D. No. 10.	do.	3 64
2588	do.	T. F. Jordan, Savoy, R. F. D. No. 6.	do.	5 24
2589	do.	B. Jordan, Savoy, R. F. D. No. 6.	do.	1 05
2590	do.	S. Atchison, Urbana, R. F. D.	do.	5 92
2591	do.	H. L. Heunink.	Wages, September, 1914.	35 00
2592	do.	Postal Telegraph Cable Co.	Telephone and telegraph.	5 32
2593	do.	Peck & Hills Furniture Co.	Desk chair.	6 61
2594	do.	A. O. Shackles.	Salary, September, 1914.	166 66
2595	do.	A. W. Shaw Co.	Books.	19 00
2596	do.	David Kinley.	Traveling expenses.	15 88
2597	do.	O. E. Staples, Bursar.	Sundry bills.	49 99
2598	do.	O. E. Staples, Bursar.	do.	56 87
2599	do.	O. E. Staples, Bursar.	Express.	73 68
2600	do.	O. E. Staples, Bursar.	Rebates to students.	218 25
2601	Oct. 19	Pantagraph Printing & Stationery Co.	Printing.	61 10
2602	do.	O. E. Staples, Bursar.	Rebates to students.	392 00
2603	do.	O. E. Staples, Bursar.	Express.	61 65
2604	do.	O. E. Staples, Bursar.	Sundry bills.	45 37
2605	do.	O. E. Staples, Bursar.	Rebates to students.	145 00
2606	do.	J. D. White.	Postage.	362 00
2607	Oct. 20	O. E. Staples, Bursar.	Rebates to students.	593 75
2608	do.	McGraw-Hill Book Co., Inc.	Books.	25 30
2609	do.	G. E. Stechert & Co.	do.	15 53
2610	do.	Pantagraph Printing & Stationery Co.	Printing.	183 98
2611	do.	C. C. C. & St. L. Ry. Co.	Freight.	1 00
2612	do.	The Wabash Railroad.	do.	39 17
2613	do.	C. C. C. & St. L. Ry. Co.	do.	2 87
2614	do.	Illinois Central R. R. Co.	do.	82 81
2615	do.	C. C. C. & St. L. Ry. Co.	do.	47 45
2616	do.	Ralph Smith.	Dairy office.	3 65
2617	do.	R. A. Lumsden.	do.	1 89
2618	do.	C. C. Gordon.	do.	1 98
2619	do.	P. P. Dunn.	do.	4 06
2620	do.	J. R. Maxwell, Muncie.	Creamery.	3 36
2621	do.	D. S. Herriott, Mahomet.	do.	4 59
2622	do.	L. J. Wienke, Homer.	do.	6 34
2623	do.	P. J. Wagner, Ogden.	do.	6 56
2624	do.	C. E. Kelly, Paxton.	do.	3 66
2625	do.	James Fisher, Ogden.	do.	3 58
2626	do.	B. H. Brewer, Ogden.	do.	6 27

## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
<b>1914</b>				
2627	Oct. 20	S. C. Payne, Fithian	Creamery	\$ 3 52
2628	do.	W. J. Wilson, Ogden	do.	3 49
2629	do.	J. B. Marsh, Ogden	do.	6 94
2630	do.	Van Carter, Homer	do.	5 05
2631	do.	W. E. Yount, Homer	do.	4 96
2632	do.	A. E. Ekblaw, Rantoul	do.	5 28
2633	do.	J. M. Hammack, Champaign, R. F. D. No. 6.	do.	4 28
2634	do.	John Willsey, Urbana, R. F. D. No. 10	do.	5 98
2635	do.	A. R. Grindley	Dairy office	6 98
2636	do.	H. I. Nelson	do.	3 08
2637	do.	E. Grove	do.	6 72
2638	do.	Lou Creiger	do.	5 84
2639	do.	Frank Watson, Muncie	Creamery	4 09
2640	do.	R. H. McAlister, Muncie	do.	5 76
2641	do.	Guy Hobick, Fithian	do.	5 15
2642	do.	T. H. Palmer, Muncie	do.	2 49
2643	do.	Bert Barber, Mahomet	do.	2 54
2644	do.	Arthur Morgan, Homer	do.	4 67
2645	do.	G. W. Miller, Mahomet	do.	4 91
2646	do.	E. F. Ott, Ogden	do.	3 58
2647	do.	C. E. Smoot, Fithian	do.	3 93
2648	do.	Ralph Kidgeley, Seymour	do.	4 35
2649	do.	J. C. Shrock, Fisher	do.	5 04
2650	do.	John Cornett, Glover	do.	3 36
2651	do.	John W. Hillard, Homer, R. F. D. No. 60.	do.	7 04
2652	do.	Andrew W. Primmer, Mahomet, R. F. D. No. 42.	do.	4 16
2653	do.	John Willsey, Urbana, R. F. D. No. 10	do.	6 04
2654	do.	T. F. Jordan, Savoy, R. F. D. No. 66.	do.	7 81
2655	do.	B. Jordan, Savoy, R. F. D. No. 66.	do.	2 43
2656	do.	C. Ross, Savoy, R. F. D. No. 6	do.	1 63
2657	Oct. 21	C. C. Gordon	Dairy office	2 33
2658	do.	R. A. Lumsden	do.	2 46
2659	do.	Frank Knox, Mahomet	Creamery	2 00
2660	do.	Ed. Householder, Fithian	do.	5 53
2661	do.	Robt. Childers, Ogden	do.	2 94
2662	do.	J. B. Skinner, Fithian	do.	2 97
2663	do.	Henry Gorman, Fithian	do.	6 24
2664	do.	J. W. Rayburn, Bondville	do.	10 33
2665	do.	F. C. Kuder, St. Joseph	do.	2 53
2666	do.	H. Cherry, Ogden	do.	5 12
2667	do.	Chester Coulter, Paxton	do.	3 18
2668	do.	Andrew Shields, Dewey	do.	6 10
2669	do.	Harvey Ray, Homer	do.	3 58
2670	do.	Ed. Smith, Homer	do.	5 09
2671	do.	Wm. Case, Ogden	do.	5 12
2672	do.	Nicholas Hahn, Ogden	do.	4 99
2673	do.	F. W. Howell, Homer	do.	2 72
2674	do.	F. E. Elliott, Ogden	do.	2 62
2675	do.	A. J. Krukewitt, Homer	do.	5 47
2676	do.	D. Denhart, Ogden	do.	3 93
2677	do.	J. A. R. Koch, Mayview	do.	5 92
2678	do.	W. C. Welch, Urbana, R. F. D. No. 12.	do.	3 45
2679	do.	W. W. Meyer, Urbana, R. F. D. No. 12.	do.	4 32
2680	do.	David Wilkins, Urbana, R. F. D. No. 8.	do.	2 11
2681	do.	E. A. Smith, Urbana, R. F. D. No. 7.	do.	3 61
2682	do.	Hubert R. Hall	Traveling expenses	5 00
2683	do.	Geo. Banta Publishing Co.	Express	1 19
2684	do.	W. E. Simmonds	Salary, September, 1914	50 00
2685	do.	G. E. Stechert & Co.	Books	8 80
2686	Oct. 23	O. E. Staples, Bursar	Rebates to students	606 00
2687	do.	C. C. & St. L. Ry. Co.	Freight	74 26
2688	do.	Egypt Exploration Fund	Case of antiquities	5 00
2689	do.	M. E. Case, Secretary and Treasurer Safety First Mine Inspection Bureau	Services in Peoria Night School	50 00
2690	do.	Ralph Smith	Dairy office	3 80
2691	do.	D. S. Herriott, Mahomet	Creamery	7 53
2692	do.	C. A. Fogel, Mahomet	do.	3 16
2693	do.	Frank Knox, Mahomet	do.	5 97
2694	do.	H. Allison, Homer	do.	6 14
2695	do.	F. W. Watson, Muncie	do.	3 58
2696	do.	S. Lee Cox, Oakwood	do.	3 65
2697	do.	T. F. Jordan, Savoy	do.	4 96
2698	do.	W. J. Kelly, Loda	do.	4 04
2699	do.	M. B. Allen, Homer	do.	3 33
2700	do.	J. W. Rhoades, Fisher	do.	3 12
2701	do.	W. L. Davis, Mahomet	do.	10 25
2702	do.	James Freeman, Fithian	do.	3 48

## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1914			
2703	Oct. 23	Frank Stadden, Homer	Creamery	\$ 5 34
2704	do.	John Rueb, Fithian	do.	7 10
2705	do.	R. S. McNeith, Mahomet	do.	4 14
2706	do.	E. J. Percival, Urbana, R. F. D. No. 9.	do.	2 65
2707	do.	B. Jordan, Savoy, R. F. D. No. 66.	do.	2 38
2708	do.	C. C. Ross, Savoy, R. F. D. No. 66.	do.	1 98
2709	do.	E. V. Percival, Urbana, R. F. D. No. 2.	do.	1 37
2710	Oct. 26	J. M. Hammack	Dairy office	2 24
2711	do.	T. P. Lyon	do.	2 02
2712	do.	E. F. Lyon	do.	3 45
2713	do.	Geo. Taylor	do.	4 41
2714	do.	R. A. Lumsden	do.	1 99
2715	do.	P. P. Dunn	do.	3 77
2716	do.	Van Carter, Homer	Creamery	4 93
2717	do.	P. J. Wagner, Homer	do.	7 42
2718	do.	W. D. Rohl, Homer	do.	5 85
2719	do.	John Cornett, Glover	do.	3 74
2720	do.	Ralph Ridgeley, Seymour	do.	4 29
2721	do.	R. H. Brewer, Ogden	do.	5 08
2722	do.	Frank Hetro, Homer	do.	5 76
2723	do.	James Fisher, Ogden	do.	3 48
2724	do.	W. J. Wilson, Ogden	do.	4 16
2725	do.	A. W. Primmer, Mahomet, R. F. D. No. 42	do.	2 46
2726	do.	John W. Willsey, Urbana, R. F. D. No. 10	do.	11 07
2727	do.	C. C. C. & St. L. Ry. Co.	Freight	162 46
2728	do.	Illinois Traction System	do.	21 23
2729	do.	The Wabash Railroad	do.	36 95
2730	do.	C. C. C. & St. L. Ry. Co.	do.	4 97
2731	do.	H. D. Easton	Traveling expenses	10 70
2732	do.	Mrs. F. E. McClughen	Laundry, Sept. 25, to Oct. 16.	12 66
2733	do.	Otto Von Tessmer	Balance of salary for October, 1914	5 00
2734	do.	S. C. Burton	Salary, September, 1914	150 00
2735	do.	Ethel Sabin	Balance of salary September and October, 1914	10 00
2736	do.	G. W. Spindler	do.	50 00
2737	do.	Rachel A. Baumgartner	Salary, September, 1914	30 00
2738	do.	W. F. Handschin	do.	62 50
2739	Oct. 27	O. E. Staples, Bursar	Sundry bills	35 60
2740	do.	O. E. Staples, Bursar	Rebates to students	84 75
2741	do.	Osgood Co.	Half-tones	2 55
2742	do.	Pantograph Printing & Stationery Co.	Printing	725 80
2743	do.	E. Grove	Dairy office	7 06
2744	do.	Lou Creiger	do.	8 02
2745	do.	H. J. Nelson	do.	1 55
2746	do.	A. R. Grindley	do.	5 94
2747	do.	J. E. Henderson	do.	3 53
2748	do.	J. T. Frances, Fithian	Creamery	4 45
2749	do.	H. F. Ridgley, Cerro Gordo	do.	3 36
2750	do.	J. D. Perham, Homer	do.	3 00
2751	do.	W. L. Davis, Mahomet	do.	4 35
2752	do.	Z. Alsip, Ogden	do.	3 30
2753	do.	John W. Hillard, Homer	do.	6 04
2754	do.	C. C. Rayburn, Bondville	do.	4 85
2755	do.	D. S. Herriott, Mahomet	do.	4 74
2756	do.	F. C. Kuder, St. Joseph	do.	7 87
2757	do.	R. H. McAlister, Muncie	do.	6 07
2758	do.	T. F. Jordan, Savoy, R. F. D. No. 66.	do.	7 72
2759	do.	R. E. Ross, Savoy, R. F. D. No. 66.	do.	2 54
2760	do.	B. Jordan, Savoy, R. F. D. No. 66.	do.	1 22
2761	do.	John Willsey, Urbana, R. F. D. No. 10.	do.	4 88
2762	Oct. 28	R. A. Lumsden	Dairy office	3 20
2763	do.	R. S. McInnes	do.	82
2764	do.	C. C. Gordon	do.	3 89
2765	do.	C. E. Kelley, Paxton	Creamery	3 87
2766	do.	S. Lee Cox, Oakwood	do.	4 63
2767	do.	A. Shields, Dewey	do.	5 63
2768	do.	J. A. R. Koch, Mayview	do.	5 81
2769	do.	Henry Gorman, Muncie	do.	5 77
2770	do.	J. B. Marsh, Ogden	do.	6 07
2771	do.	F. Alsip, Ogden	do.	2 18
2772	do.	Wm. Case, Ogden	do.	5 67
2773	do.	J. C. Woodin, Fithian	do.	2 41
2774	do.	Macy Bros., Fithian	do.	10 66
2775	do.	John Rueb, Fithian	do.	5 28
2776	do.	Lon Libka, Homer	do.	3 07
2777	do.	W. E. Yount, Homer	do.	6 17
2778	do.	J. H. Umbanhower, Homer	do.	4 62
2779	do.	Harvey Allison, Homer	do.	6 47

## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1914			
2780	Oct. 28	F. W. Howell, Homer	Creamery	\$ 2 18
2781	do.	E. A. Smith, Urbana, R. F. D. No. 7.	do	3 69
2782	Oct. 29	J. Fischer & Bro.	Music	17 31
2783	do.	The Division of Education, Russell Sage Foundation	Books	1 25
2784	do.	A. L. A. Publishing Board	do	8 00
2785	do.	O'Byrne Transfer & Storage Co.	Account with English Department	1 50
2786	do.	Secretary of State	License for motor truck	1 35
2787	do.	Ernst Hertzberg & Sons	Books	882 67
2788	do.	Florence E. Watson	Traveling expenses	26 00
2789	do.	W. F. Handschin	Salary, October, 1914	93 75
2790	do.	The Religious Education Assn.	Membership fee	3 00
2791	do.	Geo. T. McClelland, Secretary University of Pennsylvania	Book	1 00
2792	do.	Pocumtuck Valley Memorial Association	do	5 00
2793	do.	Western Union Telegraph Co.	Telephone and telegraph	57 99
2794	do.	Receivers, Central Union Telephone Co.	do	58 91
2795	do.	Western Union Telegraph Co.	do	55 33
2796	Oct. 30	Ernst Hertzberg & Sons	Books	6 96
2797	do.	Florence Stoutzenberg	Wages, October, 1914	25 00
2798	do.	R. E. Rath sack	do	24 25
2799	do.	Ralph M. Netz	do	10 00
2800	do.	R. C. Glover	do	45 00
2801	do.	W. J. Prince	do	18 75
2802	do.	R. W. Millar	do	10 20
2803	do.	H. P. Kelley	do	9 40
2804	do.	J. L. Simonich	do	10 75
2805	do.	McGraw-Hill Book Co.	Books	25 30
2806	do.	H. E. Smith	Traveling expenses	65 15
2807	do.	O. E. Staples, Bursar	Rebates to students	56 75
2808	do.	O. E. Staples, Bursar	Student labor	35 87
2809	do.	O. E. Staples, Bursar	Express	91 61
2810	do.	Ralph Smith	Dairy office	4 88
2811	do.	W. J. Kelly, Loda	Creamery	4 47
2812	do.	C. C. Plotner, Fithian	do	5 21
2813	do.	S. C. Payne, Fithian	do	3 99
2814	do.	Wm. Van Buskirk, Fithian	do	3 36
2815	do.	Guy Hobick, Fithian	do	5 90
2816	do.	W. L. Davis, Fisher	do	4 73
2817	do.	C. G. Patterson, Muncie	do	5 67
2818	do.	M. B. Allen, Homer	do	3 66
2819	do.	Arthur Morgan, Homer	do	4 85
2820	do.	Harvey Ray, Homer	do	2 67
2821	do.	J. W. Hillyard, Homer	do	6 27
2822	do.	L. J. Wienko, Homer	do	7 22
2823	do.	Bert Barber, Mahomet	do	2 99
2824	do.	F. Knox, Mahomet	do	5 70
2825	do.	C. J. Gillespie, Mahomet	do	3 46
2826	do.	A. W. Primmer, Mahomet	do	3 69
2827	do.	G. W. Miller, Mahomet	do	4 68
2828	do.	L. F. Bialeschke, Pesotum	do	4 18
2829	do.	B. Jordan, Savoy, R. F. D. No. 66	do	1 36
2830	do.	T. F. Jordan, Savoy, R. F. D. No. 66	do	4 45
2831	do.	C. E. Ross, Savoy, R. F. D. No. 66	do	1 29
2832	do.	J. C. Winslow	Balance of salary for October, 1914	24 00
2833	Nov. 2	C. A. Atwell	Salary, October, 1914	90 00
2834	do.	H. J. Weiland	do	5 00
2835	do.	E. E. Fiero	Wages, October, 1914	50 00
2836	Nov. 3	Robt. Graham	Dairy office	7 88
2837	do.	John McCullough	do	8 57
2838	do.	E. F. Lyons	do	2 87
2839	do.	Jas. Hammack	do	2 67
2840	do.	P. P. Dunn	do	4 49
2841	do.	R. A. Lumsden	do	1 48
2842	do.	Frank Watson, Muncie	Creamery	3 10
2843	do.	R. J. Craig, Homer	do	4 52
2844	do.	Chester Coulter, Paxton	do	3 35
2845	do.	D. S. Harriott, Mahomet	do	7 24
2846	do.	F. Stadden, Homer	do	6 93
2847	do.	J. W. Rayburn, Bondville	do	6 83
2848	do.	H. Cherry, Ogden	do	5 24
2849	do.	R. H. Brewer, Ogden	do	5 15
2850	do.	James Fisher, Ogden	do	3 56
2851	do.	S. Lee Cox, Oakwood	do	3 89
2852	do.	James Freeman, Fithian	do	3 50
2853	do.	J. A. R. Koch, Mayview	do	5 44
2854	do.	J. B. Skinner, Fithian	do	3 36

## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1914			
2855	Nov. 3	P. J. Wagner, Ogden	Creamery	\$ 7 22
2856	do.	W. J. Wilson, Ogden	do	2 67
2857	do.	G. W. VanMeter, Savoy	do	3 89
2858	do.	C. A. Fogel, Mahomet	do	4 42
2859	do.	Joseph Mounts, Rantoul	do	5 14
2860	do.	E. V. Percival, Urbana, R. F. D. No. 10.	do	2 34
2861	do.	S. Atchison, Urbana, R. F. D.	do	9 25
2862	do.	W. W. Meyer, Urbana, R. F. D. No. 12.	do	5 31
2863	do.	W. C. Welch, Urbana, R. F. D. No. 12.	do	4 72
2864	do.	Mary Warner, Mahomet, R. F. D. No. 42.	do	4 74
2865	do.	Leo F. Stock	Services in connection with Indian office files	22 64
2866	do.	Louise F. Pierce	Collating, etc., Indian office documents	49 80
2867	do.	National Annotating Co.	Notes to statutes, 1913	4 00
2868	do.	Davies, Turner & Co.	Ocean freight	6 00
2869	do.	J. C. Winslow	Balance of salary for September, 1914.	24 00
2870	do.	Reuben W. Peterson	Wages, October, 1914.	9 60
2871	do.	W. B. Day, Actuary, School of Pharmacy	Sundry bills	98 81
2872	do.	C., C., C. & St. L. Ry. Co.	Freight	14 35
2873	do.	The Wabash R. R.	do	3 30
2874	do.	Illinois Traction System	do	22 80
2875	do.	The Wabash R. R.	do	746 07
2876	do.	C., C., C. & St. L. Ry. Co.	do	1 63
2877	do.	Illinois Central R. R. Co.	do	82 17
2878	do.	C., C., C. & St. L. Ry. Co.	do	44 81
2879	do.	Ernst Hertzberg & Sons	Books	32 00
2880	do.	G. E. Stechert & Co.	do	6 27
2881	do.	T. H. Flood & Co.	do	8 00
2882	do.	A. C. McClurg & Co.	do	21 57
2883	do.	C. V. Ritter	do	51 00
2884	Nov. 4	E. W. Mattoon	Wages, October, 1914.	60 00
2885	do.	Charles Weinslein	Rebate of tuition	55 00
2886	do.	Peck & Hills Furniture Co.	Furniture	70 07
2887	do.	Baltimore & Ohio R. R. Co.	Two years rental of wire crossings at Kenners, Ill.	2 00
2888	do.	Wm. Trelease	Laboratory materials, stenographic service, etc	7 06
2889	do.	W. L. Abbott	Traveling expenses	17 98
2890	do.	Ernst Hertzberg & Sons	Books	3 90
2891	do.	A. E. Grindley	Dairy office	5 68
2892	do.	H. I. Nelson	do	1 25
2893	do.	John Rueb, Fithian	Creamery	5 44
2894	do.	H. Allison, Homer	do	6 73
2895	do.	Frank Watson, Muncie	do	5 10
2896	do.	Harvey Ray, Homer	do	1 36
2897	do.	Andrew Shields, Dewey	do	5 94
2898	do.	James A. Richards, Fithian	do	6 08
2899	do.	Robt. Childers, Ogden	do	2 74
2900	do.	C. E. Kelly, Paxton	do	3 89
2901	do.	C. E. Smoot, Fithian	do	5 33
2902	do.	H. E. Seigman, Bogota	do	1 55
2903	do.	J. R. Newberry, Newton	do	9 22
2904	do.	Frank Szerlong, Camp Point	do	9 56
2905	do.	A. J. Spohn, Morrison	do	9 92
2906	do.	Dallas Creamery Co., Dallas City	do	9 16
2907	do.	J. A. Shake, Amboy	do	6 20
2908	Nov. 5	O. E. Staples, Bursar	Express	33 23
2909	do.	O. E. Staples, Bursar	Rebates to students	102 00
2910	do.	O. E. Staples, Bursar	Sundry bills	60 12
2911	do.	O. E. Staples, Bursar	Student labor	11 24
2912	do.	Prof. Kirby F. Smith	Photographic copies of two manuscripts in the Vatican Library	70 00
2913	do.	Geo. E. Frazer	Traveling expenses	21 75
2914	do.	W. L. Morgan	do	29 45
2915	do.	H. D. Easton	do	8 55
2916	do.	Garnet C. Simpson	Names and addresses of teachers of Lake County	1 50
2917	do.	Chas. M. Webber, Postmaster	Postage	1 58
2918	do.	L. K. Miller	Names and addresses of teachers of Lee County	1 00
2919	do.	R. E. Rhine	Names and addresses of teachers of Saline County	2 00
2920	do.	Ernst Hertzberg & Sons	Books	12 10
2921	do.	C. F. Miller	Petty expenses of Department of Chemistry for October, 1914.	5 62

## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
<b>1914</b>				
2922	Nov. 5	W. Ernest Seatree, C. P. A.	Services in connection with C. P. A. examination, May 26-28, 1914	\$238 46
2923	..do..	Marquis Eaton	Services as member of Board of Examiners of Public Accountants.	150 00
2924	..do..	J. E. Henderson	Dairy office.	3 74
2925	..do..	Lou Creiger	..do..	5 23
2926	..do..	C. C. Gordon	..do..	3 57
2927	..do..	R. S. McInnes	..do..	2 11
2928	..do..	R. A. Lumsden	..do..	2 89
2929	..do..	Frank Knox, Mahomet	Creamery.	5 33
2930	..do..	Joseph A. Evans, Dewey	..do..	4 00
2931	..do..	Chas. Eickhorst, Pesotum	..do..	5 26
2932	..do..	R. H. McAlister, Muncie	..do..	5 30
2933	..do..	A. J. Krukewitt, Homer	..do..	3 84
2934	..do..	W. E. Yount, Homer	..do..	5 57
2935	..do..	Nicholas Hahn, Ogden	..do..	4 52
2936	..do..	W. D. Rohl, Homer	..do..	7 78
2937	..do..	H. Denhart, St. Joseph	..do..	6 15
2938	..do..	Ralph Ridgeley, Seymour	..do..	4 35
2939	..do..	Van Carter, Homer	..do..	5 16
2940	..do..	Frank Hetto, Oakwood	..do..	6 02
2941	..do..	Lon Libka, Homer	..do..	3 64
2942	..do..	E. P. Ott, Ogden	..do..	5 61
2943	..do..	Wm. Case, Ogden	..do..	5 34
2944	..do..	Arthur Morgan, Homer	..do..	9 82
2945	..do..	R. H. Brewer, Ogden	..do..	5 16
2946	..do..	Lucas Duffner, Farmer City	..do..	6 73
2947	..do..	E. A. Smith, Urbana, R. F. D. No. 7.	..do..	3 40
2948	..do..	E. Grove, Urbana, R. F. D. No. 10.	..do..	7 65
2949	..do..	David Wilkins, Urbana, R. F. D. No. 8.	..do..	4 01
2950	..do..	E. J. Percival, Urbana, R. F. D. No. 10.	..do..	9 01
2951	..do..	National Dairy Show Association, Chicago.	Creamery.	16 80
2952	Nov. 6	Alma Penrose	Salary	75 00
2953	..do..	C. J. Woodbury	Two lectures	50 00
2954	..do..	Clarence Bonnell	Services in District Night School	20 00
2955	..do..	S. L. Kell	..do..	20 01
2956	..do..	Homer Heath	..do..	12 50
2957	..do..	Mrs. F. M. Perry	Gun rack curtains	2 40
2958	..do..	Chas. M. Webber, Postmaster	Deposit in Urbana Postoffice for second class mail	2 00
2959	..do..	Pantagraph Printing & Stationery Co.	Printing	498 11
2960	..do..	Nellie McVey	Wages, October, 1914.	10 45
2961	..do..	LaRuhe Kilo	..do..	33 67
2962	..do..	Lloyd D. Bunting	..do..	22 10
2963	..do..	Nellie McVey	..do..	11 56
2964	..do..	F. A. Kirkpatrick	..do..	24 90
2965	..do..	J. A. Chase	..do..	8 00
2966	..do..	E. J. Anderle	..do..	3 75
2967	..do..	S. C. Linder	..do..	1 65
2968	..do..	Milton G. Silver	..do..	10 50
2969	..do..	The Weis Mig. Co.	Furniture.	16 92
2970	..do..	Central Scientific Co.	Electrolysis of water apparatus	2 09
2971	..do..	William Ferguson	Veterinary services.	7 50
2972	Nov. 7	Ralph Smith	Dairy office.	6 56
2973	..do..	C. J. Kissacks, Potomac	Creamery	6 00
2974	..do..	F. C. Kuder, St. Joseph	..do..	2 51
2975	..do..	G. W. VanMeter, Tolono	..do..	4 69
2976	..do..	John Cornett, Glover	..do..	3 77
2977	..do..	John W. Hillard, Homer	..do..	6 83
2978	..do..	H. F. Ridgeley, Cerro Gordo	..do..	2 79
2979	..do..	M. B. Allen, Homer	..do..	3 40
2980	..do..	W. L. Davis, Mahomet	..do..	5 26
2981	..do..	J. F. Frances, Fithian	..do..	5 34
2982	..do..	John Englehardt, Urbana, R. F. D.	..do..	44 81
2983	..do..	C. E. Ross, Savoy, R. F. D. No. 66.	..do..	5 57
2984	..do..	B. Jordan, Savoy, R. F. D. No. 66.	..do..	5 71
2985	..do..	T. F. Jordan, Savoy, R. F. D. No. 66.	..do..	14 28
2986	..do..	S. V. Mayhen, Fithian, R. F. D. No. 1.	..do..	6 63
2987	Nov. 9	T. P. Lyons	Dairy office.	1 98
2988	..do..	P. P. Dunn	..do..	3 89
2989	..do..	R. A. Lumsden	..do..	1 77
2990	..do..	J. B. Marsh, Ogden	Creamery	7 23
2991	..do..	W. J. Kelly, Loda	..do..	4 24
2992	..do..	Macy Bros., Fithian.	..do..	10 26
2993	..do..	P. J. Wagner, Ogden	..do..	7 57



## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1914			
2994	Nov. 9	J. A. R. Koch, Mayview	Creamery	\$ 5 53
2995	do.	J. H. Umbanhowar, Homer	do.	5 41
2996	do.	Z. Alsip, Ogden	do.	3 68
2997	do.	James Fisher, Ogden	do.	3 55
2998	do.	W. J. Wilson, Ogden	do.	2 32
2999	do.	Henry Groman, Fithian	do.	5 07
3000	do.	C. C. Rayburn, Bondville	do.	10 51
3001	do.	J. Hammack, Champaign, R. F. D. No. 6.	do.	2 59
3002	do.	Herbert A. Matthes	Wages, September, 1914.	40 00
3003	do.	Eugene Dietzgen Co.	Paper	6 48
3004	do.	Review Printing & Stationery Co.	Printing	358 05
3005	do.	J. W. Butler Paper Co.	Manila envelopes	92 35
3006	do.	Ernst Hertzberg & Sons	Books	7 05
3007	do.	R. Y. Williams	Traveling expenses	17 53
3008	do.	C. C., C. & St. L. Ry. Co.	Freight	48 13
3009	do.	Illinois Central R. R. Co.	do.	30 38
3010	do.	C. C., C. & St. L. Ry. Co.	do.	11 60
3011	do.	C. C., C. & St. L. Ry. Co.	do.	5 11
3012	do.	The Wabash Railroad	do.	321 61
3013	Nov. 10	O. E. Staples, Bursar	Express	37 07
3014	do.	O. E. Staples, Bursar	Sundry bills	22 61
3015	do.	O. E. Staples, Bursar	Student labor	27 95
3016	do.	O. E. Staples, Bursar	Rebates to student	151 75
3017	do.	E. F. Lyons	Dairy office	2 55
3018	do.	R. H. McAlister, Muncie	Creamery	4 96
3019	do.	T. H. Palmer, Fithian	do.	3 12
3020	do.	John W. Hillard, Homer	do.	6 47
3021	do.	Wm. VanBuskirk, Fithian	do.	4 38
3022	do.	S. C. Payne, Fithian	do.	3 40
3023	do.	S. Lee Cox, Oakwood	do.	4 02
3024	do.	Frank Knox, Mahomet	do.	5 33
3025	do.	C. E. Kelly, Paxton	do.	3 25
3026	do.	Ed. Smith, Homer	do.	4 86
3027	do.	Fred Rein, Urbana	do.	5 15
3028	do.	Andrew Shields, Dewey	do.	6 07
3029	do.	D. S. Herriott, Mahomet	do.	8 22
3030	do.	Guy Hobick, Fithian	do.	6 49
3031	do.	Earl Dixon, Fithian	do.	3 02
3032	do.	S. T. Carter, Mahomet	do.	3 22
3033	do.	C. A. Fogel, Mahomet	do.	3 22
3034	do.	Geo. W. Miller, Mahomet	do.	4 48
3035	Nov. 12	R. Friedlander & Son	Books	59 00
3036	do.	Internationalen Zeitschrift fur Wasserversorgung	do.	7 60
3037	do.	Gustav Fock	do.	21 63
3038	do.	Bernard Quaritch	do.	10 10
3039	do.	Educational Supply Assn.	do.	11 83
3040	do.	Julius Springer	do.	3 10
3041	do.	Pickering & Chatto	do.	8 15
3042	do.	The Year Book Press	do.	4 90
3043	do.	Herbert Jenkins, Ltd.	do.	2 16
3044	do.	Myers & Co.	do.	1 68
3045	do.	Geo. Harding	do.	4 03
3046	do.	Leo Liepmannsohn	do.	67 75
3047	do.	R. Atkinson	do.	1 18
3048	do.	John Buchanan	do.	3 35
3049	do.	Joseph Baer & Co.	do.	2 60
3050	do.	Max Weg	do.	2 85
3051	do.	Librairie A Picard	do.	10 35
3052	do.	D. Nutt	do.	5 82
3053	do.	Ludwig Rosenthal	do.	3 25
3054	do.	Martinus Nijhoff	do.	2 30
3055	do.	Edw. G. Allen & Son, Ltd.	do.	396 38
3056	do.	Wm. Wesley & Son	do.	92 90
3057	do.	Otto Harrassowitz	do.	2 03
3058	do.	Fernando Fe	do.	3 75
3059	do.	J. Terquem	do.	17 02
3060	do.	Karl W. Hiersemann	do.	13 32
3061	do.	Dulau & Co., Ltd.	do.	111 15
3062	do.	Oswald Weigel	do.	107 22
3063	do.	Paul Gottschalk	do.	64 40
3064	do.	A. Hermann & Sons	do.	91 00
3065	do.	Van Bolle	Photographs	4 00
3066	do.	P. J. Parmiter & Sons	Machinery	22 75
3067	do.	Maruzen Co., Ltd.	Books	2 97
3068	do.	The Times Book Club	do.	3 41
3069	do.	Henry Sotheran & Co.	do.	11 96
3070	do.	Koniglichen Bibliothek	Catalog cards	18 10

## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
<b>1914</b>				
3071	Nov. 12	B. H. Blackwell	Books	\$ 8 92
3072	..do..	W. Tams	Blue printing	4 35
3073	..do..	Thos. Baker	Books	5 05
3074	..do..	Oliver T. Neslage	Wages, October, 1914	6 25
3075	..do..	P. A. Beinsdorf	..do..	4 13
3076	Nov. 10	H. I. Nelson	Dairy office	2 50
3077	..do..	A. R. Grindley	..do..	8 02
3078	..do..	C. C. Gordon	..do..	2 71
3079	..do..	R. S. McInnes	..do..	1 75
3080	..do..	David Wilkins	..do..	2 38
3081	..do..	E. Grove	..do..	5 81
3082	..do..	Lou Creiger	..do..	5 51
3083	..do..	E. R. Hamm, Tomlinson	Creamery	5 23
3084	..do..	J. H. Evans, Dewey	..do..	5 67
3085	..do..	Geo. B. Giddings, Ogden	..do..	0 77
3086	..do..	Frank Watson, Muncie	..do..	4 90
3087	..do..	H. F. Ridgeley, Cerro Gordo	..do..	2 62
3088	..do..	J. C. Woodin, Ogden	..do..	3 13
3089	..do..	Harvey Allison, Homer	..do..	6 73
3090	..do..	Van Carter, Homer	..do..	6 10
3091	..do..	W. B. Yount, Homer	..do..	5 20
3092	..do..	Arthur Morgan, Homer	..do..	3 60
3093	..do..	Wm. Case, Ogden	..do..	4 79
3094	..do..	F. W. Howell, Homer	..do..	2 01
3095	..do..	F. S. Umbanhowar, Homer	..do..	4 39
3096	..do..	Lon Libka, Homer	..do..	4 22
3097	..do..	R. H. Brewer, Ogden	..do..	5 64
3098	..do..	J. W. Rayburn, Bondville	..do..	5 30
3099	..do..	W. W. Meyer, Urbana, R. F. D. No. 12	..do..	4 62
3100	..do..	W. C. Welch, Urbana, R. F. D. No. 12	..do..	4 49
3101	..do..	E. A. Smith, Urbana, R. F. D.	..do..	3 57
3102	..do..	Mary Warner, Mahomet, R. F. D. No. 42	..do..	4 42
3103	..do..	B. A. Lumsden	Dairy office	1 80
3104	Nov. 13	Dr. Johanna Westerdijk	Lectures	125 00
3105	..do..	Prof. Felix von Luschan	..do..	300 00
3106	..do..	Capt. James A. Moss	Copies "Manual of Military Training"	380 00
3107	..do..	The Alumni Association	Allowance for October, 1914	250 00
3108	..do..	T. A. Clark	Expenses on University business	300 00
3109	..do..	The Peoples Gas Light & Coke Co.	Gas	20 64
3110	..do..	H. G. Schmidt	Services in District Night School	10 00
3111	..do..	Ralph Smith	Dairy office	4 83
3112	..do..	J. E. Henderson	..do..	2 96
3113	..do..	L. F. Bialeschki, Pesotum	Creamery	4 96
3114	..do..	F. C. Kuder, St. Joseph	..do..	2 04
3115	..do..	J. H. Umbanhowar, Homer	..do..	5 64
3116	..do..	S. G. Richards, Muncie	..do..	3 43
3117	..do..	H. Denhart, Ogden	..do..	3 94
3118	..do..	H. Allison, Homer	..do..	6 47
3119	..do..	G. W. VanMeter, Savoy	..do..	4 69
3120	..do..	Harvey Ray, Homer	..do..	1 26
3121	..do..	J. F. Frances, Fithian	..do..	5 37
3122	..do..	James Freeman, Fithian	..do..	4 25
3123	..do..	Robert Childers, Ogden	..do..	2 41
3124	..do..	D. Hohn, Ogden	..do..	4 45
3125	..do..	W. A. Ashworth, Humboldt	..do..	3 71
3126	..do..	M. Cherry, Ogden	..do..	4 42
3127	..do..	W. D. Rohl, Homer	..do..	3 91
3128	..do..	C. E. Ross, Savoy, R. F. D. No. 66	..do..	3 20
3129	..do..	B. Jordan, Savoy, R. F. D. No. 66	..do..	3 37
3130	..do..	T. F. Jordan, Savoy, R. F. D. No. 66	..do..	13 43
3131	..do..	Fred Thompson, Urbana, R. F. D. No. 8	..do..	2 85
3132	..do..	A. L. Menser, Rantoul, R. F. D. No. 23	..do..	6 94
3133	..do..	Pearl Hayen, Mahomet, R. F. D. No. 40	..do..	5 51
3134	Nov. 14	Königlichen Bibliothek	Books	4 72
3135	..do..	R. R. Bowker Co.	American Library Journal	8 46
3136	..do..	United States Audit Co.	Auditing for quarter ended Sept. 30, 1914	281 03
3137	..do..	Martinus Nijhoff	Books	100 78
3138	..do..	O. E. Staples, Bursar	Rebates to students	257 50
3139	Nov. 17	J. M. Hammack	Dairy office	2 13
3140	..do..	D. S. Herriott, Mahomet	Creamery	5 46
3141	..do..	C. C. Rayburn, Bondville	..do..	6 72
3142	..do..	P. J. Wagner, Ogden	..do..	6 93
3143	..do..	W. J. Wilson, Ogden	..do..	1 96
3144	..do..	James Fisher, Ogden	..do..	3 67
3145	..do..	J. B. Marsh, Ogden	..do..	6 02
3146	..do..	J. A. R. Koch, Mayview	..do..	6 16

## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1914			
3147	Nov. 17	F. Stadden, Homer	Creamery	\$ 5 70
3148	do.	Louie J. Weinke, Homer	do.	7 28
3149	do.	L. W. Krukewitt, Homer	do.	3 32
3150	do.	F. Hetro, Homer	do.	6 30
3151	do.	H. J. Krukewitt, Homer	do.	5 39
3152	do.	Ed. Householder, Fithian	do.	5 49
3153	do.	J. B. Skinner, Fithian	do.	4 06
3154	do.	S. V. Mayhen, Fithian	do.	6 65
3155	do.	J. W. Wilson, Urbana, R. F. D. No. 10.	do.	12 18
3156	do.	E. J. Percival, Urbana, R. F. D. No. 10.	do.	7 05
3157	do.	P. P. Dunn, Urbana, R. F. D. No. 8.	do.	3 50
3158	Nov. 18	Mrs. Elsie Blaisdell	Laundry work	5 72
3159	do.	Florence E. Watson	Traveling expenses	18 45
3160	do.	Geo. Banta Publishing Co.	Printing	22 17
3161	do.	The New York Times Index	Quarterly copy of New York Times Index	4 00
3162	do.	E. C. Lee	Traveling expenses	62 74
3163	do.	O. E. Staples, Bursar	General labor	68 21
3164	do.	O. E. Staples, Bursar	Student labor	57 60
3165	do.	O. E. Staples, Bursar	Express	61 49
3166	do.	Anthony F. Mordente	Refund of tuition fee and laboratory deposit	30 00
3167	do.	Frank Hetro	Dairy office	6 02
3168	do.	Robt. Graham	do.	11 24
3169	do.	John McCullough	do.	9 06
3170	do.	M. Hudson	do.	3 50
3171	do.	Lou Creiger	do.	5 25
3172	do.	E. Groves	do.	4 97
3173	do.	C. C. Gordon	do.	4 34
3174	do.	E. S. McInnes	do.	2 52
3175	do.	E. A. Lumsden	do.	4 30
3176	do.	A. R. Grindley	do.	3 77
3177	do.	H. I. Nelson	do.	2 13
3178	do.	John Cornett, Glover	Creamery	3 71
3179	do.	Wm. Case, Ogden	do.	4 62
3180	do.	Z. Alsip, Ogden	do.	4 55
3181	do.	J. A. R. Koch, Mayview	do.	5 46
3182	do.	R. H. Brewer, Ogden	do.	6 12
3183	do.	R. H. McAlister, Muncie	do.	5 81
3184	do.	Lon Libka, Homer	do.	4 90
3185	do.	H. F. Ridgeley, Cerro Gordo	do.	2 59
3186	do.	Ralph Ridgeley, Seymour	do.	3 29
3187	do.	Andrew Shields, Dewey	do.	5 91
3188	do.	S. Lee Cox, Oakwood	do.	3 85
3189	do.	John Rueb, Fithian	do.	3 36
3190	do.	C. E. Smoot, Fithian	do.	4 97
3191	do.	W. J. Kelly, Loda	do.	4 29
3192	do.	W. L. Davis, Fisher	do.	4 06
3193	do.	J. W. Hillard, Homer	do.	12 21
3194	do.	H. Cherry, Ogden	do.	5 18
3195	do.	W. L. Davis, Fisher	do.	4 90
3196	do.	Joseph H. Evans, Dewey	do.	5 04
3197	do.	C. J. Kissacks, Armstrong	do.	6 67
3198	do.	S. Atchison, Urbana, R. F. D.	do.	4 90
3199	do.	E. A. Smith, Urbana, R. F. D. No. 7.	do.	4 44
3200	Nov. 19	C. C., C. & St. L. Ry. Co.	Freight	5 19
3201	do.	C. C., C. & St. L. Ry. Co.	do.	233 49
3202	do.	The Illinois Central R. R. Co.	do.	21 77
3203	do.	The Wabash R. R.	do.	400 29
3204	do.	N. Hay	Traveling expenses	7 60
3205	Nov. 20	John Englehardt	Dairy office	10 13
3206	do.	James A. Richards, Fithian	Creamery	6 58
3207	do.	Frank Watson, Muncie	do.	4 62
3208	do.	Earl Dixon, Fithian	do.	3 64
3209	do.	C. E. Ross, Savoy	do.	3 78
3210	do.	B. Jordan, Mrs., Savoy	do.	2 94
3211	do.	T. F. Jordan, Savoy	do.	1 08
3212	do.	Thos. H. Barber, Bondville	do.	4 76
3213	do.	G. B. Giddings, State Road	do.	6 58
3214	do.	H. Allison, Homer	do.	7 00
3215	do.	Robt. Childers, Ogden	do.	2 66
3216	do.	C. A. Fogel, Mahomet	do.	3 99
3217	do.	D. S. Herriott, Mahomet	do.	8 85
3218	do.	Mary Warner, Mahomet	do.	4 57
3219	do.	E. P. Ott, Ogden	do.	4 65
3220	do.	Frank Knox, Mahomet	do.	4 53
3221	do.	Henry Gorman, Fithian	do.	5 67
3222	do.	J. F. Frances, Fithian	do.	4 55

## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom	For what.	Amount.
1914				
3223	Nov. 20	G. W. VanMeter, Savoy	Creamery	\$ 5 22
3224	do.	Pearl Hazen, Mahomet, R. F. D. No. 40.	do.	5 67
3225	do.	John F. Woodhull	Lecture fee	125 00
3226	do.	Capitol Engraving Co.	Etchings and half tones	104 57
3227	do.	J. W. Butler Paper Co.	Paper	51 90
3228	do.	H. D. Easton	Traveling expenses	11 56
3229	do.	Gustav Fock	Books	425 00
3230	do.	Pantagraph Printing & Stationery Co.	Printing	70 03
3231	Nov. 24	E. F. Lyon	Dairy office	2 69
3232	do.	J. E. Henderson	do.	4 37
3233	do.	Fred Thompson	do.	4 58
3234	do.	Ralph Smith	do.	5 46
3235	do.	Guy Hobick, Fithian	Creamery	6 68
3236	do.	Lucas Duffner, Farmer City	do.	7 42
3237	do.	P. J. Wagner, Ogden	do.	7 03
3238	do.	W. J. Wilson, Homer	do.	1 92
3239	do.	Arthur Morgan, Homer	do.	4 13
3240	do.	W. E. Yount, Homer	do.	6 19
3241	do.	J. H. Umbanhowar, Homer	do.	5 49
3242	do.	Arthur Morgan, Homer	do.	4 06
3243	do.	James Fisher, Ogden	do.	3 95
3244	do.	Frank Stadden, Homer	do.	3 36
3245	do.	C. C. Rayburn, Bondville	do.	5 74
3246	do.	W. L. Davis, Mahomet	do.	5 18
3247	do.	W. D. Rohl, Homer	do.	4 48
3248	do.	J. J. Cender, Dickerson	do.	5 67
3249	do.	John Willsey, Urbana, R. F. D.	do.	10 32
3250	do.	Laura B. Evans	Traveling expenses	44 20
3251	do.	James Store	do.	7 48
3252	do.	Receivers, Central Union Telephone Co.	Telephone and telegraph	55 72
3253	do.	Postal Telegraph & Cable Co.	do.	6 04
3254	do.	Western Union Telegraph Co.	do.	21 16
3255	do.	Western Union Telegraph Co.	do.	5 88
3256	do.	Geo. E. Frazer	Attorney fee of Ellis D. Whipp for Miss Bree Kelly	500 00
3257	do.	M. E. Case	Services in District Night School	50 00
3258	do.	J. W. Butler Paper Co.	Office supplies	4 89
3259	do.	Mrs. Elsie Blaisdell	Laundry work	5 35
3260	do.	T. Cooke & Sons, Ltd.	Laboratory supplies	80 30
3261	do.	Steel & Lawson	do.	186 45
3262	do.	O. E. Staples, Bursar	Student labor	48 10
3263	do.	O. E. Staples, Bursar	Rebates to students	130 75
3264	do.	O. E. Staples, Bursar	General labor	20 60
3265	do.	O. E. Staples, Bursar	Express	29 91
3266	Nov. 25	T. P. Lyons	Dairy office	2 91
3267	do.	P. P. Dunn	do.	4 45
3268	do.	T. F. Jordan, Savoy	Creamery	10 32
3269	do.	Harvey Allison, Homer	do.	6 39
3270	do.	A. Shields, Dewey	do.	6 22
3271	do.	J. H. Evans, Dewey	do.	4 62
3272	do.	Hungerford Bros., Loda	do.	5 75
3273	do.	J. W. Hillard, Homer	do.	6 49
3274	do.	S. V. Mayhen, Fithian	do.	6 15
3275	do.	F. C. Kuder, St. Joseph	do.	1 94
3276	do.	Macy Bros., Fithian	do.	10 74
3277	do.	Wm. Van Buskirk, Fithian	do.	5 85
3278	do.	John Rueb, Fithian	do.	5 41
3279	do.	S. T. Carter, Seymour	do.	5 20
3280	do.	S. Lee Cox, Oakwood	do.	7 38
3281	do.	Harvey Ray, Homer	do.	1 39
3282	do.	Ed. Smith, Homer	do.	4 39
3283	do.	S. C. Payne, Fithian	do.	3 40
3284	do.	E. A. Smith, Urbana, R. F. D.	do.	5 34
3285	do.	J. E. Henderson	Dairy office	3 57
3286	do.	Fred Thompson	do.	3 20
3287	do.	E. Grove	do.	3 26
3288	do.	Lou Creiger	do.	5 47
3289	do.	R. A. Lumsden	do.	5 88
3290	do.	C. C. Gordon	do.	5 67
3291	do.	R. S. McInnes	do.	3 65
3292	do.	M. Hudson	do.	4 09
3293	do.	Pearl Hazen, Mahomet	Creamery	5 10
3294	do.	Wm. Case, Ogden	do.	5 85
3295	do.	Nicholas Hahn, Ogden	do.	4 93
3296	do.	F. Stadden, Homer	do.	3 98
3297	do.	J. B. Marsh, Ogden	do.	6 97
3298	do.	Lon Libka, Homer	do.	3 30
3299	do.	Frank Knox, Mahomet	do.	5 16

## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
<b>1914</b>				
3300	Nov. 25	W. W. Meyer, Urbana.	Creamery.	\$ 3 94
3301	do.	R. H. Brewer, Ogden.	do.	5 00
3302	do.	S. G. Richard, Muncie.	do.	3 20
3303	do.	W. J. Kelly, Loda.	do.	4 37
3304	do.	James Freeman, Fithian.	do.	5 98
3305	do.	J. W. Rayburn, Bondville.	do.	6 32
3306	do.	G. B. Giddings, Ogden.	do.	5 41
3307	do.	D. S. Herriott, Mahomet.	do.	5 03
3308	do.	Z. Alsip, Ogden.	do.	4 42
3309	do.	Van Carter, Homer.	do.	5 03
3310	do.	C. E. Hopkins, Pontic.	do.	4 38
3311	do.	J. C. Woodin, Ogden.	do.	2 79
3312	do.	R. L. Meyers, Mahomet.	do.	4 72
3313	do.	G. W. Van Meter, Savoy.	do.	6 12
3314	do.	G. W. Clark, Urbana, R. F. D.	do.	5 85
3315	Nov. 28	A. R. Gridley.	Dairy office.	5 27
3316	do.	J. E. Henderson.	do.	2 24
3317	do.	H. J. Nelson.	do.	5 39
3318	do.	J. Jarrett.	do.	6 19
3319	do.	E. F. Lyons.	do.	2 17
3320	do.	M. Hudson.	do.	3 81
3321	do.	Ralph Smith.	do.	4 32
3322	do.	J. C. Shrock, Fisher.	Creamery.	5 43
3323	do.	D. S. Herriott, Mahomet.	do.	7 88
3324	do.	W. D. Kohl, Homer.	do.	5 88
3325	do.	W. D. Yount, Homer.	do.	8 03
3326	do.	C. C. Rayburn, Bondville.	do.	5 88
3327	do.	H. Cherry, Ogden.	do.	5 44
3328	do.	John Cordett, St. Joseph.	do.	3 74
3329	do.	J. A. B. Koch, Mayview.	do.	5 78
3330	do.	W. J. Wilson, Ogden.	do.	1 50
3331	do.	P. J. Wagner, Ogden.	do.	5 85
3332	do.	J. W. Hillard, Homer.	do.	6 66
3333	do.	James Fisher, Ogden.	do.	3 88
3334	do.	L. F. Bialeschski, Pesotum.	do.	4 30
3335	do.	Frank Hetto, Homer.	do.	5 47
3336	do.	Robt. Childers, Ogden.	do.	3 13
3337	do.	T. H. Barker, Bondville.	do.	4 76
3338	do.	C. E. Ross, Savoy.	do.	4 08
3339	do.	Mrs. B. Jordan, Savoy.	do.	6 83
3340	do.	T. F. Jordan, Savoy.	do.	11 42
3341	do.	Fred Rein, Urbana.	do.	3 94
3342	do.	Guy Hobick, Fithian.	do.	4 08
3343	do.	Mary Warner, Fisher.	do.	4 47
3344	do.	H. Denhart, Ogden.	do.	3 37
3345	do.	Peter H. Davis, Loda.	do.	3 18
3346	do.	S. Lee Cox, Oakwood.	do.	7 48
3347	do.	F. S. Umbanhowar, Homer.	do.	4 42
3348	do.	R. H. McAlister, Muncie.	do.	5 54
3349	do.	Hungerford Bros., Loda.	do.	5 94
3350	do.	Chas. Eickhorst, Pesotum.	do.	5 13
3351	do.	Chester Coulter, Paxton.	do.	2 84
3352	do.	J. F. Francis, Fithian.	do.	5 00
3353	do.	E. A. Smith, Urbana, R. F. D.	do.	3 91
3354	Nov. 30	R. C. Glover.	Wages, November, 1914.	50 00
3355	do.	Guy Potter Benton.	Dues, 1914-15.	15 00
3356	do.	Western Union Telegraph Co.	Telephone and telegraph.	22 88
3357	do.	J. W. Butler Paper Co.	Five reams Russian ledger.	38 81
3358	do.	Western Electric Co.	Electric fan.	15 08
3359	do.	David Kinley.	Traveling expenses.	146 86
3360	do.	Miller & Son.	Automobile service, Neoga to Champaign.	15 00
3361	do.	Steel & Lawson.	Laboratory supplies.	322 14
3362	do.	Ralph M. Netz.	Wages, November, 1914.	17 25
3363	do.	W. J. Prince.	do.	19 25
3364	do.	R. W. Millar.	do.	12 60
3365	do.	G. A. Deveneau.	do.	8 00
3366	do.	H. P. Kelly.	do.	6 40
3367	do.	J. L. Simonich.	do.	18 25
3368	do.	A. Hagener.	do.	1 75
3369	do.	J. Fleming.	do.	4 25
3370	do.	S. Walker.	do.	1 50
3371	do.	W. E. Cummins.	do.	23 70
3372	do.	Elliott Billman.	do.	13 80
3373	do.	J. H. Hinshaw.	do.	11 40
3374	do.	Leon Hanmore.	do.	5 60
3375	do.	R. Y. Williams.	Traveling expenses.	10 70
3376	do.	A. C. McClurg & Co.	Books.	1 65

## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
1914				
3377	Nov. 30	Ernst Hertzberg & Sons.	Books.	\$246 32
3378	do.	T. A. Clark.	Expenses on University business.	243 40
3379	do.	A. R. Warnock.	Traveling expenses.	10 70
3380	do.	O. E. Staples, Bursar.	Express.	36 13
3381	do.	O. E. Staples, Bursar.	Rebates to students.	139 00
3382	do.	O. E. Staples, Bursar.	Student labor.	17 75
3383	do.	The Wabash R. R.	Freight.	605 99
3384	do.	C., C., C. & St. L. Ry. Co.	do.	4 44
3385	do.	C., C., C. & St. L. Ry. Co.	do.	1 20
3386	do.	Illinois Central R. R. Co.	do.	43 68
3387	do.	C., C., C. & St. L. Ry. Co.	do.	126 86
3388	do.	Illinois Traction System.	do.	490 75
3389	do.	G. F. Loring.	Railway atlas.	12 50
3390	do.	Ernst Hertzberg & Sons.	Books.	8 12
3391	do.	A. C. McClurg & Co.	do.	7 78
3392	do.	G. E. Stechert & Co.	do.	14 57
3393	do.	W. B. Day, Actuary, School of Pharmacy.	Petty expense.	90 53
3394	do.	L. L. Knight.	Books.	4 00
3395	do.	Goodspeed's Book Shop.	do.	60 00
3396	do.	Orange Judd Co.	Subscription to Orange Judd Farmer.	2 00
3397	do.	Cleveland Public Library.	Books.	1 20
3398	do.	Chivers Bookbinding Co., Inc.	do.	1 15
3399	do.	Scientific American.	Three volumes Scientific American.	7 50
3400	do.	Illinois Motor Car Sales Co.	Automobile hire.	34 00
3401	Dec. 1	Robt. Graham.	Dairy office.	9 63
3402	do.	John McCullough.	do.	4 06
3403	do.	P. P. Dunn.	do.	3 50
3404	do.	S. Atchinson, Urbana, R. F. D.	Creamery.	4 58
3405	do.	Dr. T. N. Burwash, West University Avenue, Champaign.	do.	1 69
3406	do.	Joseph H. Evans, Dewey.	do.	4 62
3407	do.	E. R. Lape, Fisher.	do.	4 41
3408	do.	Frank Watson, Muncie.	do.	4 15
3409	do.	John Rueb, Fithian.	do.	3 67
3410	do.	Macy Bros, Fithian.	do.	10 61
3411	do.	H. Allison, Homer.	do.	6 73
3412	do.	Harvey Ray, Homer.	do.	1 36
3413	do.	J. W. Hillard, Homer.	do.	6 05
3414	do.	John W. Wilsey, Philo.	do.	12 38
3415	Dec. 2	Charles Heinrich.	Inaugural recital fee and expenses.	80 70
3416	Dec. 3	J. E. Fetherston.	Wages, November, 1914.	18 00
3417	do.	Grace E. Malsbary.	do.	30 45
3418	do.	Mildred Dumke.	do.	27 30
3419	do.	H. W. Holland.	do.	15 40
3420	do.	Edwin Romeiser.	do.	11 60
3421	do.	Floyd Carter.	do.	36 00
3422	do.	F. Z. Radell.	do.	34 00
3423	do.	J. E. Feldman.	do.	21 80
3424	do.	Harold Morris.	do.	15 00
3425	do.	M. H. Campbell.	do.	14 20
3426	do.	H. Jessen.	do.	30 50
3427	do.	C. Jessen.	do.	23 00
3428	do.	Harriet Berninger.	do.	11 60
3429	do.	Irma Houser.	do.	9 60
3430	do.	Ruth Fox.	do.	7 40
3431	do.	Olena Adams.	do.	2 20
3432	do.	A. Bagusin.	do.	22 50
3433	do.	A. P. Brown.	do.	15 00
3434	do.	John Larson.	do.	7 20
3435	do.	J. H. Gage.	do.	5 80
3436	do.	C. P. Barkman.	do.	22 80
3437	do.	Gordon Keith.	do.	8 90
3438	do.	Ella Tillotson.	do.	11 80
3439	do.	Rueben E. Peterson.	do.	9 00
3440	do.	R. P. Brown.	do.	38 70
3441	do.	B. R. Ordonez.	do.	31 15
3442	do.	A. H. Burger.	do.	1 60
3443	do.	B. O. Mills.	do.	6 00
3444	do.	W. R. Morrison.	do.	24 53
3445	do.	E. U. Rugg.	do.	30 25
3446	do.	C. E. Runyan.	do.	10 40
3447	do.	Boyd Teeters.	do.	7 60
3448	do.	H. M. Thurston.	do.	16 65
3449	do.	John Breedis.	do.	16 75
3450	do.	H. P. Greison.	do.	12 60
3451	do.	Max Rukin.	do.	14 50

## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
3452	1914	S. C. Pung.	Wages, November, 1914.	\$ 6 20
3453	Dec. 3	F. E. Cavette.	do.	40 00
3454	do.	S. D. Harwood.	do.	27 75
3455	do.	Nellie McVey.	do.	18 30
3456	do.	Josephine Bernhardt.	do.	16 30
3457	do.	Lloyd D. Bunting.	do.	15 70
3458	do.	LaRhue Kile.	do.	23 40
3459	do.	R. H. Brooks.	do.	11 20
3460	do.	C. C. Fouk.	do.	25 00
3461	do.	J. K. Prim.	do.	19 52
3462	do.	J. R. Colbert.	do.	36 75
3463	do.	Russell Castle.	do.	7 40
3464	do.	L. D. Bunting.	do.	16 40
3465	do.	O. W. Allen.	do.	10 70
3466	do.	Mary Craigmile.	do.	16 00
3467	do.	Olive Faine.	do.	16 00
3468	do.	A. C. Erdahl.	do.	12 60
3469	do.	Grace Geyer.	do.	6 60
3470	do.	Rachel Myers.	do.	11 60
3471	do.	Lucia Milzen.	do.	9 80
3472	do.	E. F. Holman.	do.	10 90
3473	do.	E. L. Thurston.	do.	28 80
3474	do.	Arthur Semple.	do.	10 00
3475	do.	H. L. Hannah.	do.	43 35
3476	do.	M. E. Slater.	do.	22 63
3477	do.	L. D. Finks.	do.	17 25
3478	do.	L. A. Shonle.	do.	90
3479	do.	W. B. Barber.	do.	10 10
3480	do.	E. W. Brunskill.	do.	8 40
3481	do.	E. L. Harvey.	do.	2 15
3482	do.	Rufce Henderson.	do.	14 70
3483	do.	W. C. Kolmer.	do.	14 85
3484	do.	John Lamb, Jr.	do.	8 20
3485	do.	Fred Leggett.	do.	10 90
3486	do.	Thomas E. Lidster.	do.	14 75
3487	do.	H. H. Lloyd.	do.	18 25
3488	do.	Henry Miner.	do.	26 60
3489	do.	C. H. Reeling.	do.	27 60
3490	do.	C. H. Rowbridge.	do.	2 40
3491	do.	E. A. Wells.	do.	30 90
3492	do.	F. C. Johnson.	do.	21 70
3493	do.	F. M. Ochood.	do.	15 70
3494	do.	Rege Welch.	do.	11 20
3495	do.	S. A. Harris.	do.	14 70
3496	do.	S. A. Weber.	do.	12 75
3497	do.	C. W. McCuen.	do.	20 70
3498	do.	E. F. Murphy.	do.	20 00
3499	do.	C. T. Hurd.	do.	32 75
3500	do.	O. M. McGhee.	do.	15 60
3501	do.	H. H. Hensold.	do.	1 90
3502	do.	W. B. Ailes.	do.	19 20
3503	do.	Fred Dale.	do.	13 60
3504	do.	Herman Dale.	do.	19 40
3505	do.	J. E. Durst.	do.	13 40
3506	do.	H. J. Herhold.	do.	13 30
3507	do.	C. E. Horton.	do.	3 30
3508	do.	W. R. Jones.	do.	31 75
3509	do.	Ivan Gill.	do.	3 60
3510	do.	John Lamb, Jr.	do.	14 80
3511	do.	John Mann.	do.	34 90
3512	do.	Raymond Reese.	do.	38 50
3513	do.	M. Russell Davis.	do.	29 55
3514	do.	F. W. Farley.	do.	6 90
3515	do.	Geo. Hedrick.	do.	7 70
3516	do.	L. Hunt.	do.	9 50
3517	do.	S. C. Skant.	do.	29 25
3518	do.	W. W. Wilson.	do.	19 30
3519	do.	S. R. Farnah.	do.	13 00
3520	do.	L. N. Greene.	do.	3 20
3521	do.	C. G. Hadden.	do.	2 60
3522	do.	W. H. Keston.	do.	1 80
3523	do.	R. F. McDowell.	do.	6 40
3524	do.	B. O. Mills.	do.	3 20
3525	do.	H. B. Rosenberg.	do.	4 40
3526	do.	F. W. Farley.	do.	3 80
3527	do.	Arthur Sample.	do.	1 20
3528	do.	F. W. Smith.	do.	11 13
3529	do.	Oliver T. Neslage.	do.	

## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
<b>1914</b>				
3530	Dec. 3	Martin C. Hughes.	Wages, November, 1914.	\$ 14 75
3531	do.	M. D. Jones.	do.	27 00
3532	do.	L. F. Simpson.	do.	7 44
3533	do.	F. W. Graves.	do.	28 43
3534	do.	Lloyd Castle.	do.	9 50
3535	do.	W. H. Kane.	do.	7 70
3536	do.	W. H. Browne.	do.	8 20
3537	do.	B. I. Rutledge.	do.	10 00
3538	do.	G. H. Lindsey.	do.	14 70
3539	do.	R. E. Gray.	do.	10 87
3540	do.	L. E. Voorhees.	do.	11 88
3541	do.	A. N. Eleazarian.	do.	10 00
3542	do.	Edward Gilmer.	Threshing cowpeas, Oct. 7-21, 1914.	108 00
3543	do.	Wm. Trelease.	Laboratory supplies.	2 45
3544	do.	Bernicelyn Jones.	Addressing envelopes.	7 80
3545	do.	Florence E. Watson.	Traveling expenses.	45 27
3546	do.	Lloyd Morey.	do.	7 95
3547	do.	M. Hudson.	Dairy office.	3 81
3548	do.	R. A. Lumsden.	do.	5 90
3549	do.	C. C. Gordon.	do.	8 02
3550	do.	R. S. McInnes.	do.	5 11
3551	do.	G. W. Van Meter.	do.	5 27
3552	do.	Ralph Smith.	do.	3 81
3553	do.	E. J. Percival.	do.	3 27
3554	do.	Lou Creiger.	do.	4 59
3555	do.	E. Grove.	do.	4 73
3556	do.	J. E. Henderson.	do.	4 08
3557	do.	Fred Thompson.	do.	4 52
3558	do.	W. C. Welch, R. F. D., Urbana.	Creamery.	5 09
3559	do.	Hungerford Bros., Loda.	do.	6 11
3560	do.	Mary Warner, Mahomet.	do.	5 23
3561	do.	F. Knox, Mahomet.	do.	6 84
3562	do.	A. Shields, Dewey.	do.	6 59
3563	do.	C. E. Hopkins, Tonti.	do.	6 25
3564	do.	E. P. Ott, Ogden.	do.	3 66
3565	do.	Wm. Case, Ogden.	do.	5 84
3566	do.	R. H. Brewer, Ogden.	do.	5 16
3567	do.	J. A. Morgan, Homer.	do.	4 31
3568	do.	J. H. Umbanhower, Homer.	do.	5 50
3569	do.	Arthur Morgan, Homer.	do.	4 78
3570	do.	Louie Wienke, Homer.	do.	7 20
3571	do.	Van Carter, Homer.	do.	4 82
3572	do.	Lon Libka, Homer.	do.	3 76
3573	do.	Earl Dixon, Fithian.	do.	4 15
3574	do.	James Richard, Fithian.	do.	6 49
3575	do.	Henry Gorman, Fithian.	do.	5 30
3576	do.	Earl Plottner, Fithian.	do.	5 24
3577	do.	Richmond Bros., Waterman.	do.	2 95
3578	do.	Dallas Creamery Co., Dallas City.	do.	19 24
3579	do.	M. E. Simonsen, Astoria.	do.	9 50
3580	do.	A. J. Spohn, Morrison.	do.	9 82
3581	do.	Newton Creamery Co., Newton.	do.	10 17
3582	do.	Frank Szerlong, Camp Point.	do.	9 56
3583	Dec. 4	John Aschermann.	Wages, November, 1914.	44 20
3584	do.	Wm. Atwell.	do.	61 11
3585	do.	J. E. Bailey.	do.	54 60
3586	do.	V. R. Barnes.	do.	88 40
3587	do.	M. C. Booher.	do.	60 00
3588	do.	A. J. Booker.	do.	83 20
3589	do.	Geo. Boyer.	do.	59 95
3590	do.	John Brannigan.	do.	73 50
3591	do.	J. E. Browning.	do.	60 00
3592	do.	Harry Brown.	do.	59 85
3593	do.	Basil Brown.	do.	69 12
3594	do.	A. J. Brown.	do.	33 60
3595	do.	D. M. Bullock.	do.	39 79
3596	do.	Thos. Butler.	do.	58 88
3597	do.	Karl Cagann.	do.	55 02
3598	do.	Neal Canaday.	do.	50 85
3599	do.	Rolla S. Carson.	do.	58 20
3600	do.	J. Cassidy.	do.	43 60
3601	do.	Jas. Casad.	do.	120 00
3602	do.	John Ceduskey.	do.	76 56
3603	do.	John Clark.	do.	29 20
3604	do.	Bert Clark.	do.	46 24
3605	do.	J. W. Cheever.	do.	48 00
3606	do.	Frank Clancy.	do.	86 39



## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount
3607	Dec. 4	Harry Clifford.	Wages, November, 1914.	\$ 72 10
3608	do.	R. J. Coller.	do.	61 20
3609	do.	A. L. Collins.	do.	58 00
3610	do.	B. F. Cracked.	do.	57 00
3611	do.	J. D. Craig.	do.	83 20
3612	do.	F. Crabborne.	do.	80 28
3613	do.	Roy Crawford.	do.	49 00
3614	do.	Frank Cunningham.	do.	106 25
3615	do.	F. E. Cripp.	do.	67 20
3616	do.	Jos. Davis.	do.	70 46
3617	do.	C. M. Davis.	do.	47 60
3618	do.	E. H. Dexter.	do.	77 52
3619	do.	J. B. Doll.	do.	84 00
3620	do.	C. A. Dunseith.	do.	86 80
3621	do.	B. F. English.	do.	62 79
3622	do.	M. Felner.	do.	49 00
3623	do.	Thos. J. Fay.	do.	58 00
3624	do.	Herman Fedtruph.	do.	72 00
3625	do.	Fred Fender.	do.	86 70
3626	do.	Louis Fender.	do.	66 86
3627	do.	Arthur Fieg.	do.	46 80
3628	do.	J. C. Fiscus.	do.	82 80
3629	do.	J. J. Fiscus.	do.	60 72
3630	do.	Felix Fox.	do.	57 20
3631	do.	Guy Fox.	do.	75 06
3632	do.	Frank Fogarty.	do.	75 06
3633	do.	Wm. Fogarty.	do.	49 35
3634	do.	C. F. Freeman.	do.	49 80
3635	do.	L. E. Frazier.	do.	58 59
3636	do.	V. F. Franklin.	do.	78 40
3637	do.	V. S. Glean.	do.	56 65
3638	do.	W. H. Graydeal.	do.	86 80
3639	do.	A. Glawe.	do.	83 80
3640	do.	Gust Gundlock.	do.	81 20
3641	do.	Sell Hamlin.	do.	60 00
3642	do.	Samuel Hanson.	do.	66 50
3643	do.	E. J. Harlan.	do.	64 74
3644	do.	L. R. Harris.	do.	22 09
3645	do.	L. E. Haritz.	do.	86 00
3646	do.	Gros. Hillz.	do.	52 22
3647	do.	W. C. Hixon.	do.	31 20
3648	do.	Henry Higgins.	do.	84 10
3649	do.	F. F. Hoover.	do.	58 12
3650	do.	Ross Hoover.	do.	72 09
3651	do.	F. M. Irvine.	do.	52 86
3652	do.	Jos. Irvine.	do.	55 00
3653	do.	Guy Johnson.	do.	50 20
3654	do.	A. L. Johnson.	do.	60 90
3655	do.	C. C. Johnson.	do.	42 50
3656	do.	Margaret Jones.	do.	49 50
3657	do.	E. Johns.	do.	108 00
3658	do.	E. W. Justus.	do.	67 50
3659	do.	Timothy K emney.	do.	69 30
3660	do.	J. A. J. Klien.	do.	61 41
3661	do.	Fred Langhoff.	do.	80 27
3662	do.	A. Langhoff.	do.	70 14
3663	do.	E. C. Lewis.	do.	72 34
3664	do.	P. L. Livick.	do.	79 34
3665	do.	A. C. Litton.	do.	59 64
3666	do.	J. F. Long.	do.	70 77
3667	do.	Thos. Long.	do.	75 06
3668	do.	H. H. Malorney.	do.	70 38
3669	do.	Thurman Mathews.	do.	48 90
3670	do.	Vernon May.	do.	82 80
3671	do.	W. M. Meadows.	do.	58 20
3672	do.	O. E. Meenach.	do.	70 50
3673	do.	O. L. Mendenhall.	do.	43 70
3674	do.	Dan Meneely.	do.	57 96
3675	do.	C. M. Miller.	do.	101 76
3676	do.	J. H. Miller.	do.	35 29
3677	do.	D. L. Moody.	do.	35 50
3678	do.	P. O. Moore.	do.	43 50
3679	do.	Rebecca Morgan.	do.	64 13
3680	do.	A. Moran.	do.	49 13
3681	do.	Jesse Myers.	do.	57 50
3682	do.	A. J. McAlister.	do.	74 40
3683	do.	Jas. McCullough.	do.	59 40
3684	do.	Frances E. McHughen.	do.	42 50

## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
3685	Dec. 4	B. F. McDaniel	Wages, November, 1914	\$ 36 80
3686	..do..	W. J. McFadden	..do..	38 60
3687	..do..	Wm. McFarland	..do..	47 70
3688	..do..	C. E. McCown	..do..	45 90
3689	..do..	Carl Neblock	..do..	84 60
3690	..do..	J. R. Newton	..do..	69 60
3691	..do..	C. M. Ollis	..do..	60 00
3692	..do..	R. A. Palfreyman	..do..	49 40
3693	..do..	O. J. Patterson	..do..	45 22
3694	..do..	Nick Peterson	..do..	49 40
3695	..do..	S. A. Porter	..do..	82 80
3696	..do..	E. W. Presson	..do..	50 00
3697	..do..	W. C. Prevetie	..do..	53 20
3698	..do..	J. F. Purkins	..do..	50 82
3699	..do..	Wm. Quinn	..do..	58 17
3700	..do..	Ben L. Reed	..do..	55 10
3701	..do..	Gilbert Robbins	..do..	43 80
3702	..do..	Ed Richards	..do..	104 16
3703	..do..	G. Rittenhouse	..do..	45 90
3704	..do..	Mary Ryan	..do..	39 95
3705	..do..	S. Randolph	..do..	69 80
3706	..do..	Martin Sandwell	..do..	82 80
3707	..do..	A. Service	..do..	63 25
3708	..do..	S. A. Shaw	..do..	72 40
3709	..do..	J. W. Smith	..do..	119 72
3710	..do..	Lloyd Smock	..do..	61 00
3711	..do..	J. C. Snider	..do..	52 39
3712	..do..	A. C. Speedie	..do..	85 20
3713	..do..	L. M. Stearns	..do..	63 00
3714	..do..	Frank Stateler	..do..	71 94
3715	..do..	Elmer Stratton	..do..	44 83
3716	..do..	Otto Swearingen	..do..	58 95
3717	..do..	Roy Tatlock	..do..	45 50
3718	..do..	Wm. Templin	..do..	79 87
3719	..do..	H. L. Thompson	..do..	49 00
3720	..do..	I. F. Tillotson	..do..	63 68
3721	..do..	Geo. Toy	..do..	62 33
3722	..do..	Geo. Turner	..do..	64 86
3723	..do..	O. J. Utterback	..do..	52 20
3724	..do..	J. H. Vandiventer	..do..	84 80
3725	..do..	A. Warmbier	..do..	78 90
3726	..do..	P. T. Walter	..do..	34 40
3727	..do..	Edwin Wells	..do..	60 00
3728	..do..	C. J. Welch	..do..	140 00
3729	..do..	Ed Wharmby	..do..	66 47
3730	..do..	Wesley Wilson	..do..	82 80
3731	..do..	Frank Wiltz	..do..	85 00
3732	..do..	Amos Wright	..do..	77 60
3733	..do..	Wm. Wilde	..do..	93 00
3734	..do..	Walter Winger	..do..	59 40
3735	..do..	Agnes A. Wagner	..do..	40 00
3736	..do..	O. Leigh Hunt	..do..	40 00
3737	..do..	Ora B. Castle	..do..	50 00
3738	..do..	Daisy O. Swearingen	..do..	50 00
3739	..do..	Roberta Wright	..do..	29 75
3740	..do..	C. A. Brumley	..do..	52 00
3741	..do..	Lawrence Nesbit	..do..	55 00
3742	..do..	Marion E. Sparks	..do..	60 00
3743	..do..	Forest Mock	..do..	50 00
3744	..do..	K. Hathaway	..do..	33 33
3745	..do..	Mollie B. Frazier	..do..	50 00
3746	..do..	Maude Campbell	..do..	44 00
3747	..do..	J. J. Herbert	..do..	45 20
3748	..do..	T. M. Lyons	..do..	44 30
3749	..do..	Edward Brown	..do..	50 00
3750	..do..	C. E. Mattoon	..do..	50 00
3751	..do..	Geo. F. Smalley	..do..	42 20
3752	..do..	A. L. Shriver	..do..	47 52
3753	..do..	Hazel L. Rock	..do..	50 00
3754	..do..	L. C. Bernard	..do..	70 00
3755	..do..	Wm. H. Boyer	..do..	95 00
3756	..do..	Morris Munson	..do..	35 35
3757	..do..	Frank Leshar	..do..	84 15
3758	..do..	C. R. Gustafson	..do..	130 00
3759	..do..	R. L. Kelley	..do..	125 00
3760	..do..	E. R. Math	..do..	133 33
3761	..do..	Cevilla Carothers	..do..	50 75
3762	..do..	F. M. Perry	..do..	60 03
3763	..do..	T. O. Henderson	..do..	105 26

## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
<b>1914</b>				
3764	Dec. 4	Ruthe Murphey	Wages, November, 1914.	\$ 58 58
3765	..do..	L. E. Withey	..do..	46 35
3766	..do..	T. A. Clark	Expense of attending Alumni dinner	12 00
3767	..do..	H. D. Easton	Traveling expenses	11 75
3768	..do..	Geo. E. Frazer	..do..	13 32
3769	..do..	Alexander Lumber Co.	One case drawers	50 00
3770	..do..	G. E. Grubb & Co., Engravers	Half tones	10 75
3771	..do..	Peck & Hills Furniture Co.	Desks	75 95
3772	..do..	Ernst Hertzberg & Sons	Books	21 36
3773	..do..	Gladys Leonard	Wages, November, 1914.	8 40
3774	..do..	Newman Romero	..do..	19 20
3775	..do..	E. H. Sperry	Premium on insurance policy No. 455	1 35
3776	..do..	O. E. Staples, Bursar	Rebates to students	218 00
3777	..do..	T. D. Yensen	Express on Engineering Experiment Station cuts sent to Europe	4 85
3778	Dec. 5	E. F. Lyons	Dairy office	3 60
3779	..do..	Lucas Dufner, Farmer City	Creamery	6 66
3780	..do..	E. R. Hamm, Rantoul	..do..	4 95
3781	..do..	S. G. Richards, Muncie	..do..	2 51
3782	..do..	R. L. Meyers, Mahomet	..do..	4 44
3783	..do..	John Rueb, Fithian	..do..	4 60
3784	..do..	T. F. Jordan, Savoy	..do..	10 10
3785	..do..	C. Ross, Savoy	..do..	6 26
3786	..do..	B. Jordan, Savoy	..do..	3 13
3787	..do..	Pearl Hazen, Mahomet	..do..	4 47
3788	..do..	T. H. Palmer, Fithian	..do..	4 08
3789	..do..	R. H. McAlister, Muncie	..do..	5 41
3790	..do..	C. J. Kissacke, Potomac	..do..	6 88
3791	..do..	D. S. Herriott, Mahomet	..do..	4 61
3792	..do..	Z. Alsip, Ogden	..do..	3 90
3793	..do..	Carl Watkins, Fithian	..do..	3 32
3794	..do..	S. V. Mayhen, Fithian	..do..	6 08
3795	..do..	Fred Rein, Urbana	..do..	13 70
3796	..do..	W. L. Davis, Mahomet, R. F. D. No. 40	..do..	9 38
3797	..do..	E. A. Smith, Urbana, R. F. D.	..do..	5 30
3798	Dec. 7	Ralph Smith	Dairy office	4 62
3799	..do..	A. R. Grindley	..do..	1 70
3800	..do..	J. Jarrett, Urbana, R. F. D. No. 8	Creamery	7 17
3801	..do..	G. F. Diefenbach, Champaign, R. F. D. No. 4	..do..	5 27
3802	..do..	W. M. Meyer, Urbana, R. F. D.	..do..	3 81
3803	..do..	J. A. B. Koch, Mayview	..do..	5 13
3804	..do..	J. H. Evans, Dewey	..do..	4 48
3805	..do..	J. B. Marsh, Ogden	..do..	7 37
3806	..do..	Robert Childers, Ogden	..do..	2 89
3807	..do..	G. B. Giddings, Ogden	..do..	7 55
3808	..do..	P. J. Wagner, Ogden	..do..	6 08
3809	..do..	James Fisher, Ogden	..do..	3 26
3810	..do..	W. J. Wilson, Ogden	..do..	1 55
3811	..do..	C. E. Smoot, Fithian	..do..	4 86
3812	..do..	J. B. Skinner, Fithian	..do..	2 98
3813	..do..	W. E. Yount, Homer	..do..	6 12
3814	..do..	W. D. Rohl, Homer	..do..	3 88
3815	..do..	F. W. Howell, Homer	..do..	2 04
3816	..do..	H. Allison, Homer	..do..	6 19
3817	..do..	C. C. Rayburn, Bondville	..do..	5 81
3818	..do..	Dr. J. A. Sperry	Laboratory supplies and service	4 28
3819	..do..	J. W. Butler Paper Co.	Envelopes	81 42
3820	..do..	O. E. Staples, Bursar	Student labor	5 00
3821	..do..	O. E. Staples, Bursar	Rebates to students	27 00
3822	..do..	O. E. Staples, Bursar	Sundry bills	78 55
3823	..do..	O. E. Staples, Bursar	Express	81 28
3824	..do..	A. L. Sowers	Lumber, etc.	1 65
3825	Dec. 8	Geo. E. Frazer, Comptroller	Abstract	43 79
3826	..do..	Geo. E. Frazer, Comptroller	..do..	43 79
3827	Dec. 10	E. P. Lyons	Dairy office	3 88
3828	..do..	M. Hudson	..do..	5 44
3829	..do..	R. A. Lumsden	..do..	4 05
3830	..do..	C. C. Gordon	..do..	8 47
3831	..do..	R. S. McInnes	..do..	3 74
3832	..do..	P. P. Dunn	..do..	2 92
3833	..do..	J. E. Henderson	..do..	6 32
3834	..do..	Ralph Smith	..do..	4 45
3835	..do..	H. I. Nelson	..do..	2 38
3836	..do..	E. A. Smith, R. F. D., Urbana	Creamery	4 39
3837	..do..	C. C. Hopkins, Tonti	..do..	6 79

## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
1914				
3838	Dec. 10	Hungerford Bros., Loda	Creamery	\$ 5 90
3839	do.	R. J. Craig, Fairmount	do.	4 25
3840	do.	G. W. Van Meter, Savoy	do.	10 06
3841	do.	W. L. Davis, Mahomet	do.	4 96
3842	do.	Henry Reinhart, Dewey	do.	4 69
3843	do.	A. Shields, Dewey	do.	6 35
3844	do.	J. B. Marsh, Ogden	do.	7 04
3845	do.	R. H. Brewer, Ogden	do.	3 67
3846	do.	Wm. Case, Ogden	do.	6 26
3847	do.	D. Hahn, Ogden	do.	6 19
3848	do.	H. Allison, Homer	do.	6 49
3849	do.	J. H. Umbanhower, Homer	do.	4 01
3850	do.	F. Krukewitt, Homer	do.	4 22
3851	do.	J. F. Frances, Fithian	do.	4 49
3852	do.	S. C. Payne, Fithian	do.	3 20
3853	do.	Guy Holick, Fithian	do.	6 05
3854	do.	James Freeman, Fithian	do.	6 22
3855	do.	John Engelhardt	Dairy office	57 72
3856	do.	Fred Thompson	do.	4 18
3857	do.	P. P. Lyons	do.	5 13
3858	do.	Macy Bros., Fithian	Creamery	10 61
3859	do.	Frank Knox, Mahomet	do.	5 74
3860	do.	J. M. Herriott, Mahomet	do.	2 68
3861	do.	Thos. H. Barker, Bondville	do.	4 90
3862	do.	D. S. Herriott, Mahomet	do.	8 32
3863	do.	A. W. Williams, Homer	do.	4 32
3864	do.	Ralph Ridgeley, Seymour	do.	4 15
3865	do.	S. Lee Cox, Oakwood	do.	7 90
3866	do.	W. J. Kelly, Loda	do.	3 79
3867	do.	Harvey Ray, Homer	do.	1 05
3868	do.	J. W. Hillard, Homer	do.	6 53
3869	do.	Joseph H. Evans, Dewey	do.	4 82
3870	do.	The Wabash R. R.	Freight	29 41
3871	do.	C. C., C. & St. L. Ry. Co.	do.	29 37
3872	do.	C. C., C. & St. L. Ry. Co.	do.	5 05
3873	do.	Ida Luther	Wages, November, 1914	38 50
3874	do.	J. W. Rinesmith	do.	45 83
3875	do.	Mark Small	do.	60 00
3876	do.	W. F. Campbell	do.	22 50
3877	do.	A. Bevis	do.	143 00
3878	do.	Ed Lerch	do.	14 00
3879	do.	C. L. Ritts	do.	12 10
3880	do.	Ethel Kratz	do.	20 00
3881	do.	C. C. Younglove	do.	10 20
3882	do.	P. A. Beindorf	do.	10 69
3883	do.	D. G. Evans	do.	13 00
3884	do.	O. A. Lansche	do.	10 60
3885	do.	H. R. Richardson	do.	24 50
3886	do.	LaRhue Kile	do.	1 23
3887	do.	Milton G. Silver	do.	10 50
3888	do.	Hedwig E. Roesner	do.	4 25
3889	do.	Chas. M. Webber, Postmaster	Postage, English Bulletin	1 40
3890	do.	R. C. Wagner & Son	Labor	20 00
3891	do.	Mrs. A. D. Horn	Laundry work	1 10
3892	do.	O. A. Harker	Traveling expenses	17 88
3893	do.	Henry M. DuBois	do.	6 86
3894	Dec. 11	Florence E. Watson	do.	25 79
3895	do.	Architectural Book Publishing Co.	Monograph	4 05
3896	do.	The Letter Shop	Mimeographing	8 00
3897	do.	The Drake Hotel Co.	Luncheons	20 25
3898	do.	Butler Paper Co.	Envelopes and paper	42 90
3899	do.	A. C. McClurg & Co.	Books	6 18
3900	do.	J. T. Montgomery	Traveling expenses	64 00
3901	do.	H. E. Cunningham	do.	21 08
3902	do.	W. N. Rudd	do.	16 58
3903	do.	W. L. Abbott	do.	9 40
3904	do.	Paul Gottschalk	Books	39 65
3905	do.	G. E. Stechert & Co.	do.	2 50
3906	do.	Ernst Hertzberg & Sons	do.	2 99
3907	do.	Max Weg	do.	48 55
3908	do.	Gustav Fock	do.	3 68
3909	do.	Alfred Bull	do.	41 27
3910	do.	Bailey Bros.	do.	6 20
3911	do.	P. & P. Santamaria	do.	20 10
3912	do.	G. Maraghiannis	do.	7 50
3913	do.	Davis & Orioli	do.	2 22
3914	do.	Neville & George	do.	6 91
3915	do.	Herbert E. Gorfin	do.	10 40

## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
1914				
3916	Dec. 11	Bernard Quaritch	Books	\$ 9 28
3917	do.	Sommer & Figho	do.	10 50
3918	do.	John Davis	do.	10 87
3919	do.	A. Picard	do.	55 05
3920	do.	Fred Hess	Clerk Fees	85 00
3921	Dec. 12	Lou Creiger, Urbana, R. F. D. No. 10.	Creamery	3 91
3922	do.	E. Grove, Urbana, R. F. D. No. 10.	do.	4 96
3923	do.	J. W. Wilsey, Urbana, R. F. D. No. 10.	do.	10 54
3924	do.	Joseph Mounts, Rantoul, R. F. D. No. 22.	do.	6 49
3925	do.	Geo. Schiff, Homer, R. F. D. No. 61.	do.	3 26
3926	do.	B. Jordon, Savoy, R. F. D. No. 66.	do.	4 49
3927	do.	T. F. Jordon, Savoy, R. F. D. No. 66.	do.	11 22
3928	do.	C. Ross, Savoy, R. F. D. No. 66.	do.	6 60
3929	do.	J. A. Morgan, Homer	do.	3 40
3930	do.	J. W. Hillard, Homer	do.	6 05
3931	do.	Lon Libka, Homer	do.	3 67
3932	do.	F. Stadden, Homer	do.	5 20
3933	do.	H. Cherry, Ogden	do.	5 71
3934	do.	S. V. Mayhen, Fithian	do.	6 86
3935	do.	Wm. Van Buskirk, Fithian	do.	6 05
3936	do.	Pearl Hazen, Mahomet	do.	4 96
3937	do.	S. T. Carter, Mahomet	do.	4 21
3938	do.	D. S. Herriott, Mahomet	do.	5 10
3939	do.	R. L. Meyers, Mahomet	do.	4 55
3940	do.	Mary Warner, Mahomet	do.	5 02
3941	do.	John Cornet, St. Joseph	do.	3 88
3942	do.	R. H. McAlister, Muncie	do.	5 71
3943	do.	C. E. Kelly, Paxton	do.	4 37
3944	Dec. 14	E. J. Percival	Dairy office	3 77
3945	do.	Fred Thompson	do.	3 50
3946	do.	A. R. Grindley	do.	2 62
3947	do.	C. C. Rayburn, Bondville	Creamery	5 85
3948	do.	J. W. Rayburn, Bondville	do.	5 03
3949	do.	W. E. Yount, Homer	do.	5 78
3950	do.	T. H. Palmer, Fithian	do.	5 58
3951	do.	John Rueb, Fithian	do.	5 27
3952	do.	W. J. Wilson, Ogden	do.	2 14
3953	do.	J. A. R. Koch, Mayview	do.	5 44
3954	do.	Frank Hetto, Homer	do.	5 00
3955	do.	John Jarrett, Urbana, R. F. D.	do.	5 07
3956	Dec. 15	L. E. Knorr, Assistant Comptroller	General labor	32 60
3957	do.	L. E. Knorr, Assistant Comptroller	Rebates	158 25
3958	do.	L. E. Knorr, Assistant Comptroller	Student labor	21 48
3959	do.	L. E. Knorr, Assistant Comptroller	Sundry bills	54 13
3960	do.	L. E. Knorr, Assistant Comptroller	Express	45 45
3961	do.	Illinois Central R. Co.	Freight	29 21
3962	do.	C. C. C. & St. L. Ry. Co.	do.	3 19
3963	do.	The Wabash R. R.	do.	449 67
3964	do.	The Wabash R. R.	do.	1 72
3965	do.	C. C. C. & St. L. Ry. Co.	do.	124 61
3966	do.	Bernard Harrington	Salary, October and November, 1914.	120 00
3967	do.	Mary E. Busey	Traveling expenses	11 04
3968	do.	Smith's Hotel & Resturant	Banquet	10 00
3969	do.	Champaign County Abstract Co.	Abstracts	10 50
3970	do.	Paul Gottschalk	Books	56
3971	do.	A. Hermann & Son	do.	51 85
3972	do.	E. F. Lyons	Dairy office	4 32
3973	do.	Henry Reinhart, Dewey	Creamery	5 84
3974	do.	Frank Knox, Mahomet	do.	5 30
3975	do.	Hungerford Bros., Loda	do.	6 07
3976	do.	C. E. Hopkins, Tonti	do.	7 30
3977	do.	A. Shields, Dewey	do.	6 25
3978	do.	S. Lee Cox, Oakwood	do.	7 82
3979	do.	H. Allison, Homer	do.	5 30
3980	do.	Earl Dickson, Fithian	do.	4 22
3981	do.	Z. Alsip, Ogden	do.	4 25
3982	do.	Lucas Dufner, Farmer City	do.	6 94
3983	do.	J. H. Evans, Dewey	do.	4 69
3984	do.	W. D. Rohl, Homer	do.	5 47
3985	Dec. 16	Robt. Graham	Dairy office	7 39
3986	do.	John McCullough	do.	10 48
3987	do.	Ralph Smith	do.	7 45
3988	do.	H. I. Nelson	do.	1 70
3989	do.	C. C. Gordon	do.	6 46
3990	do.	R. S. McInnes	do.	2 31
3991	do.	R. A. Lumsden	do.	4 76
3992	do.	J. B. Marsh, Ogden	Creamery	6 73

## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1914			
3993	Dec. 16	C. E. Smoot, Fithian.	Creamery.	\$ 4 52
3994	do.	J. W. Hillard, Homer.	do.	6 15
3995	do.	Wm. Leischner, Milmine.	do.	6 39
3996	do.	James Fisher, Ogden.	do.	4 96
3997	do.	Louis J. Wienke, Homer.	do.	6 09
3998	do.	D. S. Herriott, Mahomet.	do.	8 72
3999	do.	P. J. Wagner, Ogden.	do.	8 67
4000	do.	Jas. Freeman, Fithian.	do.	6 73
4001	do.	J. B. Skinner, Fithian.	do.	1 77
4002	do.	G. B. Giddings, Ogden.	do.	8 64
4003	do.	G. W. VanMeter, Savoy.	do.	5 27
4004	do.	T. N. Burwash, Champaign.	do.	3 03
4005	do.	S. Atchison, Urbana, R. F. D.	do.	2 99
4006	do.	Robert Meals.	Wages, November to Dec. 15, 1914.	43 65
4007	do.	F. W. Graves.	do.	22 95
4008	do.	W. H. Kane.	do.	6 40
4009	do.	R. L. Castle.	do.	10 50
4010	Dec. 17	The Frank Shepard Co.	Subscriptions to Shepard's Annotations.	11 00
4011	do.	Dan G. Swannell.	Premium on bond of L. E. Knorr.	50 00
4012	do.	Chas. M. Webber, Postmaster.	Money advanced for postage.	50 00
4013	do.	J. W. Butler Paper Co.	Office supplies.	59 63
4014	do.	The Burnham Hospital.	Hospital expense of Otto Krelgl.	59 50
4015	do.	Dr. G. E. Cogswell.	Services rendered Otto Krelgl.	99 00
4016	do.	Dr. W. L. Gray.	do.	100 00
4017	do.	Dr. O. O. Stanley.	do.	30 00
4018	do.	A. J. Todd.	Photographic collections.	13 20
4019	do.	W. J. Smith.	10 heat coils.	6 00
4020	do.	Ernest Bros.	Traveling expenses.	10 77
4021	do.	William Wesley & Son.	Books.	3 00
4022	do.	First National Bank.	Redemption of sight draft drawn by C. L. Stewart.	60 00
4023	do.	Nathan W. MacChesney.	Traveling expenses.	10 94
4024	do.	V. T. Stevens.	do.	26 09
4025	do.	Benjamin Wham.	do.	26 84
4026	Dec. 18	T. P. Lyons.	Dairy office.	2 86
4027	do.	John Zeter, Lincoln.	Creamery.	6 71
4028	do.	W. L. Davis, Mahomet.	do.	5 57
4029	do.	Mary Warner, Mahomet.	do.	5 27
4030	do.	Robt. Childers, Ogden.	do.	2 69
4031	do.	Nicholas Hahn, Ogden.	do.	5 27
4032	do.	Wm. Case, Ogden.	do.	4 93
4033	do.	R. H. McAlister, Muncie.	do.	5 23
4034	do.	Arthur Morgan, Homer.	do.	5 13
4035	do.	C. C. Rayburn, Bondville.	do.	3 60
4036	do.	Earl Plottner, Fithian.	do.	5 68
4037	do.	J. F. Francis, Fithian.	do.	4 32
4038	do.	Geo. Schiff, Homer.	do.	3 26
4039	do.	Joseph H. Evans, Dewey.	do.	4 75
4040	do.	J. C. Shrock, Mahomet.	do.	4 01
4041	do.	Joseph Mounts, Rantoul, R. F. D. No. 22.	do.	6 42
4042	do.	T. F. Jordan, Savoy, R. F. D. No. 66.	do.	13 06
4043	do.	C. Ross, Savoy, R. F. D. No. 66.	do.	10 98
4044	do.	B. Jordan, Savoy, R. F. D. No. 66.	do.	6 19
4045	do.	E. A. Smith, Urbana, R. F. D.	do.	4 83
4046	do.	J. Jarrett, Urbana, R. F. D.	do.	3 40
4047	Dec. 21	R. H. Brooks.	Wages, December, 1914.	11 30
4048	do.	C. C. Foulk.	do.	23 00
4049	do.	J. R. Colbert.	do.	37 75
4050	do.	Russell Castle.	do.	14 80
4051	do.	John Ascherman.	Wages, Dec. 1-16, 1914.	24 00
4052	do.	W. M. Atwell.	do.	30 66
4053	do.	J. E. Bailey.	do.	30 66
4054	do.	V. R. Barnes.	do.	46 80
4055	do.	M. C. Booher.	do.	25 60
4056	do.	A. J. Booker.	do.	42 40
4057	do.	Geo. Boyer.	do.	29 61
4058	do.	John Brannigan.	do.	40 60
4059	do.	J. E. Browning.	do.	30 00
4060	do.	Harry Brown.	do.	28 56
4061	do.	Basil Brown.	do.	39 84
4062	do.	D. M. Bullock.	do.	34 04
4063	do.	Thos. Butler.	do.	32 89
4064	do.	Karl Cagan.	do.	31 28
4065	do.	Neal Canaday.	do.	24 52
4066	do.	Rolla S. Carson.	do.	25 60
4067	do.	J. Cassidy.	do.	17 90
4068	do.	Jas. Casad.	do.	57 60

## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
4069	1914	John Geduskey.	Wages, Dec. 1-16, 1914.	\$39 82
4070	do.	Bett Clark.	do.	25 84
4071	do.	J. W. Cheever.	do.	26 00
4072	do.	Frank Giancy.	do.	55 12
4073	do.	Harry Clifford.	do.	40 95
4074	do.	R. J. Collier.	do.	42 40
4075	do.	A. L. Collins.	do.	28 80
4076	do.	B. F. Crackel.	do.	28 00
4077	do.	J. D. Craig.	do.	42 40
4078	do.	F. Crathorne.	do.	41 93
4079	do.	Roy Crawford.	do.	27 00
4080	do.	Frank Cunningham.	do.	24 40
4081	do.	Frank Crump.	do.	35 00
4082	do.	Jos. Davis.	do.	24 05
4083	do.	J. B. Doll.	do.	31 00
4084	do.	G. A. Dunseath.	do.	36 00
4085	do.	B. F. English.	do.	30 36
4086	do.	M. Felgner.	do.	27 50
4087	do.	Thos. J. Fay.	do.	46 50
4088	do.	Herman Fechturph.	do.	38 00
4089	do.	Fred Fender.	do.	48 80
4090	do.	Louis Fender.	do.	31 40
4091	do.	J. C. Fencus.	do.	32 20
4092	do.	J. J. Fencus.	do.	22 60
4093	do.	Felix Fox.	do.	42 00
4094	do.	Felix Fox.	do.	42 00
4095	do.	Frank Fogarty.	do.	27 00
4096	do.	Wm. Fogarty.	do.	26 80
4097	do.	C. J. Freeman.	do.	27 72
4098	do.	F. H. Frazier.	do.	42 42
4099	do.	V. J. Franklin.	do.	30 45
4100	do.	V. S. Glenn.	do.	28 65
4101	do.	W. H. Graybeal.	do.	31 50
4102	do.	A. Glawe.	do.	42 40
4103	do.	Chas. Grumlock.	do.	45 60
4104	do.	Seth Hannin.	do.	28 00
4105	do.	Samuel Hanson.	do.	34 25
4106	do.	L. H. Hargan.	do.	32 90
4107	do.	L. H. Helmz.	do.	30 00
4108	do.	Chas. Hill.	do.	47 15
4109	do.	Wm. Hixson.	do.	26 80
4110	do.	Harry Higgins.	do.	46 00
4111	do.	F. F. Hoover.	do.	29 92
4112	do.	Ross Horton.	do.	33 12
4113	do.	F. M. Irvine.	do.	37 54
4114	do.	Jos. Irvine.	do.	28 14
4115	do.	Guy Johnson.	do.	30 82
4116	do.	A. J. Johnson.	do.	26 00
4117	do.	C. C. Johnson.	do.	31 50
4118	do.	Margaret Jones.	do.	22 10
4119	do.	E. Johns.	do.	52 00
4120	do.	E. W. Justis.	do.	35 00
4121	do.	Timothy Kenney.	do.	34 65
4122	do.	J. A. J. Klien.	do.	33 35
4123	do.	Fred Langhoff.	do.	41 93
4124	do.	A. Langhoff.	do.	34 65
4125	do.	E. C. Lewis.	do.	37 24
4126	do.	P. L. Layick.	do.	28 77
4127	do.	A. C. Litton.	do.	27 80
4128	do.	J. F. Long.	do.	42 66
4129	do.	Thos. Long.	do.	35 88
4130	do.	H. H. Mahomey.	do.	42 40
4131	do.	Thurman R. Mathews.	do.	24 00
4132	do.	Vernon May.	do.	42 40
4133	do.	W. M. Meadows.	do.	43 01
4134	do.	O. E. Meenach.	do.	25 80
4135	do.	Dan Menely.	do.	31 97
4136	do.	C. M. Miller.	do.	28 14
4137	do.	J. H. Miller.	do.	55 12
4138	do.	D. T. Moody.	do.	28 40
4139	do.	P. O. Moore.	do.	25 20
4140	do.	Rebecca Morgan.	do.	22 10
4141	do.	A. Moran.	do.	32 00
4142	do.	Jesse Myers.	do.	27 14
4143	do.	A. J. McAlister.	do.	35 76
4144	do.	Jas. McCullough.	do.	30 36
4145	do.	Mrs. Frances E. McClugnen.	do.	22 10
4146	do.	do.	do.	22 10

## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
4147	Dec. 21 1914	B. F. McDaniel.	Wages, Dec. 1-16, 1914.	\$ 33 40
4148	do.	W. J. McFadden.	do.	23 00
4149	do.	Wm. McFarland.	do.	25 00
4150	do.	C. E. McDown.	do.	27 22
4151	do.	Carl Neblock.	do.	41 10
4152	do.	J. H. Newton.	do.	28 80
4153	do.	C. M. Ollis.	do.	30 00
4154	do.	R. A. Palfreyman.	do.	25 60
4155	do.	O. J. Patterson.	do.	18 22
4156	do.	Nick Peterson.	do.	26 40
4157	do.	S. A. Potter.	do.	42 40
4158	do.	E. W. Presson.	do.	25 80
4159	do.	W. C. Prevette.	do.	30 40
4160	do.	J. F. Purkins.	do.	30 36
4161	do.	Wm. Quinn.	do.	29 82
4162	do.	Bert L. Reed.	do.	26 80
4163	do.	Gilbert Robbins.	do.	28 00
4164	do.	Ed. Richards.	do.	50 40
4165	do.	G. Ritzenhouse.	do.	26 32
4166	do.	Mary Ryan.	do.	21 25
4167	do.	S. Sandolph.	do.	33 00
4168	do.	Martin Sandwell.	do.	42 40
4169	do.	A. Servis.	do.	41 40
4170	do.	S. A. Shaw.	do.	42 40
4171	do.	W. J. Smith.	do.	57 81
4172	do.	L. H. Smock.	do.	30 40
4173	do.	J. C. Snider.	do.	27 09
4174	do.	A. C. Speedie.	do.	42 40
4175	do.	L. M. Stearns.	do.	28 35
4176	do.	Frank Stahler.	do.	28 16
4177	do.	Elmer Stratton.	do.	36 80
4178	do.	Otto Sverdrup.	do.	28 80
4179	do.	Koy Tallock.	do.	24 00
4180	do.	Wm. Tennin.	do.	43 87
4181	do.	H. F. Thompson.	do.	27 37
4182	do.	T. F. Tiltonson.	do.	33 37
4183	do.	Geo. Toy.	do.	32 88
4184	do.	Geo. Turner.	do.	27 80
4185	do.	J. H. Vetterback.	do.	41 50
4186	do.	P. W. Vamber.	do.	25 20
4187	do.	P. J. Walters.	do.	37 60
4188	do.	Edwin Wells.	do.	34 50
4189	do.	C. Welch.	do.	42 40
4190	do.	Ed. Winbury.	do.	42 40
4191	do.	Wesley Wilson.	do.	42 50
4192	do.	Presley Wilson.	do.	37 60
4193	do.	Amos Wichita.	do.	46 50
4194	do.	Wm. Wilde.	do.	45 30
4195	do.	Walter Wiles.	do.	36 40
4196	do.	L. G. Bernard.	do.	47 20
4197	do.	W. H. Boyer.	do.	23 98
4198	do.	Morris Mutton.	do.	42 75
4199	do.	Frank Lasher.	do.	65 00
4200	do.	C. I. Gustafson.	do.	71 50
4201	do.	A. Borys.	do.	26 00
4202	do.	Cecil Carothers.	do.	31 74
4203	do.	F. M. Perry.	do.	51 63
4204	do.	T. O. Henderson.	do.	30 16
4205	do.	Ruthie Murphree.	do.	43 85
4206	do.	Mrs. Louisa Redman.	do.	32 90
4207	do.	Mrs. May Kramer.	do.	29 25
4208	do.	Mrs. Emma Conrad.	do.	29 25
4209	do.	Mrs. Lizzie Shue.	do.	60 00
4210	do.	Lavina Dille.	do.	15 00
4211	do.	J. E. Morgan.	do.	100 00
4212	do.	C. F. Harding.	do.	75 00
4213	do.	W. W. Miller.	do.	80 00
4214	do.	R. M. Ross.	do.	50 00
4215	do.	Elizabeth Muhlman.	do.	50 00
4216	do.	Sadie Jones.	do.	40 00
4217	do.	Sidney Casner.	Salary, December, 1914.	45 00
4218	do.	R. C. Glover.	Wages, December, 1914.	25 00
4219	do.	Florence Sloutzenberg.	do.	45 00
4220	do.	Bernice Wilson.	do.	35 00
4221	do.	Irma Latzer.	Wages, Dec. 1-16, 1914.	25 00
4222	do.			



## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1914			
4223	Dec. 21	Florence H. Churton	Wages, Dec. 1-16, 1914	\$ 40 00
4224	do.	W. G. Butler	Wages, Nov. 9, Dec. 9, 1914	60 00
4225	do.	R. R. Manley	Wages, Oct. 24-31, 1914	14 67
4226	do.	Electric Coal Co.	Balance withheld under 1913-14 coal contract	498 91
4227	do.	Pantagraph Printing & Stationery Co.	Printing	139 46
4228	do.	Western Union Telegraph Co.	Telephone and telegraph	14 75
4229	do.	Postal Telegraph & Cable Co.	do.	11 75
4230	do.	Western Union Telegraph Co.	do.	14 67
4231	do.	T. A. Clark	Expenses on University business	21 32
4232	do.	J. Fischer & Bro.	Music	9 90
4233	do.	W. S. Bayley	Office supplies	2 77
4234	do.	Stoltey's Garage	Automobile hire	10 00
4235	do.	J. D. White	"Postage due" stamps furnished	
			Library July 17-Nov. 30, 1914	5 02
4236	do.	McGraw-Hill Book Co.	Books	4 25
4237	do.	Harris & Ewing	Six half tones	5 00
4238	do.	E. W. Mattoon	Sundry items for Department of Zoology	3 09
4239	Dec. 22	A. R. Grindley	Dairy office	2 21
4240	do.	E. Grove	do.	5 71
4241	do.	J. E. Henderson	do.	5 17
4242	do.	W. D. Rohl, Homer	Creamery	5 03
4243	do.	E. P. Ott, Ogden	do.	4 69
4244	do.	R. H. Brewer, Ogden	do.	5 64
4245	do.	W. E. Yount, Homer	do.	5 64
4246	do.	Lon Libka, Homer	do.	3 91
4247	do.	H. Allison, Homer	do.	5 24
4248	do.	S. V. Mayhem, Fithian	do.	6 63
4249	do.	W. J. Wilson, Ogden	do.	1 67
4250	do.	Carl Watkins, Fithian	do.	3 40
4251	do.	F. W. Howell, Homer	do.	2 55
4252	do.	W. L. Willsey, Urbana, R. F. D. No. 10	do.	9 79
4253	do.	G. C. Roberts, Urbana, R. F. D. No. 8	do.	8 26
4254	do.	W. R. Morrison	Wages, December, 1914	21 83
4255	do.	E. U. Rugg	do.	26 50
4256	do.	H. M. Thurston	do.	16 65
4257	do.	Dr. J. R. Allen	Medical services rendered Amos Wright	13 50
4258	do.	Dr. David E. Yantis	do.	16 75
4259	do.	Chas. M. Webber, Postmaster	Postage	2 15
4260	do.	Flatters & Garnett, Ltd.	Lantern slides	14 10
4261	do.	L. E. Knorr, Assistant Comptroller	Rebates to students	126 50
4262	do.	Wm. H. Browne, Secretary, College of Medicine	Sundry bills	285 97
4263	do.	Ernst Hertzberg & Sons	Books	302 32
4264	do.	Geo. E. Frazier, Comptroller	Traveling expenses	31 27
4265	do.	J. F. Ammann	do.	9 70
4266	do.	Spindler & Hoyer	Books	273 72
4267	do.	Edw. G. Allen & Son, Ltd.	do.	1 59
4268	Dec. 23	Ralph Smith	Dairy office	7 58
4269	do.	E. F. Lyons	do.	3 94
4270	do.	H. I. Nelson	do.	1 87
4271	do.	E. A. Smith	do.	3 74
4272	do.	Macy Bros., Fithian	Creamery	9 79
4273	do.	R. L. Meyers, Mahomet	do.	5 20
4274	do.	S. Lee Cox, Oakwood	do.	7 62
4275	do.	Ralph Ridgeley, Seymour	do.	4 96
4276	do.	H. Cherry, Ogden	do.	5 92
4277	do.	J. W. Hillard, Homer	do.	6 56
4278	do.	T. H. Palmer, Fithian	do.	4 90
4279	do.	G. W. VanMeter, Savoy	do.	10 64
4280	do.	E. W. Mattoon	Salary, December, 1914	60 00
4281	do.	T. H. Flood & Co.	Books	8 50
4282	do.	Louis E. Larsen	Semiannual interest on mortgage notes of College of Physicians and Surgeons	1,400 00
4283	do.	Dr. Frank B. Earle, Trustee	Semiannual interest on second mortgage bond issue of College of Physicians and Surgeons	3,302 70
4284	do.	The Traffic Service Bureau	Subscriptions	9 65
4285	do.	Mrs. Laura B. Evans	Traveling expenses	27 35
4286	do.	Mrs. F. E. McClughen	Laundry Nov. 27-Dec. 18	17 56
4287	do.	The Chicago Savings Bank & Trust Co., Trustee	Semiannual interest on first mortgage bond issue of College of Physicians and Surgeons	1,818 00
4288	do.	Chicago Savings Bank & Trust Co.	Fees as fiscal agent	6 33

## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
1914				
4289	Dec. 23	A. C. McClurg & Co.	Books.	\$ 12 87
4290	..do..	Ernst Hertzberg & Sons	..do.	4 95
4291	Dec. 24	E. Grove.	Dairy office.	5 30
4292	..do..	David Wilkins.	..do.	2 89
4293	..do..	E. J. Percival.	..do.	5 51
4294	..do..	R. A. Lumsden.	..do.	4 59
4295	..do..	R. S. McInnes.	..do.	3 84
4296	..do..	C. C. Gordon.	..do.	6 49
4297	..do..	Wm. Case, Ogden.	Creamery.	5 71
4298	..do..	Henry Reinhart, Dewey.	..do.	6 63
4299	..do..	D. S. Herriott, Mahomet.	..do.	8 22
4300	..do..	J. H. Evans, Dewey.	..do.	5 03
4301	..do..	Frank Knox, Mahomet.	..do.	5 47
4302	..do..	Wm. VanBuskirk, Fithian.	..do.	5 34
4303	..do..	E. R. Lape, Fisher.	..do.	3 70
4304	..do..	Pearl Hazen, Mahomet.	..do.	4 96
4305	..do..	J. B. Marsh, Ogden.	..do.	6 83
4306	..do..	James Freeman, Fithian.	..do.	6 03
4307	..do..	Chas. Rickhorst, Pesotum.	..do.	5 16
4308	..do..	Fritz Schweineke, Homer.	..do.	5 85
4309	..do..	A. Shields, Dewey.	..do.	6 15
4310	..do..	J. W. Rayburn, Bondville.	..do.	6 60
4311	..do..	G. C. Roberts, Urbana, R. F. D. No. 8.	..do.	10 61
4312	Dec. 28	A. R. Grindley.	Dairy office.	2 45
4313	..do..	Jas. Hammack.	..do.	1 22
4314	..do..	J. E. Henderson.	..do.	4 52
4315	..do..	Earl Dickson, Fithian.	Creamery.	3 40
4316	..do..	P. J. Wagner, Ogden.	..do.	8 23
4317	..do..	J. A. R. Koch, Mayview.	..do.	5 19
4318	..do..	M. B. Allen, Homer.	..do.	3 94
4319	..do..	S. Lee Cox, Oakwood.	..do.	7 96
4320	..do..	W. J. Wilson, Ogden.	..do.	1 77
4321	..do..	James Fisher, Ogden.	..do.	4 28
4322	..do..	Pearl Hazen, Mahomet.	..do.	4 89
4323	..do..	Mary Warner, Mahomet.	..do.	4 89
4324	..do..	R. H. McAlister, Muncie.	..do.	5 17
4325	..do..	Geo. Schiff, Homer.	..do.	3 88
4326	..do..	Ed. Smith, Homer.	..do.	4 45
4327	..do..	Guy Hobick, Fithian.	..do.	6 32
4328	..do..	T. F. Jordan, Savoy.	..do.	13 67
4329	..do..	C. Ross, Savoy.	..do.	9 89
4330	..do..	B. Jordan, Savoy.	..do.	4 01
4331	..do..	H. Allison, Homer.	..do.	4 76
4332	..do..	J. A. Morgan, Homer.	..do.	4 42
4333	..do..	W. D. Rohl, Homer.	..do.	5 40
4334	..do..	W. L. Davis, Mahomet.	..do.	5 33
4335	..do..	Geo. Diefenbach, Champaign, R. F. D. No. 4.	..do.	6 87
4336	..do..	W. W. Meyer, Urbana, R. F. D. No. 12.	..do.	5 24
4337	..do..	L. E. Knorr, Assistant Comptroller.	Student labor.	49 89
4338	..do..	L. E. Knorr, Assistant Comptroller.	Rebates.	35 00
4339	..do..	G. E. Stechert & Co.	Books.	1 32
4340	..do..	T. H. Flood & Co.	..do.	9 00
4341	..do..	Ernst Hertzberg & Sons.	..do.	158 87
4342	..do..	Illinois Traction System.	Freight.	472 76
4343	..do..	Illinois Central R. R. Co.	..do.	10 02
4344	..do..	C. C. C. & St. L. Ry. Co.	..do.	56 24
4345	..do..	The Wabash R. R.	..do.	657 14
4346	Dec. 29	E. F. Lyons.	Dairy office.	3 54
4347	..do..	F. Sanks, Homer.	Creamery.	5 00
4348	..do..	Fritz Schweineke, Homer.	..do.	6 66
4349	..do..	J. W. Hillard, Homer.	..do.	6 56
4350	..do..	H. Allison, Homer.	..do.	5 68
4351	..do..	J. F. Frances, Fithian.	..do.	5 85
4352	..do..	Ted. L. Lowery, Homer.	..do.	3 71
4353	..do..	C. E. Hopkins, Tonti.	..do.	6 28
4354	..do..	T. H. Palmer, Fithian.	..do.	5 17
4355	..do..	James Freeman, Fithian.	..do.	6 46
4356	..do..	Robert Childers, Ogden.	..do.	3 06
4357	..do..	W. H. Stevens, Urbana.	..do.	1 70
4358	..do..	G. W. VanMeter, Savoy.	..do.	6 39
4359	..do..	T. M. Ghery, Homer, R. F. D. No. 62.	..do.	5 10
4360	..do..	E. A. Smith, Urbana, R. F. D.	..do.	3 81
4361	..do..	I. W. Maxwell, Urbana, R. F. D. No. 10.	..do.	4 05
4362	Dec. 31	Fred Thompson.	Dairy office.	4 18
4363	..do..	E. Grove.	..do.	8 67
4364	..do..	Ralph Smith.	..do.	7 58
4365	..do..	John Englehardt.	..do.	13 43
4366	..do..	E. J. Percival.	..do.	8 36

## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1914			
4367	Dec. 31	David Wilkins	Dairy office	\$ 3 71
4368	do.	C. C. Gordon	do.	7 34
4369	do.	R. S. McInnes	do.	2 83
4370	do.	R. A. Lumsden	do.	3 03
4371	do.	W. D. Rohlf, Homer	Creamery	5 17
4372	do.	Jas. Evans, Dewey	do.	4 62
4373	do.	Z. Alsip, Ogden	do.	4 96
4374	do.	H. J. Moorehouse, Mahomet	do.	4 28
4375	do.	H. Cherry, Ogden	do.	5 51
4376	do.	Lon Libka, Homer	do.	4 22
4377	do.	L. W. Krukewitt, Homer	do.	3 06
4378	do.	R. H. Brewer, Ogden	do.	5 47
4379	do.	John Rueb, Fithian	do.	3 74
4380	do.	J. H. Jenks, Homer	do.	3 26
4381	do.	W. E. Yount, Homer	do.	7 58
4382	do.	D. S. Herriott, Mahomet	do.	5 23
4383	do.	G. B. Giddings, Ogden	do.	7 85
4384	do.	J. A. R. Koch, Mayview	do.	4 76
4385	do.	Wm. Case, Ogden	do.	5 41
4386	do.	J. W. Rayburn, Bondville	do.	7 72
4387	do.	Mrs. S. Herriott, Seymour	do.	4 96
4388	do.	C. C. Rayburn, Bondville	do.	7 17
4389	do.	Wm. Leoffer, Homer	do.	3 30
4390	do.	J. B. Marsh, Ogden	do.	6 70
4391	do.	Fred Rein, Urbana	do.	34 18
4392	do.	Frank Knox, Mahomet	do.	6 80
4393	do.	J. M. Herriott, Mahomet	do.	3 26
4394	do.	John Jarrett, Urbana, R. F. D.	do.	6 09
4395	do.	Florence E. Watson	Traveling expenses	35 25
4396	do.	Dr. C. H. Mills	do.	22 02
4397	do.	Mrs. Florence E. Ward	do.	26 50
4398	do.	E. E. Warner	Wages, December, 1914	10 02
4399	do.	G. H. Lindsey	do.	15 60
4400	do.	B. I. Rutledge	do.	10 00
4401	do.	L. E. Voorhees	do.	10 88
4402	do.	C. C. Maher	do.	50
4403	do.	Clara Hirtzel	do.	9 88
4404	do.	H. P. Greison	do.	12 80
4405	do.	Max Rukin	do.	13 70
4406	do.	S. C. Pung	do.	5 80
4407	do.	Forest Mock	do.	50 00
4408	do.	K. Hathaway	do.	50 00
4409	do.	C. A. Brumley	do.	59 40
4410	do.	M. C. Weaver	do.	75 00
4411	do.	A. O. Magnuson	do.	80 00
4412	do.	Kelsey B. Gardner	do.	65 00
4413	do.	Daisy O. Swearingen	do.	50 00
4414	do.	Agnes A. Wagner	do.	30 75
4415	do.	Henry O. Miller	do.	45 00
4416	do.	Albert Bradford	do.	60 00
4417	do.	Jeannette Craigmile	do.	50 00
4418	do.	Robert McKendrick	do.	50 00
4419	do.	Marion E. Sparks	do.	60 00
4420	do.	W. J. Prince	do.	22 50
4421	do.	J. L. Simonich	do.	20 75
4422	do.	Receiver, Central Union Telephone Co.	Telephone and telegraph	64 11
4423	do.	Ernst Hertzberg & Sons	Books	95 28
4424	do.	John Becker	1 dozen guinea pigs	1 00
4425	do.	Swift & Co.	1 keg of cleanser	2 43
4426	do.	Edward Baker	Scottish songs	4 00
4427	do.	M. Russell Davis	Wages, December, 1914	15 75
4428	do.	S. C. Skemp	do.	17 75
4429	do.	F. W. Farley	do.	18 20
	1915			
4430	Jan 4	J. E. Henderson	Dairy office	4 76
4431	do.	Mrs. Cora Stacher	do.	4 96
4432	do.	G. C. Roberts, Urbana, R. F. D. No. 8	do.	7 62
4433	do.	T. F. Jordan, Savoy, R. F. D. No. 66	do.	14 18
4434	do.	C. E. Ross, Savoy	do.	10 13
4435	do.	B. Jordan, Savoy	do.	3 81
4436	do.	Earl Plotner, Fithian	do.	5 03
4437	do.	Macy Bros., Fithian	do.	10 00
4438	do.	S. V. Mayhew, Fithian	do.	6 32
4439	do.	J. W. Hillard, Homer	do.	6 80
4440	do.	J. H. Umbanhower, Homer	do.	5 75
4441	do.	J. A. Morgan, Homer	do.	4 93
4442	do.	M. B. Allen, Homer	do.	3 84
4443	do.	N. Hahn, Ogden	do.	5 34

## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
<b>1915</b>				
4444	Jan. 4	Frank Kuder, St. Joseph	Dairy office	\$ 2 38
4445	..do.	A. Shields, Dewey	..do.	5 67
4446	..do.	C. E. Kelly, Paxton	..do.	3 39
4447	..do.	A. R. Grindley	Dairy office	7 17
4448	..do.	H. I. Nelson	..do.	4 59
4449	..do.	I. W. Maxwell, Urbana, R. F. D.	Creamery	6 94
4450	..do.	W. L. Davis, Mahomet, R. F. D. No. 40.	..do.	5 64
4451	..do.	Fred Rein, Urbana	..do.	13 19
4452	..do.	C. J. Kissacks, Armstrong	..do.	6 24
4453	..do.	R. H. McAllister, Muncie	..do.	5 85
4454	..do.	Lucas Duffner, Farmer City	..do.	7 11
4455	..do.	J. D. Pullian, Rumples	..do.	4 25
4456	..do.	Henry Reinhart, Dewey	..do.	5 61
4457	..do.	W. E. Satterfield, Homer	..do.	2 55
4458	..do.	Louie Wienke, Homer	..do.	6 09
4459	..do.	F. W. Howell, Homer	..do.	2 72
4460	..do.	John Cornett, St. Joseph	..do.	3 81
4461	..do.	Pearl Hazen, Mahomet	..do.	4 89
4462	..do.	D. S. Herriott, Mahomet	..do.	7 98
4463	..do.	E. P. Ott, Ogden	..do.	3 91
4464	..do.	Robert Childers, Ogden	..do.	3 40
4465	..do.	Wm. Case, Ogden	..do.	5 37
4466	..do.	Mrs. J. H. Rutan, Fithian	..do.	4 76
4467	Jan. 5	J. E. Featherston	Wages, December, 1914	17 00
4468	..do.	L. R. Sarett	Traveling expenses	1 36
4469	..do.	J. D. White	Postage	575 00
4470	..do.	E. J. Russell, Director, Rothamsted Expt. Station	Subscription to the Lawes Memorial Fund	500 00
4471	..do.	Western Union Telegraph Co.	Telephone and telegraph	45 22
4472	..do.	Western Union Telegraph Co.	..do.	3 10
4473	..do.	W. B. Day	Petty expense	97 57
4474	..do.	Wilhelm Miller	Telegram	3 75
4475	..do.	Joseph H. Hill	Services connected with Illinois Survey	100 00
4476	..do.	John Ascherman	Wages, Dec. 16-31, 1914	24 00
4477	..do.	Wm. Atwell	..do.	32 13
4478	..do.	J. E. Bailey	..do.	27 93
4479	..do.	V. R. Barnes	..do.	50 80
4480	..do.	M. C. Bocher	..do.	41 60
4481	..do.	A. J. Booker	..do.	35 20
4482	..do.	Geo. Boyer	..do.	38 22
4483	..do.	John Branningan	..do.	39 90
4484	..do.	J. E. Browning	..do.	32 00
4485	..do.	Harry Brown	..do.	28 56
4486	..do.	Basil Brown	..do.	31 68
4487	..do.	D. M. Bullock	..do.	31 28
4488	..do.	Thos. Butler	..do.	33 81
4489	..do.	Karl Cagan	..do.	32 17
4490	..do.	Neal Canaday	..do.	30 60
4491	..do.	Rollo S. Carson	..do.	29 00
4492	..do.	J. Cassidy	..do.	17 60
4493	..do.	Jas. Casad	..do.	62 40
4494	..do.	John Ceduskey	..do.	42 46
4495	..do.	Bert Clark	..do.	35 33
4496	..do.	John Cheever	..do.	26 00
4497	..do.	Frank Clancey	..do.	50 88
4498	..do.	Harry Clifford	..do.	42 70
4499	..do.	A. L. Collins	..do.	32 80
4500	..do.	B. F. Crackel	..do.	28 80
4501	..do.	J. D. Craig	..do.	41 60
4502	..do.	F. Crathorne	..do.	44 85
4503	..do.	Roy Crawford	..do.	29 40
4504	..do.	F. Cunningham	..do.	58 65
4505	..do.	F. E. Crump	..do.	35 20
4506	..do.	Jos. Davis	..do.	36 96
4507	..do.	R. H. Dexter	..do.	51 11
4508	..do.	J. B. Doll	..do.	41 40
4509	..do.	C. A. Dunseth	..do.	20 80
4510	..do.	B. F. English	..do.	33 12
4511	..do.	M. Felgner	..do.	26 20
4512	..do.	Thos. J. Fay	..do.	49 60
4513	..do.	Herman Fechttruph	..do.	38 60
4514	..do.	Fred Fender	..do.	44 10
4515	..do.	Louis Fender	..do.	38 94
4516	..do.	Arthur Fieg	..do.	26 88
4517	..do.	J. J. Fiscus	..do.	30 59
4518	..do.	Felix Fox	..do.	31 20

## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
4519	Jan. 5 1915	Guy Fox.....	Wages, Dec. 16-31, 1914.	\$38.06
4520	do.	Frank Fogarty.....	do.	28.14
4521	do.	Wm. Fogarty.....	do.	28.90
4522	do.	C. Y. Freeman.....	do.	31.80
4523	do.	J. H. Frazer.....	do.	16.00
4524	do.	F. F. Franklin.....	do.	33.18
4525	do.	V. S. Glenn.....	do.	27.40
4526	do.	Wm. Graybeal.....	do.	37.80
4527	do.	A. Glawe.....	do.	41.60
4528	do.	Gas. Grindlock.....	do.	46.80
4529	do.	Sell Hamlin.....	do.	28.00
4530	do.	Sam Hanson.....	do.	38.90
4531	do.	E. J. Hargan.....	do.	34.19
4532	do.	L. T. Heitz.....	do.	32.00
4533	do.	Chas. Hill.....	do.	52.48
4534	do.	W. G. Hixon.....	do.	25.70
4535	do.	Harry Higgins.....	do.	46.00
4536	do.	F. F. Hoover.....	do.	31.49
4537	do.	Ross Hutton.....	do.	43.00
4538	do.	F. M. Irvine.....	do.	31.08
4539	do.	Jas. Irvine.....	do.	30.46
4540	do.	Guy Johnson.....	do.	22.98
4541	do.	A. J. Johnson.....	do.	27.68
4542	do.	C. C. Johnson.....	do.	32.60
4543	do.	Margaret Jones.....	do.	28.80
4544	do.	E. Johns.....	do.	150.00
4545	do.	E. W. Justis.....	do.	32.80
4546	do.	Timothy Kenney.....	do.	32.50
4547	do.	J. A. J. Klien.....	do.	34.06
4548	do.	Fred Kriegl.....	do.	37.40
4549	do.	Fred Langstaff.....	do.	37.26
4550	do.	A. Campbell.....	do.	44.85
4551	do.	P. L. Laws.....	do.	47.17
4552	do.	P. L. Livick.....	do.	37.62
4553	do.	F. C. Litton.....	do.	30.45
4554	do.	F. J. Long.....	do.	37.80
4555	do.	Thos. Long.....	do.	38.61
4556	do.	H. H. Mackey.....	do.	34.04
4557	do.	Thurman Mathews.....	do.	26.90
4558	do.	W. M. Meadows.....	do.	32.00
4559	do.	O. E. Meenach.....	do.	34.27
4560	do.	O. L. Merdethall.....	do.	25.70
4561	do.	Dan Mennely.....	do.	32.43
4562	do.	C. M. Miller.....	do.	30.03
4563	do.	J. H. Miller.....	do.	55.12
4564	do.	D. T. Moody.....	do.	29.40
4565	do.	P. O. Moore.....	do.	23.70
4566	do.	Rebecca Morgan.....	do.	22.95
4567	do.	A. U. Moran.....	do.	36.25
4568	do.	Jesse Myers.....	do.	34.04
4569	do.	A. J. McAlister.....	do.	44.88
4570	do.	Jas. McCullough.....	do.	28.88
4571	do.	Frances McHughen.....	do.	23.80
4572	do.	B. F. McDaniel.....	do.	33.40
4573	do.	W. J. McFarland.....	do.	24.00
4574	do.	Wm. McFarland.....	do.	24.90
4575	do.	C. E. McCown.....	do.	26.21
4576	do.	Carl Neblcock.....	do.	40.80
4577	do.	J. B. Newton.....	do.	39.60
4578	do.	C. M. Ollis.....	do.	32.00
4579	do.	B. A. Patterson.....	do.	25.80
4580	do.	O. J. Patterson.....	do.	26.32
4581	do.	Nick Peterson.....	do.	27.40
4582	do.	S. A. Porter.....	do.	41.60
4583	do.	E. W. Presson.....	do.	28.00
4584	do.	W. C. Prevett.....	do.	27.80
4585	do.	J. F. Purkins.....	do.	30.25
4586	do.	Wm. Quinn.....	do.	31.92
4587	do.	Ben L. Reed.....	do.	25.70
4588	do.	Gilbert Robbins.....	do.	30.00
4589	do.	Ed Richards.....	do.	57.12
4590	do.	G. Rittenhouse.....	do.	25.42
4591	do.	Mary Ryan.....	do.	16.15
4592	do.	S. Randolph.....	do.	38.40
4593	do.	Merlin Sandwell.....	do.	38.40
4594	do.	A. Servis.....	do.	33.12
4595	do.	W. J. Smith.....	do.	66.42
4596	do.	Lloyd H. Snook.....	do.	32.00

## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1915			
4597	Jan. 5	J. C. Snider.....	Wages, Dec. 16-31, 1914.....	\$ 29 09
4598	..do..	A. C. Speedie.....	..do..	41 60
4599	..do..	L. M. Sterans.....	..do..	27 72
4600	..do..	Frank Stateier.....	..do..	38 50
4601	..do..	Elmer Stratton.....	..do..	38 82
4602	..do..	Otto Swearingen.....	..do..	34 20
4603	..do..	Roy Tatlock.....	..do..	26 40
4604	..do..	Wm. Templin.....	..do..	46 50
4605	..do..	H. L. Thompson.....	..do..	26 60
4606	..do..	I. F. Tillotson.....	..do..	39 01
4607	..do..	Geo. Toy.....	..do..	30 36
4608	..do..	Geo. Truner.....	..do..	33 35
4609	..do..	O. J. Utterback.....	..do..	28 40
4610	..do..	J. H. Vandiventer.....	..do..	38 40
4611	..do..	A. Warmbier.....	..do..	47 70
4612	..do..	Edwin Wells.....	..do..	32 80
4613	..do..	C. J. Welch.....	..do..	72 80
4614	..do..	Ed Wharmby.....	..do..	37 03
4615	..do..	Wesley Wilson.....	..do..	41 60
4616	..do..	Frank Wiltz.....	..do..	42 50
4617	..do..	Amos Wright.....	..do..	44 80
4618	..do..	Wm. Wilde.....	..do..	49 60
4619	..do..	Walter Wingler.....	..do..	32 00
4620	..do..	L. C. Bernard.....	..do..	39 20
4621	..do..	W. H. Boyer.....	..do..	47 80
4622	..do..	C. L. Leshner.....	..do..	47 48
4623	..do..	C. L. Gustafson.....	..do..	65 00
4624	..do..	A. Bevis.....	..do..	77 00
4625	..do..	Cevilla Crothers.....	..do..	28 00
4626	..do..	F. M. Perry.....	..do..	34 04
4627	..do..	T. O. Henderson.....	..do..	59 66
4628	..do..	Ruthe Murphey.....	..do..	31 78
4629	..do..	E. R. Math.....	..do..	133 33
4630	..do..	R. L. Kelley.....	..do..	125 00
4631	..do..	Jas J. Herbert.....	..do..	54 00
4632	..do..	Mollie B. Frazier.....	..do..	50 00
4633	..do..	Maude Campbell.....	..do..	49 00
4634	..do..	Leigh Hunt.....	..do..	43 00
4635	..do..	Ida Luther.....	..do..	47 00
4636	..do..	Ora B. Castle.....	..do..	50 00
4637	..do..	Hazel L. Rock.....	..do..	50 00
4638	..do..	A. L. Shriver.....	..do..	51 48
4639	..do..	E. S. Axline.....	..do..	8 10
4640	..do..	P. D. Jenks.....	..do..	29 00
4641	..do..	R. A. Nelson.....	..do..	20 13
4642	..do..	A. Semple.....	..do..	23 63
4643	..do..	H. A. Shonle.....	..do..	25 00
4644	..do..	J. L. Simonich.....	..do..	6 60
4645	..do..	M. E. Slater.....	..do..	45 00
4646	..do..	E. C. Johnson.....	..do..	35 95
4647	..do..	Raymond Reese.....	..do..	30 40
4648	..do..	J. E. Durst.....	..do..	10 50
4649	..do..	Twentieth Century Press Clipping Bureau.....	Clippings, October to December, 1914.....	7 50
4650	..do..	John McCullough.....	Dairy office.....	1 05
4651	..do..	Robt. Graham.....	..do..	12 51
4652	..do..	Geo. Taylor.....	..do..	2 17
4653	..do..	E. J. Percival.....	..do..	16 23
4654	..do..	E. F. Lyons.....	..do..	6 19
4655	..do..	G. W. Van Meter, Savoy.....	Creamery.....	10 74
4656	..do..	S. Lee Cox, Oakwood.....	..do..	8 02
4657	..do..	Wm. Loeffler, Homer.....	..do..	2 99
4658	..do..	T. M. Ghare, Homer.....	..do..	4 96
4659	..do..	C. E. Smoot, Fithian.....	..do..	4 66
4660	..do..	J. F. Frances, Fithian.....	..do..	5 58
4661	..do..	H. J. Moorehouse, Mahomet.....	..do..	3 94
4662	..do..	W. H. Stevens, Urbana.....	..do..	5 58
4663	..do..	Fred Rein, Urbana.....	..do..	6 54
4664	..do..	Joseph Mounts, Rantoul, R. F. D. No. 22.....	..do..	5 84
4665	..do..	E. A. Smith, Urbana, R. F. D.....	..do..	3 60
4666	..do..	S. Atchison, Urbana, R. F. D.....	..do..	3 33
4667	..do..	T. N. Burwash, Champaign.....	..do..	2 72
4668	..do..	J. W. Willsey, Urbana, R. F. D. No. 10.....	..do..	12 04
4669	Jan. 6	M. W. Busey.....	Clerk hire and office expenses, Oct. 1, 1914, to Jan. 1, 1915.....	150 00
4670	..do..	Allen F. Moore.....	Traveling expenses.....	18 48
4671	..do..	R. R. Donnelley & Sons Co.....	Zinc etchings.....	9 47

## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
4672	1915 Jan. 6	C. L. Alsberg, Secretary-Treasurer Association Official Agricultural Chemists.....	Annual dues of Illinois Agricultural Experiment Station.....	\$ 2 00
4673	..do...	Ernst Hertzberg & Sons.....	Books.....	2 24
4674	..do...	Illinois Central R. R. Co.....	Freight.....	23 62
4675	..do...	The Wabash R. R.....	..do.....	126 06
4676	..do...	C. C. C. & St. L. Ry. Co.....	..do.....	181 54
4677	..do...	Illinois Traction System.....	..do.....	873 41
4678	..do...	Herman Dale.....	Wages, December, 1914.....	26 00
4679	..do...	Fred Dale.....	..do.....	8 80
4680	..do...	R. L. Jordan.....	..do.....	3 50
4681	..do...	Fred L. Leggitt.....	..do.....	10 00
4682	..do...	A. P. Holt.....	..do.....	30 00
4683	..do...	J. H. Euston.....	..do.....	5 80
4684	..do...	L. H. Hutchinson.....	..do.....	2 40
4685	..do...	G. J. Kloppenberg.....	..do.....	2 80
4686	..do...	A. H. Lenz.....	..do.....	6 50
4687	..do...	L. McAfee.....	..do.....	1 70
4688	..do...	C. C. Maher.....	..do.....	1 70
4689	..do...	F. L. Mills.....	..do.....	1 20
4690	..do...	L. C. Baines.....	..do.....	4 50
4691	..do...	R. Ritchey.....	..do.....	9 00
4692	..do...	Paul Rogers.....	..do.....	8 20
4693	..do...	J. F. Smith.....	..do.....	4 60
4694	..do...	T. C. Taylor.....	..do.....	11 00
4695	..do...	Ella Tillotson.....	..do.....	1 60
4696	..do...	N. M. Utley.....	..do.....	2 75
4697	..do...	Gladys Leonard.....	..do.....	7 60
4698	..do...	A. Bagusin.....	..do.....	33 75
4699	..do...	A. P. Brown.....	..do.....	16 50
4700	..do...	Newman Romero.....	..do.....	16 60
4701	..do...	F. B. Cavette.....	..do.....	40 00
4702	..do...	S. D. Harwood.....	..do.....	27 75
4703	..do...	E. F. Murphy.....	..do.....	23 70
4704	..do...	O. M. McChesee.....	..do.....	21 00
4705	..do...	Edward Brown.....	..do.....	54 00
4706	..do...	C. E. Mattoon.....	..do.....	54 00
4707	..do...	Geo. F. Smalley.....	..do.....	28 00
4708	..do...	Douglas Wright, Jr.....	..do.....	24 25
4709	..do...	E. Grove.....	Dairy office.....	5 64
4710	..do...	Ralph Smith.....	..do.....	8 64
4711	..do...	R. S. McInnes.....	..do.....	3 47
4712	..do...	C. C. Gordon.....	..do.....	6 56
4713	..do...	David Wilkins.....	..do.....	6 09
4714	..do...	R. A. Lumsden.....	..do.....	3 88
4715	..do...	W. J. Kelly, Loda.....	Creamery.....	4 05
4716	..do...	Geo. Schiff, Homer.....	..do.....	4 56
4717	..do...	M. B. Allen, Homer.....	..do.....	3 91
4718	..do...	C. B. Giddings, Homer.....	..do.....	7 38
4719	..do...	W. E. Yount, Homer.....	..do.....	4 62
4720	..do...	J. W. Hillard, Homer.....	..do.....	6 46
4721	..do...	E. M. Snyder, Homer.....	..do.....	4 28
4722	..do...	James Fischer, Ogden.....	..do.....	4 39
4723	..do...	P. J. Wagner, Ogden.....	..do.....	10 13
4724	..do...	W. J. Wilson, Ogden.....	..do.....	1 46
4725	..do...	J. B. Marsh, Ogden.....	..do.....	7 51
4726	..do...	Wm. Case, Ogden.....	..do.....	5 51
4727	..do...	H. Cherry, Ogden.....	..do.....	5 51
4728	..do...	Nicholas Hahn, Ogden.....	..do.....	7 04
4729	..do...	Coon Bros., Rantoul.....	..do.....	4 15
4730	..do...	Henry Gorman, Fithian.....	..do.....	5 98
4731	..do...	James Freeman, Fithian.....	..do.....	7 92
4732	..do...	Ralph Ridgeley, Seymour.....	..do.....	5 10
4733	..do...	D. S. Herriott, Mahomet.....	..do.....	5 50
4734	..do...	Pearl Hazen, Mahomet.....	..do.....	4 52
4735	..do...	R. L. Meyers, Mahomet.....	..do.....	5 71
4736	..do...	J. W. Rayburn, Bondville.....	..do.....	7 55
4737	Jan. 7	L. E. Korr, Assistant Comptroller.....	Express bills.....	87 79
4738	..do...	L. E. Korr, Assistant Comptroller.....	Sundry bills.....	54 31
4739	Jan. 8	Fred Thompson.....	Dairy office.....	4 90
4740	..do...	J. E. Henderson.....	..do.....	4 56
4741	..do...	W. L. Davis, Fisher.....	Creamery.....	5 64
4742	..do...	C. E. Ross, Savoy.....	..do.....	7 28
4743	..do...	T. F. Jordan, Savoy.....	..do.....	12 72
4744	..do...	B. Jordan, Savoy.....	..do.....	5 07
4745	..do...	E. L. Martin, Homer.....	..do.....	4 52
4746	..do...	H. Allison, Homer.....	..do.....	7 99
4747	..do...	W. D. Rohl, Homer.....	..do.....	6 36

## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
1915				
4748	Jan. 8	G. C. Cochran, Dewey	Creamery	\$ 4 52
4749	do.	J. H. Evans, Dewey	do	5 10
4750	do.	Frank Knox, Mahomet	do	6 59
4751	do.	Mary Warner, Mahomet	do	5 30
4752	do.	S. T. Carter, Mahomet	do	4 25
4753	do.	E. G. Plotner, Fithian	do	4 56
4754	do.	Guy Hobick, Fithian	do	5 03
4755	do.	Wm. Leischner, Milmine	do	6 19
4756	do.	A. J. Spohn, Morrison	do	10 56
4757	do.	M. E. Simonson, Astoria	do	10 14
4758	do.	Richmond Bros., Waterman	do	3 30
4759	Jan. 9	W. F. Campbell	Wages, December, 1914	27 90
4760	do.	Ethel Kratz	do	17 00
4761	do.	W. E. Cummins	do	13 30
4762	do.	Elliott Billman	do	10 60
4763	do.	J. H. Hinshaw	do	17 00
4764	do.	J. L. Hanmore	do	11 60
4765	do.	M. G. Silver	do	3 50
4766	do.	Leo F. Stock	do	4 50
4767	do.	Louise F. Pierce	do	2 40
4768	do.	Newton D. Mereness	do	20 13
4769	do.	C. P. Datz	Services as student assistant first half of year 1914-15	37 50
4770	do.	H. M. Maick	do	37 50
4771	do.	S. B. Trippett	do	37 50
4772	do.	A. Ton	do	37 50
4773	do.	Mark Small	Wages, December, 1914	60 00
4774	do.	J. W. Rhinesmith	do	45 83
4775	do.	Fred Wilde	do	26 57
4776	do.	Bernard Harrington	do	60 00
4777	do.	S. R. Farah	do	13 30
4778	do.	J. S. Green	do	3 40
4779	do.	C. G. Hadden	do	2 40
4780	do.	W. H. Kasten	do	1 80
4781	do.	R. E. McDowell	do	15 80
4782	do.	B. O. Mills	do	2 80
4783	do.	H. B. Rosenberg	do	3 00
4784	do.	The University Club of Urbana and Campaign	Entertainment of W. M. McChesney	3 35
4785	do.	Bancroft-Whitney Co.	Books	2 50
4786	do.	The Lawyers Co-Operative Publishing Co.	do	6 50
4787	do.	The Frank Shepard Co.	Subscription	5 00
4788	do.	Robert Rutler & Son	Books	2 40
4789	do.	L. E. Knorr, Assistant Comptroller	Rebates to students	85 50
4790	do.	F. C. Slater	Traveling expenses	26 44
4791	do.	Associated Advertising Club of the World	Slides	120 00
4792	do.	W. L. Abbott	Traveling expenses	19 34
4793	do.	G. E. Stechert & Co.	Books	3 00
4794	do.	Ernst Hertzberg & Sons	do	25 44
4795	do.	J. W. Butler Paper Co.	Office supplies	22 34
4796	Jan. 11	H. I. Nelson	Dairy office	3 88
4797	do.	A. R. Grindley	do	5 71
4798	do.	E. J. Percival	do	5 75
4799	do.	R. H. Brewer, Ogden	Creamery	4 05
4800	do.	Robert Childers, Ogden	do	3 26
4801	do.	Lon Libka, Homer	do	5 37
4802	do.	J. H. Umbanhowar, Homer	do	5 64
4803	do.	Fritz Schweineke, Homer	do	5 61
4804	do.	S. Lee Cox, Oakwood	do	7 89
4805	do.	T. P. Lyons	Dairy office	3 77
4806	do.	T. H. Palmer, Fithian	Creamery	5 51
4807	do.	John Rueb, Fithian	do	4 11
4808	do.	S. V. Mayhew, Fithian	do	5 44
4809	do.	J. A. R. Koch, Mayview	do	5 98
4810	do.	R. H. McAlister, Muncie	do	5 24
4811	do.	J. Jarrett, Urbana, R. F. D.	do	6 02
4812	Jan. 12	E. H. Sperry	Premium on insurance policy No. 3809	32 89
4813	do.	F. G. Blair	Traveling expenses	16 80
4814	do.	J. W. Butler Paper Co.	Paper	10 18
4815	do.	Illinois State Reformatory	Printing	10 50
4816	do.	Ivan J. Underwood	Rebate of tuition	35 00
4817	do.	The Chester Transfer Co.	Livery hire	4 50
4818	do.	City of Chicago, Elevator Inspection Department	Elevator inspection	2 00
4819	do.	L. E. Knorr, Assistant Comptroller	Recording deeds and traveling expense	10 99



## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
1915				
4820	Jan. 12	Ernst Hertzberg & Sons.	Books	\$ 1 47
4821	do.	L. E. Knorr, Assistant Comptroller.	Student labor	15 10
4822	do.	L. E. Knorr, Assistant Comptroller.	General labor	4 50
4823	do.	L. E. Knorr, Assistant Comptroller.	Rebates to students	43 50
4824	do.	L. E. Knorr, Assistant Comptroller.	Express	40 65
4825	do.	Max Niemeyer	Books	3 46
4826	do.	Dulau & Co., Ltd.	do.	5 50
4827	do.	Bernh. Liebisch	do.	14 74
4828	do.	Giacomo Brogi	do.	30 29
4829	do.	P. Wytzman	do.	46 70
4830	do.	Gibson & Son.	do.	1 00
4831	do.	Geo. Harding	do.	2 72
4832	do.	Edw. Baker	do.	3 28
4833	do.	Maggs Bros.	do.	23 82
4834	do.	B. H. Blackwell	do.	12 12
4835	do.	Lloyds Bank, Ltd.	do.	10 40
4836	do.	W. Funk	do.	138 60
4837	do.	Jacques Lechevalier	do.	4 02
4838	do.	Karl W. Hiersemann	do.	68 50
4839	do.	Otto Harrassowitz	do.	30 92
4840	do.	Henry Sotheran & Co.	do.	23 08
4841	do.	Jos. Baer & Co.	do.	13 76
4842	do.	Martinus Nijhoff	do.	60 29
4843	do.	J. Terquem	do.	16 95
4844	do.	The Wabash R. R.	Freight	598 96
4845	do.	C. C., C. & St. L. Ry. Co.	do.	13 46
4846	do.	C. L. Trowbridge	Wages, December, 1914	60
4847	do.	R. F. Harvey	do.	18 80
4848	do.	D. J. Campbell	do.	3 60
4849	do.	L. S. Burwash	do.	11 90
4850	do.	J. L. Munson	do.	3 85
4851	do.	W. R. Jones	do.	7 56
4852	do.	E. V. Percival	Dairy office	5 86
4853	do.	John Englehardt	do.	15 15
4854	do.	M. B. Allen, Homer	Creamery	3 89
4855	do.	H. Allison, Homer	do.	5 68
4856	do.	F. Sanks, Homer	do.	5 41
4857	do.	J. W. Hillard, Homer	do.	6 47
4858	do.	T. M. Ghere, Homer	do.	4 88
4859	do.	E. L. Martin, Homer	do.	7 43
4860	do.	Hungerford Bros., Loda	do.	5 00
4861	do.	Joseph Evans, Dewey	do.	4 88
4862	do.	Henry Reinhart, Dewey	do.	5 74
4863	do.	Andrew Shields, Dewey	do.	5 04
4864	do.	G. W. Van Meter, Savoy	do.	6 07
4865	do.	Mrs. S. Herriott, Seymour	do.	4 88
4866	do.	Macy Bros., Fithian	do.	9 37
4867	do.	Earl Dickson, Fithian	do.	3 70
4868	do.	J. F. Frances, Fithian	do.	4 82
4869	do.	James Freeman, Fithian	do.	7 82
4870	do.	T. N. Barker, Bondville	do.	4 29
4871	Jan. 13	Cora Stackel	Dairy office	5 54
4872	do.	R. A. Lumsden	do.	2 51
4873	do.	David Wilkins	do.	6 53
4874	do.	R. S. McInnes	do.	2 38
4875	do.	C. C. Gordon	do.	6 42
4876	do.	O. A. McInnes	do.	6 41
4877	do.	W. D. Rohl, Homer	Creamery	6 47
4878	do.	L. W. Krukewitt, Homer	do.	3 56
4879	do.	E. F. Lyons, Homer	do.	3 22
4880	do.	W. E. Yount, Homer	do.	6 73
4881	do.	Ed. Smith, Homer	do.	5 15
4882	do.	H. I. Nelson	Dairy office	2 44
4883	do.	Z. Alsip, Ogden	Creamery	4 49
4884	do.	Robert Childers, Ogden	do.	2 84
4885	do.	Nicholas Hahn, Ogden	do.	6 60
4886	do.	Wm. Case, Ogden	do.	5 45
4887	do.	D. S. Herriott, Mahomet	do.	8 40
4888	do.	W. J. Wilson, Mahomet	do.	1 95
4889	do.	James Richard, Fithian	do.	5 91
4890	do.	C. C. Rayburn, Bondville	do.	6 96
4891	do.	J. W. Rayburn, Bondville	do.	7 06
4892	do.	W. H. Stevens, Urbana	do.	5 70
4893	do.	E. A. Smith, Urbana, R. F. D.	do.	4 13
4894	do.	John Willsey, Urbana, R. F. D.	do.	12 11
4895	do.	D. Miner, Champaign, R. F. D. No. 3	do.	5 64
4896	Jan. 14	C. R. Beavers, Homer	do.	4 98
4897	do.	Geo. Schiff, Homer	do.	4 36

## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1915			
4898	Jan. 14	Fritz Schweineke, Homer	Creamery	\$ 5 18
4899	do.	E. M. Snyder, Homer	do	3 39
4900	do.	J. Willits, Homer	do	5 12
4901	do.	J. A. Morgan, Homer	do	4 52
4902	do.	H. Cherry, Ogden	do	5 41
4903	do.	G. C. Cochran, Dewey	do	3 82
4904	do.	R. H. McAlister, Muncie	do	5 38
4905	do.	Wm. Van Buskirk, Fithian	do	5 41
4906	do.	J. B. Skinner, Rumpier	do	3 47
4907	do.	Pearl Hazen, Mahomet	do	4 22
4908	do.	J. M. Herriott, Mahomet	do	3 26
4909	do.	Mary Warner, Mahomet	do	5 27
4910	do.	C. A. Vogel, Mahomet	do	3 49
4911	do.	John Cornett, St. Joseph	do	3 33
4912	do.	M. Cherry, St. Joseph	do	3 96
4913	Jan. 15	O. A. McInnes	Dairy office	4 22
4914	do.	Geo. Taylor	do	2 37
4915	do.	Ralph Smith	do	11 95
4916	do.	E. Grove	do	8 91
4917	do.	E. L. Martin, Homer	Creamery	4 42
4918	do.	H. Allison, Homer	do	5 35
4919	do.	Wm. Loeffler, Homer	do	4 16
4920	do.	T. F. Jordan, Savoy	do	11 22
4921	do.	B. Jordan, Savoy	do	4 75
4922	do.	C. E. Ross, Savoy	do	8 61
4923	do.	C. E. Hopkins, Pontic	do	6 35
4924	do.	J. H. Evans, Dewey	do	5 01
4925	do.	R. L. Meyers, Mahomet	do	5 07
4926	do.	Frank Knox, Mahomet	do	5 60
4927	do.	Joseph Mounts, Rantoul	do	6 00
4928	Jan. 18	Fred Rein	Dairy office	8 00
4929	do.	Robt. Graham	do	8 43
4930	do.	John McCullough	do	9 18
4931	do.	Fred Thompson	do	3 96
4932	do.	J. E. Henderson	do	4 46
4933	do.	Lon Libka, Homer	Creamery	3 93
4934	do.	John Giddings, Homer	do	6 86
4935	do.	Louie Wienke, Homer	do	6 34
4936	do.	J. W. Hillard, Homer	do	5 71
4937	do.	W. E. Yount, Homer	do	4 46
4938	do.	M. B. Allen, Homer	do	3 50
4939	do.	F. W. Howell, Homer	do	4 05
4940	do.	E. M. Snyder, Homer	do	6 20
4941	do.	G. B. Giddings, Ogden	do	2 81
4942	do.	E. H. Brewer, Ogden	do	9 50
4943	do.	P. J. Wagner, Homer	do	4 55
4944	do.	James Fisher, Ogden	do	5 25
4945	do.	Wm. Case, Ogden	do	6 96
4946	do.	J. B. Marsh, Ogden	do	3 94
4947	do.	Hungerford Bros., Loda	do	9 01
4948	do.	G. W. Van Meter, Savoy	do	3 66
4949	do.	J. H. Rutan, Fithian	do	3 86
4950	do.	John Rueb, Fithian	do	6 30
4951	do.	S. V. Mayhen, Fithian	do	6 20
4952	do.	T. H. Palmer, Fithian	do	4 81
4953	do.	D. S. Herriott, Mahomet	do	5 54
4954	do.	W. L. Davis, Mahomet	do	7 59
4955	do.	S. Lee Cox, Oakwood	do	4 85
4956	do.	W. W. Meyer, Urbana, R. F. D.	do	2 30
4957	do.	T. N. Burwash, Champaign	do	35 85
4958	do.	L. E. Knorr, Assistant Comptroller	Student labor	39 26
4959	do.	L. E. Knorr, Assistant Comptroller	Sundry bills	70 75
4960	do.	L. E. Knorr, Assistant Comptroller	Rebates	140 47
4961	do.	J. W. Butler Paper Co.	Laboratory supplies	26 00
4962	do.	Illinois Motor Car Sales Co.	Livery hire	18 00
4963	do.	Alma Gingrich	Wages, January, 1915	64 50
4964	do.	William Hix	Hauling	25 00
4965	do.	Dr. Ozora S. Davis	Lecture	4 90
4966	do.	Wm. Trelease	Laboratory supplies	1 72
4967	do.	Chas. Zeleny	Traveling expenses	17 38
4968	do.	C. M. McConn	do	21 64
4969	do.	Geo. E. Frazer	do	296 45
4970	do.	Ernst Herzberg & Sons	Books	
4971	do.	E. H. Sperry	Premium on insurance policy 101621	26 05
4972	Jan. 20	Geo. Douglas	Settlement of claim	200 00
4973	do.	The Fourth Estate	Subscription	2 00
4974	do.	The Illinois Central R. R. Co.	Freight	19 89

## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1915			
4975	Jan. 20	C. C. C. & St. L. Ry. Co.	Freight.	\$ 12 62
4976	do.	Illinois Traction System	do.	1,240 63
4977	do.	William Hix	Labor.	55 00
4978	do.	T. P. Lyons	Dairy office.	2 38
4979	do.	E. J. Percival	do.	8 55
4980	do.	M. B. Allen, Homer	Creamery.	4 09
4981	do.	Henry Reinhart, Dewey	do.	5 21
4982	do.	E. F. Ott, Ogden	do.	3 89
4983	do.	E. F. Lyons, Ogden	do.	5 61
4984	do.	Henry Gorman, Fithian	do.	5 84
4985	do.	Earl Dickson, Fithian	do.	3 76
4986	do.	Mr. James Freeman, Fithian	do.	6 86
4987	do.	Macy Bros., Fithian	do.	9 90
4988	do.	J. F. Frances, Fithian	do.	5 15
4989	do.	Pearl Hazen, Mahomet	do.	4 05
4990	do.	Wm. Leischner, Milmine	do.	5 94
4991	do.	Chas. Eichorst, Pesotum	do.	5 04
4992	Jan. 21	W. D. Rohl, Homer	do.	6 18
4993	do.	F. Stadden, Homer	do.	2 70
4994	do.	Robert Childers, Ogden	do.	2 24
4995	do.	Joseph Evans, Dewey	do.	4 98
4996	do.	C. A. Fogel, Mahomet	do.	3 17
4997	do.	J. M. Herriott, Mahomet	do.	3 28
4998	do.	D. S. Herriott, Mahomet	do.	7 44
4999	do.	W. L. Davis, Mahomet	do.	5 01
5000	do.	C. G. Plottner, Fithian	do.	3 84
5001	do.	R. H. McAlister, Muncie	do.	5 60
5002	do.	R. S. McInnes	Dairy office.	3 19
5003	do.	C. C. Gordon	do.	7 31
5004	do.	R. A. McInnes	do.	7 55
5005	do.	B. A. Lumsden	do.	3 27
5006	do.	D. Wilkins	do.	5 57
5007	do.	T. M. Ghare, Homer	Creamery.	5 74
5008	do.	H. Allison, Homer	do.	5 54
5009	do.	J. P. Yeazel, Homer	do.	4 22
5010	do.	J. H. Umbanhowar, Homer	do.	5 54
5011	do.	W. I. Krukewitt, Homer	do.	3 39
5012	do.	F. Sanks, Homer	do.	5 95
5013	do.	Daniel Hahn, Ogden	do.	5 63
5014	do.	Wm. Case, Ogden	do.	5 38
5015	do.	Nicholas Hahn, Ogden	do.	7 58
5016	do.	J. A. R. Koch, Mayview	do.	5 21
5017	do.	R. J. Craig, Fairmount	do.	4 00
5018	do.	M. Cherry, St. Joseph	do.	5 54
5019	do.	J. W. Rayburn, Bondville	do.	6 85
5020	do.	J. W. Wilsey, Urbana, R. F. D. No. 10	do.	9 34
5021	do.	John Jarrett, Urbana, R. F. D.	do.	6 14
5022	do.	E. A. Smith, Urbana, R. F. D.	do.	3 58
5023	Jan. 22	J. Fischer & Bro.	Music.	5 90
5024	do.	The Psychological Review Co.	Psychological Monogs.	4 00
5025	do.	A. C. McClurg & Co.	Office supplies	17 51
5026	do.	J. C. Thorpe	Assisting in short course, January,	
			1915.	125 00
5027	do.	Ernst Hertzberg & Sons	Books.	160 32
5028	do.	Crowley the Magazine Man, Inc.	Refund.	2 70
5029	do.	T. H. Flood & Co.	Books.	12 00
5030	do.	A. C. McClurg & Co.	do.	2 52
5031	do.	The John Clark Co.	do.	5 80
5032	do.	Ernst Hertzberg & Sons	do.	33 38
5033	do.	P. S. Florea, Secretary, Associated Advertising Clubs of the World.	Subscription copy	5 00
5034	do.	Estate of Peter White	Services as member of board of examiners.	200 00
5035	do.	J. E. Henderson	Dairy office.	3 90
5036	do.	E. Grove	do.	4 26
5037	do.	Fritz Schweineke, Homer	Creamery.	5 60
5038	do.	J. W. Hillard, Homer	do.	6 34
5039	do.	E. L. Martin, Homer	do.	7 78
5040	do.	J. Willits, Homer	do.	5 09
5041	do.	C. E. Ross, Savoy	do.	6 02
5042	do.	B. Jordan, Savoy	do.	4 96
5043	do.	T. F. Jordan, Savoy	do.	11 68
5044	do.	Andrew Shields, Dewey	do.	4 47
5045	do.	G. C. Cochran, Dewey	do.	5 10
5046	do.	W. J. Kelly, Loda	do.	4 01
5047	do.	R. L. Meyers, Mahomet	do.	4 08
5048	do.	Frank Knox, Mahomet	do.	5 62
5049	do.	Mary Warner, Mahomet	do.	5 04

## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1915			
5050	Jan. 22	John Rueb, Fithian.	Creamery.	\$ 5 02
5051	do.	Guy Hobick, Fithian.	do.	4 26
5052	do.	Otto G. Parker, Rantoul, R. F. D. No. 23.	do.	5 04
5053	do.	I. C. Wible, Ogden, R. F. D. No. 17.	do.	2 53
5054	Jan. 25	Geo. Schiff.	Dairy office.	4 10
5055	do.	A. R. Grindley.	do.	6 62
5056	do.	H. I. Nelson.	do.	5 09
5057	do.	Ralph Smith.	do.	9 41
5058	do.	E. J. Percival.	do.	5 89
5059	do.	O. A. McInnes.	do.	4 99
5060	do.	H. H. Krukewitt, Homer.	Creamery.	6 56
5061	do.	W. J. Wilson, Ogden.	do.	1 89
5062	do.	J. B. Marsh, Ogden.	do.	6 72
5063	do.	Henry Reinhart, Dewey.	do.	4 72
5064	do.	C. E. Hopkins, Tonti.	do.	4 97
5065	do.	Joseph Mounts, Rantoul.	do.	6 14
5066	do.	Ralph Ridgeley, Seymour.	do.	4 74
5067	do.	J. B. Skinner, Fithian.	do.	4 00
5068	do.	Earl Dickson, Fithian.	do.	5 06
5069	do.	S. V. Mayhen, Fithian.	do.	4 03
5070	do.	The Association of American Universities.	Annual dues for the year 1914-1915	40 00
5071	do.	Ernst Hertzberg & Sons.	Books.	40 40
5072	do.	A. C. McClurg & Co.	Office supplies.	5 00
5073	do.	Gertrude E. Moulton.	Traveling expenses.	25 10
5074	do.	L. E. Knorr, Assistant Comptroller.	Sundry bills.	10 89
5075	do.	L. E. Knorr, Assistant Comptroller.	Rebates to students.	44 50
5076	do.	Ralph M. Netz.	Wages, January, 1915.	18 25
5077	do.	L. E. Knorr, Assistant Comptroller.	Express.	74 49
5078	Jan. 26	E. F. Lyons.	Dairy office.	2 94
5079	do.	Fred Thompson.	do.	3 78
5080	do.	M. B. Allen, Homer.	Creamery.	4 70
5081	do.	H. Allison, Homer.	do.	5 34
5082	do.	Ed. Smith, Homer.	do.	4 74
5083	do.	C. R. Beavers, Homer.	do.	5 02
5084	do.	Hungerford Bros., Loda.	do.	4 07
5085	do.	R. H. McAlister, Muncie.	do.	4 90
5086	do.	S. Lee Cox, Oakwood.	do.	6 98
5087	do.	D. S. Herriott, Mahomet.	do.	4 21
5088	do.	W. H. Stevens, Urbana.	do.	2 88
5089	do.	T. H. Palmer, Fithian.	do.	6 21
5090	do.	J. F. Frances, Fithian.	do.	4 93
5091	do.	James Freeman, Fithian.	do.	7 58
5092	do.	G. O. McMorris, Fithian.	do.	4 61
5093	do.	E. A. Smith, Urbana, R. F. D.	do.	2 82
5094	do.	Florence E. Watson.	Traveling expenses.	14 61
5095	do.	National X Ray Reflector Co.	Laboratory supplies.	1 81
5096	do.	C. C., C. & St. L. Ry. Co.	Freight.	71 20
5097	do.	The Wabash R. R.	do.	49 88
5098	do.	Illinois Central R. R. Co.	do.	7 92
5099	do.	C. C., C. & St. L. Ry. Co.	do.	1 15
5100	do.	Receivers, Central Union Telephone Co.	Telephone and telegraph.	35 90
5101	do.	Western Union Telegraph Co.	do.	43 99
5102	do.	Western Union Telegraph Co.	do.	8 97
5103	do.	Postal Telegraph & Cable Co.	do.	6 25
5104	do.	Meeker-Magner Co.	Insurance premium.	125 00
5105	do.	O. A. Harker.	Traveling expenses.	24 88
5106	Jan. 27	E. J. Percival.	Dairy office.	4 42
5107	do.	R. A. Lumsden.	do.	3 65
5108	do.	O. A. McInnes.	do.	5 41
5109	do.	R. S. McInnes.	do.	2 50
5110	do.	C. C. Gordon.	do.	7 68
5111	do.	Cora Stacker.	do.	5 60
5112	do.	D. Wilkins.	do.	5 63
5113	do.	James Hammack.	do.	1 74
5114	do.	Lon Libka, Homer.	Creamery.	4 22
5115	do.	W. D. Rohl, Homer.	do.	5 02
5116	do.	T. M. Ghare, Homer.	do.	4 99
5117	do.	W. E. Yount, Homer.	do.	4 61
5118	do.	A. G. Krukewitt, Homer.	do.	6 68
5119	do.	Fred Elliott, Ogden.	do.	3 71
5120	do.	R. H. Brewer, Ogden.	do.	4 58
5121	do.	Robt. Childers, Ogden.	do.	2 88
5122	do.	G. B. Giddings, Ogden.	do.	6 27
5123	do.	Wm. Case, Ogden.	do.	5 63
5124	do.	James Fisher, Ogden.	do.	5 25
5125	do.	G. W. Van Meter, Savoy.	do.	10 88
5126	do.	C. C. Rayburn, Bondville.	do.	6 85
5127	do.	J. W. Rayburn, Bondville.	do.	6 43

## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1915			
5128	Jan. 27	T. H. Barker, Bondville	Creamery	\$ 3 94
5129	..do..	Pearl Hazen, Mahomet	..do..	4 15
5130	..do..	C. A. Fogel, Mahomet	..do..	3 06
5131	..do..	Chas. Wagner, St. Joseph	..do..	4 42
5132	..do..	Herman Denhart, St. Joseph	..do..	3 23
5133	..do..	Guy Hobick, Fithian	..do..	5 12
5134	..do..	J. W. Willsey, Urbana, R. F. D.	..do..	5 18
5135	Jan. 29	E. Grove	Dairy office	3 10
5136	..do..	J. A. Morgan, Homer	Creamery	9 24
5137	..do..	F. W. Howell, Homer	..do..	3 63
5138	..do..	J. W. Hillard, Homer	..do..	5 98
5139	..do..	E. L. Martin, Homer	..do..	4 71
5140	..do..	F. Sanks, Homer	..do..	5 02
5141	..do..	M. B. Allen, Homer	..do..	4 12
5142	..do..	Daniel Hahn, Ogden	..do..	5 92
5143	..do..	Nicholas Hahn, Ogden	..do..	7 16
5144	..do..	Z. Alsip, Ogden	..do..	4 65
5145	..do..	P. J. Wagner, Ogden	..do..	9 27
5146	..do..	T. F. Jordan, Savoy	..do..	10 01
5147	..do..	C. Ross, Savoy	..do..	10 07
5148	..do..	B. Jordan, Savoy	..do..	7 25
5149	..do..	G. G. Cochran, Dewey	..do..	3 52
5150	..do..	J. M. Herriott, Mahomet	..do..	3 13
5151	..do..	J. B. Fulliam, Fithian	..do..	2 36
5152	..do..	Macy Bros., Fithian	..do..	9 98
5153	..do..	J. H. Rutan, Fithian	..do..	4 06
5154	..do..	Earl Dickson, Fithian	..do..	3 84
5155	..do..	Earl Plotner, Fithian	..do..	4 34
5156	..do..	John Jarrett, Urbana, R. F. D.	..do..	5 02
5157	..do..	Geo. Davis, Muncie, R. F. D. No. 1	..do..	3 81
5158	..do..	Ernst Hertzberg & Sons	Books	39 38
5159	..do..	Mrs. F. E. McClughen	Laundry	12 01
5160	..do..	Mrs. Elsie Blaisdell	..do..	15 88
5161	..do..	Walter W. Cook, Secretary-Treasurer, Assn. American Law Schools	Annual dues, 1914-15	10 00
5162	..do..	Chicago Legal News Co.	Copy of Linder's Reminiscences	1 50
5163	..do..	J. W. Butler Paper Co.	Paper	59 89
5164	..do..	A. C. McClurg & Co.	Books	6 11
5165	..do..	Illinois Surety Co.	Annual premiums	15 00
5166	..do..	Earle R. Math	Traveling expenses	1 90
5167	..do..	Florence E. Watson	..do..	20 88
5168	..do..	Chas. S. Kinnison	..do..	47 16
5169	..do..	Edward Orton, Jr.	..do..	27 14
5170	..do..	Bernard, Judae & Co.	Duties, etc.	14 80
5171	..do..	Chas. M. Weber, Postmaster	Postage for press bulletin	4 00
5172	..do..	E. J. Lake	Engrossing diplomas	1 50
5173	..do..	Wm. Trelease	Laboratory supplies	4 88
5174	..do..	Chicago Savings Bank & Trust Co.	Fees as paying agent	33 52
5175	..do..	C, C. C. & St. L. Ry. Co.	Freight	32 44
5176	..do..	Nathan Banks	Specimens of Psychodida	1 00
5177	..do..	A. Hoen & Co.	Printing and lithographing	1,398 00
5178	..do..	L. E. Knorr, Assistant Comptroller	Student labor	2 00
5179	..do..	Geo. Murphy, Inc.	Office supplies	4 26
5180	..do..	The Beardsley Hotel Co.	Entertainment of J. A. Puffer	1 50
5181	..do..	M. LaRabbin Israel Levi	Books	14 63
5182	..do..	Ernst Hertzberg & Sons	..do..	163 60
5183	..do..	G. E. Stechert & Co.	Balance on "Mineral Industry"	1 10
5184	..do..	G. A. Deveneau	Wages, January, 1915	11 30
5185	..do..	H. P. Kelley	..do..	11 00
5188	..do..	J. L. Simonich	..do..	20 50
5187	..do..	H. A. Branan	..do..	12 75
5188	..do..	V. F. Dobbins	..do..	20 25
5189	..do..	R. L. McKown	..do..	16 25
5190	..do..	Chas. S. Palmer	..do..	15 50
5191	..do..	F. E. Cavette	..do..	40 00
5192	..do..	S. D. Harwood	..do..	27 75
5193	..do..	J. E. Featherston	..do..	12 50
5194	..do..	Reuben W. Peterson	..do..	6 60
5195	..do..	J. O. Yapp	Wages, October, 1914, to January, 1915	4 80
5196	Feb. 1	O. A. McInnes	Dairy office	4 49
5197	..do..	Jas. Hammack	..do..	1 53
5198	..do..	E. J. Percival	..do..	5 17
5199	..do..	Geo. Taylor	..do..	1 55
5200	..do..	A. R. Grindley	..do..	7 93
5201	..do..	Ralph Smith	..do..	5 73
5202	..do..	E. F. Lyons	..do..	2 82
5203	..do..	Wm. VanBuskirk, Fithian	Creamery	5 02

## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
5204	1915 Feb. 1	J. B. Skinner, Fithian.	Creamery.	\$ 4 62
5205	do.	John Rueb, Fithian.	do.	6 96
5206	do.	J. A. E. Koch, Mayview.	do.	5 64
5207	do.	John Gidding, Homer.	do.	6 82
5208	do.	Henry Gorman, Muncie.	do.	5 77
5209	do.	J. H. Evans, Dewey.	do.	4 63
5210	do.	E. L. Rohlfing, Mahomet.	do.	4 01
5211	do.	John Rickers, Urbana, R. F. D.	do.	17 40
5212	do.	The Western Union Telegraph Co.	Telephone and telegraph.	5 30
5213	1915 Feb. 2	A. H. Burger.	Wages, January, 1915.	12 70
5214	do.	R. O. Mills.	do.	8 00
5215	do.	W. R. Morrison.	do.	30 83
5216	do.	E. V. Rugg.	do.	38 88
5217	do.	C. E. Runyan.	do.	26 95
5218	do.	Boyd Teelers.	do.	9 00
5219	do.	H. M. Thurston.	do.	20 25
5220	do.	A. Magnus.	do.	12 50
5221	do.	A. H. Lenz.	do.	10 20
5222	do.	Shady's Leonard.	do.	5 20
5223	do.	Eugene Benson.	do.	5 75
5224	do.	Edith Ryde.	do.	6 00
5225	do.	Elia Thilouson.	do.	1 50
5226	do.	J. H. Gage.	do.	1 70
5227	do.	C. P. Larson.	do.	11 70
5228	do.	C. P. Barkman.	do.	21 40
5229	do.	Gerdon Klein.	do.	10 00
5230	do.	A. P. Brown.	do.	14 00
5231	do.	A. Romero.	do.	20 85
5232	do.	Olena Adams.	do.	4 80
5233	do.	Harrett Berninger.	do.	13 00
5234	do.	Hana Touser.	do.	11 20
5235	do.	K. W. Kamp.	do.	12 20
5236	do.	Kate Ferguson.	do.	9 70
5237	do.	E. F. Holman.	do.	18 00
5238	do.	E. I. Thurston.	do.	15 10
5239	do.	O. W. Allen.	do.	30 75
5240	do.	Mary Craigmille.	do.	2 60
5241	do.	Oliver Peabie.	do.	13 10
5242	do.	A. C. Egan.	do.	20 00
5243	do.	O. W. Allen.	do.	21 00
5244	do.	R. H. Brooks.	do.	18 60
5245	do.	C. C. Frank.	do.	15 10
5246	do.	J. K. Pringle.	do.	4 25
5247	do.	M. E. Sparks.	do.	23 50
5248	do.	L. D. Burditt.	do.	4 20
5249	do.	F. A. Russell.	do.	26 60
5250	do.	Milton Nelson.	do.	1 60
5251	do.	Russell Castle.	do.	32 40
5252	do.	E. W. Hitchcock.	do.	20 00
5253	do.	Floyd Carter.	do.	21 00
5254	do.	M. H. Campbell.	do.	17 40
5255	do.	C. Shirer.	do.	22 40
5256	do.	A. C. Hammond.	do.	23 00
5257	do.	F. Z. Radell.	do.	23 40
5258	do.	S. A. Walser.	do.	12 10
5259	do.	H. H. Harris.	do.	17 60
5260	do.	Frank Leggett.	do.	20 60
5261	do.	F. M. Colcord.	do.	18 75
5262	do.	Roger T. Welsh.	do.	21 20
5263	do.	C. Jessen.	do.	22 40
5264	do.	H. Jessen.	do.	30 38
5265	do.	E. G. Johnson.	do.	35 15
5266	do.	H. W. Holland.	do.	15 00
5267	do.	H. P. Grelson.	do.	16 90
5268	do.	Max Rukin.	do.	15 30
5269	do.	S. C. Pung.	do.	8 10
5270	do.	B. S. Zeitler.	do.	65 00
5271	do.	W. J. Prince.	do.	15 75
5272	do.	Olive Paine.	do.	3 20
5273	do.	Rachel Myers.	do.	30 75
5274	do.	Grace Geyer.	do.	4 60
5275	do.	Edna Millizen.	do.	6 80
5276	do.	S. R. Farah.	do.	15 40
5277	do.	J. N. Greene.	do.	14 20
5278	do.	C. H. Hadden.	do.	3 80
5279	do.	W. H. Kastan.	do.	3 00
5280	do.	R. E. McDowell.	do.	2 40
5281	do.		do.	15 40

## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1915			
5282	Feb. 2	B. O. Mills.	Wages, January, 1915	\$ 3 20
5283	do.	H. B. Rosenberg.	do.	3 80
5284	do.	United States Audit Co.	Auditing books and accounts of University.	267 12
5285	do.	H. A. Hollister.	Traveling expenses.	21 93
5286	do.	J. J. Diddoet.	do.	25 38
5287	do.	Worrale Whitney.	do.	4 80
5288	do.	H. E. Cunningham.	do.	17 24
5289	do.	Ellen M. Henrotin.	do.	14 68
5290	do.	W. B. Day.	Sundry bills.	108 61
5291	do.	Merrell-Soule Co.	Laboratory supplies, household science.	1 50
5292	do.	C. F. Miller.	Petty expenses, November and December, 1914, and January, 1915.	3 55
5293	do.	E. H. Swigert.	Tuning and repairing pianos.	22 00
5294	do.	Mrs. F. L. Stevens.	Two addresses before School for Housekeepers.	22 50
5295	do.	Mrs. Cecil F. Baker.	do.	27 04
5296	do.	Miss Anna M. Price.	do.	8 05
5297	do.	M. L. Bowman.	Lectures at Short Course, Adrian, Ill.	20 00
5298	do.	J. F. Aiken.	do.	10 00
5299	do.	Carl Colvin.	Lectures at Extension Schools.	40 00
5300	do.	F. W. Post.	Subscription to Army and Navy Journal.	3 00
5301	do.	A. M. Baker.	Salary as Cadet Officer, 1st Semester, 1914-15.	12 00
5302	do.	B. W. Fairbanks.	do.	12 00
5303	do.	H. S. Bradley.	Wages, January, 1915.	31 05
5304	Feb. 3	John Graham.	Dairy office.	9 82
5305	do.	John McCullough.	do.	4 27
5306	do.	H. I. Nelson.	do.	4 79
5307	do.	J. E. Henderson.	do.	4 28
5308	do.	Wm. Case, Ogden.	Creamery.	5 70
5309	do.	W. J. Wilson, Ogden.	do.	1 89
5310	do.	Daniel Hahn, Ogden.	do.	5 46
5311	do.	E. M. Snyder, Homer.	do.	3 73
5312	do.	T. M. Ghere, Homer.	do.	4 53
5313	do.	H. Allison, Homer.	do.	5 58
5314	do.	T. H. Palmer, Fithian.	do.	4 93
5315	do.	C. G. Plotner, Fithian.	do.	3 72
5316	do.	Frank Knox, Mahomet.	do.	5 19
5317	do.	W. L. Davis, Mahomet.	do.	5 32
5318	do.	D. S. Herriott, Mahomet.	do.	6 64
5319	do.	Mary Warner, Mahomet.	do.	5 32
5320	do.	C. A. Fogel, Mahomet.	do.	3 25
5321	do.	John Cornett, St. Joseph.	do.	3 87
5322	do.	R. H. McAlister, Muncie.	do.	5 46
5323	do.	W. J. Kelly, Loda.	do.	4 25
5324	do.	T. N. Burwash, West University Ave., Champaign.	do.	1 79
5325	do.	E. V. Percival, Urbana, R. F. D.	do.	4 13
5326	do.	L. E. Knorr, Assistant Comptroller.	Sundry bills.	71 77
5327	do.	L. E. Knorr, Assistant Comptroller.	Rebates.	99 00
5328	do.	L. E. Knorr, Assistant Comptroller.	Student labor.	6 30
5329	do.	L. E. Knorr, Assistant Comptroller.	General labor.	40 40
5330	do.	Miller-Bryant-Pierce Co.	Coupon books.	47 04
5331	do.	United States Blue Print Paper Co.	One set drawing instruments.	2 28
5332	do.	Universal Sales Co.	Office supplies.	7 45
5333	do.	William Aten, Sr.	Experiment Field Work, labor.	7 00
5334	do.	Stephen Rogers.	do.	16 70
5335	do.	D. O. Barto.	Traveling expenses.	9 19
5336	do.	J. L. Edmonds.	do.	8 35
5337	do.	W. J. Carmichael.	do.	9 16
5338	do.	W. T. Crandall.	do.	6 95
5339	do.	C. W. Wray.	do.	11 85
5340	do.	H. I. Huntington.	do.	19 23
5341	do.	Frank Leggett.	do.	12 64
5342	do.	Addressograph Co.	Gear.	2 25
5343	do.	C. H. Stoelting Co.	Laboratory supplies.	10 38
5344	do.	The Miner Laboratories.	do.	3 00
5345	do.	Fulton Bag & Cotton Mills.	do.	7 36
5346	do.	American Gas Furnace Co.	Slabs.	1 54
5347	do.	U. S. Reduction Co.	Laboratory supplies.	88 33
5348	do.	The Geometric Tool Co.	One set dies.	4 67
5349	do.	Steelcrete Expanded Metal Co.	Laboratory supplies.	2 68
5350	do.	John C. Moore Corporation.	Office supplies.	21 19

## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
<b>1915</b>				
5351	Feb. 2	Roovers Bros.	Zinc tape.	\$ 2 36
5352	do.	The Cleveland Twist Drill Co.	Drills.	9 29
5353	do.	Brown & Sharpe Mfg. Co.	Metal saw.	1 25
5354	do.	Baker & Co., Inc.	Laboratory supplies.	20 94
5355	do.	Architectural Book Publishing Co.	Books.	8 10
5356	do.	Royal Palm Nurseries.	General supplies.	2 40
5357	do.	Marine Biological Laboratory.	Laboratory supplies.	6 50
5358	do.	Frank H. Shoemaker.	Lantern slides.	5 60
5359	do.	M. A. Donohue & Co.	Legal cap paper.	17 00
5360	do.	Morgan Rug Mfg. Co.	Repair work.	1 50
5361	do.	Swartz Electric Shop.	Resistance coil.	5 00
5362	do.	Exporters' Encyclopaedia Co.	Encyclopaedia.	7 50
5363	do.	Jones & Laughlin Steel Co.	Steel.	2 97
5364	do.	Link Belt Co.	Chain.	1 62
5365	do.	Geo. B. Carpenter & Co.	Cement.	35 28
5366	do.	Keuffel & Esser Co. of New York.	One dozen jupiter blades.	4 66
5367	do.	The Thompson & Norris Co.	Laboratory supplies.	1 53
5368	do.	Samuel Abrams.	Mimeographing.	6 00
5369	do.	Printograph Mfg. Co.	Office equipment.	20 25
5370	do.	F. W. Graves.	Wages, January, 1915.	42 30
5371	do.	W. H. Kane.	do.	10 00
5372	do.	R. L. Castle.	do.	25 69
5373	do.	K. M. Holaday.	do.	11 60
5374	do.	Robt. Meals.	do.	38 36
5375	do.	W. H. Browne.	do.	17 50
5376	do.	B. M. Kisselberg.	do.	21 00
5377	do.	E. F. Murphy.	do.	20 10
5378	do.	A. E. McCoy.	do.	12 80
5379	do.	O. M. McGhee.	do.	24 25
5380	do.	Douglas Wright, Jr.	do.	31 75
5381	do.	A. P. Holt.	do.	46 00
5382	do.	T. R. Shiveley.	do.	25 38
5383	do.	L. S. Baldwin.	do.	26 90
5384	do.	Grace E. Malsbary.	do.	28 50
5385	do.	Mildred Dumke.	do.	27 60
5386	do.	W. F. Campbell.	do.	22 16
5387	do.	J. E. Durst.	do.	8 90
5388	do.	W. R. Jones.	do.	33 50
5389	do.	John Lamb, Jr.	do.	4 80
5390	do.	John L. Munson.	do.	27 00
5391	do.	Raymond Reese.	do.	40 20
5392	do.	Fred Dale.	do.	17 00
5393	do.	Herman Dale.	do.	23 20
5394	do.	D. J. Campbell.	do.	4 60
5395	do.	R. F. Harvey.	do.	8 80
5396	do.	J. Bruce Henderson.	do.	3 95
5397	do.	W. C. Kolmer.	do.	10 60
5398	do.	Homer E. Lidster.	do.	1 20
5399	do.	Henry Miner.	do.	3 40
5400	do.	C. L. Trowbridge.	do.	18 45
5401	do.	M. Russell Davis.	do.	27 30
5402	do.	F. W. Farley.	do.	18 10
5403	do.	L. L. Hunt.	do.	5 80
5404	do.	F. W. Leggett.	do.	12 65
5405	do.	Chas. H. Rehling.	do.	12 10
5406	do.	S. C. Skemp.	do.	30 75
5407	do.	E. S. Axline.	do.	32 85
5408	do.	P. D. Jenks.	do.	29 25
5409	do.	R. A. Nelson.	do.	13 75
5410	do.	A. Sample.	do.	28 80
5411	do.	H. A. Shonle.	do.	4 50
5412	do.	M. E. Slater.	do.	38 00
5413	do.	W. F. Campbell.	do.	1 91
5414	do.	L. E. Voorhees.	do.	15 63
5415	do.	G. H. Lindsey.	do.	12 00
5416	do.	E. E. Warner.	do.	10 00
5417	do.	Ralph P. Brown.	do.	25 05
5418	do.	C. C. C. & St. L. Ry. Co.	Freight.	29 21
5419	do.	Illinois Traction System.	do.	733 20
5420	do.	Illinois Central R. R. Co.	do.	8 50
5421	do.	Illinois Traction System.	do.	5 35
5422	do.	The Wabash R. R.	do.	118 69
5423	Feb. 4	E. J. Percival.	Dairy office.	4 67
5424	do.	R. A. Lumsden.	do.	4 10
5425	do.	O. A. McInnes.	do.	5 92
5426	do.	R. S. McInnes.	do.	2 46



## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1915			
5427	Feb. 4	C. C. Gordon	Dairy office	\$ 7 20
5428	do.	David Wilkins	do	5 09
5429	do.	C. E. Hopkins, Tontl.	Creamery	4 65
5430	do.	Hungerford Bros., Loda	do	4 71
5431	do.	E. L. Martin, Homer	do	6 85
5432	do.	C. R. Beavers, Homer	do	5 50
5433	do.	W. E. Yount, Homer	do	12 19
5434	do.	M. B. Allen, Homer	do	4 35
5435	do.	E. R. Canady, Homer	do	4 61
5436	do.	J. W. Hillard, Homer	do	6 37
5437	do.	J. P. Yeazel, Homer	do	4 10
5438	do.	Ted. L. Lowery, Homer	do	3 36
5439	do.	Andrew Shields, Dewey	do	4 47
5440	do.	Henry Reinhart, Dewey	do	4 76
5441	do.	Nicholas Hahn, Ogden	do	4 42
5442	do.	P. J. Wagner, Ogden	do	7 46
5443	do.	J. B. Marsh, Ogden	do	7 04
5444	do.	James Freeman, Fithian	do	7 52
5445	do.	C. E. Smoot, Fithian	do	3 36
5446	do.	Earl Dickson, Fithian	do	3 97
5447	do.	Guy Hobick, Fithian	do	5 44
5448	do.	S. V. Mayhen, Fithian	do	5 22
5449	do.	John W. Willsey, Urbana, R. F. D.	do	5 89
5450	do.	E. A. Smith, Urbana, R. F. D. No. 7.	do	3 30
5451	do.	F. W. Howell, Homer, R. F. D. No. 60.	do	3 20
5452	Feb. 5	Hotel LaSalle	Eleven luncheons	22 00
5453	do.	W. L. Abbott	Traveling expenses	32 39
5454	do.	Ernst Hertzberg & Sons	Books	20 35
5455	do.	Planigan-Pearson Co.	Printing	198 00
5456	do.	J. W. Butler Paper Co.	Office supplies	63 49
5457	do.	G. E. Stechert & Co.	Books	2 30
5458	do.	H. T. Reeves	Wages, January, 1915	92 00
5459	do.	John Ascherman	do	53 80
5460	do.	Wm. Atwell	do	64 89
5461	do.	V. E. Bailey	do	61 95
5462	do.	V. R. Barnes	do	94 00
5463	do.	M. C. Booher	do	81 60
5464	do.	A. J. Booker	do	77 20
5465	do.	Geo. Boyer	do	63 00
5466	do.	John Brannigan	do	75 25
5467	do.	J. E. Browning	do	62 00
5468	do.	Harry Brown	do	60 90
5469	do.	Basil Brown	do	72 24
5470	do.	D. M. Bullock	do	70 15
5471	do.	Thos. Butler	do	61 18
5472	do.	Karl Cagan	do	60 41
5473	do.	Neal Canaday	do	61 87
5474	do.	Rolla Carson	do	55 20
5475	do.	J. Cassidy	do	48 20
5476	do.	Jas. Casad	do	120 00
5477	do.	John Ceduskey	do	79 64
5478	do.	Bert Clark	do	68 40
5479	do.	J. W. Cheever	do	53 00
5480	do.	Frank Clancy	do	117 00
5481	do.	Harry Clifford	do	81 90
5482	do.	A. L. Collins	do	61 40
5483	do.	B. F. Crackel	do	55 20
5484	do.	J. D. Craig	do	66 80
5485	do.	F. Crathorne	do	83 53
5486	do.	Roy Crawford	do	24 80
5487	do.	Frank Cunningham	do	110 50
5488	do.	F. E. Crump	do	68 20
5489	do.	Jos. Davis	do	71 61
5490	do.	R. H. Dexter	do	84 74
5491	do.	J. B. Doll	do	66 40
5492	do.	C. A. Dunseth	do	85 20
5493	do.	B. F. English	do	64 86
5494	do.	M. Felgner	do	53 80
5495	do.	Thos. J. Fay	do	96 10
5496	do.	Herman Fechttruph	do	74 40
5497	do.	Fred Fender	do	91 20
5498	do.	Louie Fender	do	73 04
5499	do.	J. C. Fiscus	do	24 00
5500	do.	J. J. Fiscus	do	65 09
5501	do.	Felix Fox	do	61 60
5502	do.	Guy Fox	do	73 66
5503	do.	Frank Fogarty	do	54 08
5504	do.	Wm. Fogarty	do	54 00

## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1915			
5505	Feb. 5	C. Y. Freeman	Wages, January, 1915	\$ 59 01
5506	do.	J. H. Frazier	do.	66 40
5507	do.	F. T. Franklin	do.	63 00
5508	do.	V. S. Glenn	do.	53 60
5509	do.	W. H. Graybeal	do.	67 62
5510	do.	A. Glawe	do.	66 00
5511	do.	Chas. Gunlock	do.	55 60
5512	do.	Sell Hamlin	do.	52 00
5513	do.	Saml. Hanson	do.	60 00
5514	do.	E. J. Hargan	do.	65 56
5515	do.	L. T. Heinz	do.	62 00
5516	do.	Chas. Hill	do.	95 94
5517	do.	W. G. Hixon	do.	50 40
5518	do.	Harry Higgins	do.	91 20
5519	do.	F. F. Hoover	do.	59 40
5520	do.	Ross Hutton	do.	66 93
5521	do.	F. M. Irvine	do.	74 80
5522	do.	Jas. Irvine	do.	56 70
5523	do.	Guy Johnson	do.	58 61
5524	do.	A. L. Johnson	do.	47 60
5525	do.	C. C. Johnson	do.	31 50
5526	do.	Margaret Jones	do.	17 00
5527	do.	E. Johns	do.	59 00
5528	do.	E. W. Justus	do.	108 00
5529	do.	Tim Kenney	do.	68 50
5530	do.	J. A. J. Klien	do.	71 61
5531	do.	Otto Kreigl	do.	28 40
5532	do.	Fred Langhoff	do.	68 77
5533	do.	A. Langhoff	do.	83 20
5534	do.	E. C. Lewis	do.	40 64
5535	do.	P. L. Livick	do.	73 72
5536	do.	A. C. Lutton	do.	60 27
5537	do.	J. F. Long	do.	78 12
5538	do.	Thos. Long	do.	95 04
5539	do.	H. H. Mahoney	do.	67 16
5540	do.	Thurman Mathews	do.	51 40
5541	do.	Vernon May	do.	50 00
5542	do.	W. M. Meadows	do.	62 80
5543	do.	O. E. Meenach	do.	16 10
5544	do.	O. L. Mendenhall	do.	46 50
5545	do.	Dan Meneely	do.	61 87
5546	do.	C. M. Miller	do.	56 91
5547	do.	J. H. Miller	do.	114 75
5548	do.	D. L. Moody	do.	61 80
5549	do.	P. O. Moore	do.	26 00
5550	do.	Rebecca Morgan	do.	42 50
5551	do.	A. Moran	do.	64 00
5552	do.	Jesse Myers	do.	60 26
5553	do.	A. J. McAlister	do.	76 08
5554	do.	Jas. McCullough	do.	63 58
5555	do.	Frances E. McClughen	do.	44 20
5556	do.	B. F. McDaniel	do.	56 40
5557	do.	W. J. McFadden	do.	47 80
5558	do.	Wm. McFarland	do.	52 20
5559	do.	Carl Neblock	do.	77 70
5560	do.	J. R. Newton	do.	64 20
5561	do.	C. M. Ollis	do.	62 00
5562	do.	R. A. Palfreyman	do.	52 00
5563	do.	O. J. Patterson	do.	29 25
5564	do.	Nick Peterson	do.	51 80
5565	do.	S. A. Porter	do.	82 40
5566	do.	E. W. Presson	do.	53 00
5567	do.	W. C. Prevette	do.	61 60
5568	do.	J. F. Purkins	do.	58 19
5569	do.	S. Randolph	do.	69 00
5570	do.	Ben R. Reed	do.	34 50
5571	do.	Gilbert Robbins	do.	53 00
5572	do.	Ed. Richards	do.	106 40
5573	do.	G. Rittenhouse	do.	50 63
5574	do.	Mary Ryan	do.	42 50
5575	do.	Martin Sandwell	do.	81 60
5576	do.	A. Servis	do.	73 83
5577	do.	S. A. Shaw	do.	33 60
5578	do.	W. J. Smith	do.	121 77
5579	do.	L. H. Smock	do.	62 00
5580	do.	J. C. Snider	do.	50 72
5581	do.	A. C. Speedie	do.	81 60
5582	do.	Frank Stateler	do.	82 50

## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1915			
5583	Feb. 5	L. M. Stearns.....	Wages, January, 1915.....	\$ 55 65
5584	do.	Elmer Stratton.....	do.	79 00
5585	do.	Gus Strum.....	do.	44 77
5586	do.	Otto Swearingen.....	do.	58 95
5587	do.	Roy Tatlock.....	do.	51 80
5588	do.	Wm. Templin.....	do.	87 00
5589	do.	H. L. Thompson.....	do.	54 20
5590	do.	I. F. Tillotson.....	do.	71 91
5591	do.	Geo. Toy.....	do.	65 78
5592	do.	Geo. Turner.....	do.	69 23
5593	do.	O. J. Utterback.....	do.	57 20
5594	do.	J. H. Vandiventer.....	do.	79 60
5595	do.	A. Warmbier.....	do.	86 70
5596	do.	P. T. Walters.....	do.	38 00
5597	do.	Edwin Wells.....	do.	28 40
5598	do.	C. J. Welch.....	do.	112 00
5599	do.	Ed. Whamby.....	do.	72 68
5600	do.	Wesley Wilson.....	do.	82 00
5601	do.	Frank Wiltz.....	do.	85 00
5602	do.	Amos Wright.....	do.	83 60
5603	do.	Wm. Wilde.....	do.	96 10
5604	do.	Walter Winger.....	do.	62 00
5605	do.	A. O. Magnuson.....	do.	80 00
5606	do.	Kelsey B. Gardner.....	do.	65 00
5607	do.	Louise Bennett.....	do.	44 06
5608	do.	Ora B. Castle.....	do.	50 00
5609	do.	Leigh Hunt.....	do.	41 40
5610	do.	Maud Campbell.....	do.	49 00
5611	do.	Agnes A. Wagner.....	do.	40 00
5612	do.	Ida Luther.....	do.	51 25
5613	do.	M. C. Weaver.....	do.	78 00
5614	do.	K. Hathaway.....	do.	50 00
5615	do.	C. A. Brumley.....	do.	57 20
5616	do.	Mark Small.....	do.	60 00
5617	do.	Fred Wilde.....	do.	78 12
5618	do.	J. W. Rinesmith.....	do.	43 85
5619	do.	Bernard Harrington.....	do.	60 00
5620	do.	T. M. Lyons.....	do.	37 40
5621	do.	Edward Brown.....	do.	15 00
5622	do.	C. E. Mattoon.....	do.	52 00
5623	do.	Asa Egelson.....	do.	13 77
5624	do.	Hazel L. Rock.....	do.	50 00
5625	do.	A. L. Shriver.....	do.	52 80
5626	do.	W. E. Cummins.....	do.	24 90
5627	do.	Elliott Billman.....	do.	15 40
5628	do.	J. H. Hinshaw.....	do.	12 00
5629	do.	J. J. Hanmore.....	do.	19 60
5630	do.	Ethel G. Kratz.....	do.	16 25
5631	do.	Nora Johanning.....	do.	29 25
5632	do.	Mabel Fielding.....	do.	57 20
5633	do.	H. D. Hohn.....	do.	26 10
5634	do.	Muriel Holbrook.....	do.	17 70
5635	do.	LaRhue Kile.....	do.	38 40
5636	do.	Olga Thal.....	do.	16 90
5637	do.	Lilace Kidd.....	do.	15 80
5638	do.	Muriel Hill.....	do.	16 90
5639	do.	Frances J. Perkins.....	do.	14 20
5640	do.	Nelle Barnes.....	do.	24 87
5641	do.	L. D. Bunting.....	do.	17 00
5642	do.	Josephine Bernhardt.....	do.	27 00
5643	do.	Dorothy Doty.....	do.	15 40
5644	do.	LaRhue Kile.....	do.	15 57
5645	do.	T. P. Lyons.....	Dairy office.....	2 72
5646	do.	Fred Thompson.....	do.	3 26
5647	do.	E. Grove.....	do.	6 62
5648	do.	Fritz Schweineke, Homer.....	Creamery.....	6 08
5649	do.	Louie Wienke, Homer.....	do.	5 70
5650	do.	L. W. Krukewitt, Homer.....	do.	3 20
5651	do.	W. D. Rohl, Homer.....	do.	5 28
5652	do.	J. Willits, Homer.....	do.	4 29
5653	do.	W. E. Satterfield, Homer.....	do.	4 67
5654	do.	G. W. VanMeter, Savoy.....	do.	10 21
5655	do.	B. Jordan, Savoy.....	do.	7 52
5656	do.	T. F. Jordan, Savoy.....	do.	10 88
5657	do.	C. Ross, Savoy.....	do.	10 56
5658	do.	John Rueb, Fithian.....	do.	4 03
5659	do.	Macy Bros., Fithian.....	do.	10 20
5660	do.	J. F. Frances, Fithian.....	do.	5 44

## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount
	1915			
5661	Feb. 5	R. L. Meyers, Mahomet.....	Creamery.....	\$ 4 69
5662	do.	W. L. Davis, Mahomet.....	do.	5 28
5663	do.	Wm. Leischner, Milmine.....	do.	5 34
5664	do.	John W. Grein, Broadlands.....	do.	5 24
5665	do.	H. Cherry, Ogden.....	do.	10 59
5666	do.	J. H. Evans, Dewey.....	do.	4 60
5667	do.	Joseph Mounts, Rantoul.....	do.	5 59
5668	do.	Geo. Schiff, Homer, R. F. D. No. 61.....	do.	4 54
5669	do.	I. C. Wible, Ogden, R. F. D. No. 17.....	do.	1 76
5670	Feb. 6	L. E. Knorr, Assistant Comptroller.....	Student labor.....	569 32
5671	do.	Standard Oil Co.	Laboratory supplies.....	1 32
5672	Feb. 8	Jas. Hammack.....	Dairy office.....	1 91
5673	do.	Ralph Smith.....	do.	5 86
5674	do.	A. R. Grindley.....	do.	6 82
5675	do.	O. A. McInnes.....	do.	4 47
5676	do.	E. J. Percival.....	do.	5 18
5677	do.	Cora Stacker.....	do.	3 41
5678	do.	James Fisher, Ogden.....	Creamery.....	4 03
5679	do.	Wm. Case, Ogden.....	do.	9 52
5680	do.	E. P. Ott, Ogden.....	do.	3 56
5681	do.	G. B. Giddings, Ogden.....	do.	5 11
5682	do.	P. J. Wagner, Ogden.....	do.	8 21
5683	do.	E. R. Canady, Homer.....	do.	4 84
5684	do.	Lon Libka, Homer.....	do.	4 28
5685	do.	J. A. R. Koch, Mayview.....	do.	5 33
5686	do.	J. B. Skinner, Fithian.....	do.	4 46
5687	do.	Pearl Hazen, Mahomet.....	do.	3 73
5688	do.	J. A. Daeger, Savoy.....	do.	3 33
5689	do.	G. G. Cockran, Dewey.....	do.	5 77
5690	do.	John Jarrett, Urbana, R. F. D.....	do.	5 55
5691	Feb. 9	L. E. Knorr, Assistant Comptroller.....	Rebates.....	37 50
5692	do.	L. E. Knorr, Assistant Comptroller.....	General labor.....	6 60
5693	do.	L. E. Knorr, Assistant Comptroller.....	Student labor.....	19 15
5694	do.	L. E. Knorr, Assistant Comptroller.....	Express.....	89 55
5695	do.	The Young Men's Christian Assn.....	Salaries.....	171 18
5696	do.	O'Byrne Transfer & Storage Co.....	Transferring mail sacks to Urbana.....	1 50
5697	do.	L. B. Souder.....	Cleaning lace curtains.....	11 00
5698	do.	Ernst Hertzberg & Sons.....	Books.....	4 60
5699	do.	John W. Spaulding.....	Horseshoeing.....	6 00
5700	do.	Weimer & Schweinsberg.....	Harness repairs.....	6 90
5701	do.	Harry Herrick.....	Gas engine repairs.....	2 20
5702	do.	L. T. Powers.....	Traveling expenses.....	13 38
5703	do.	C. D. Dow.....	do.	16 77
5704	do.	O. M. Allyn.....	do.	10 86
5705	do.	C. C. Chapman.....	do.	15 22
5706	do.	Mary E. Busey.....	do.	12 44
5707	do.	R. S. Dunham.....	do.	5 80
5708	do.	R. R. Manley.....	do.	25 08
5709	do.	H. A. Cate.....	do.	9 66
5710	do.	R. H. Hadley.....	do.	1 41
5711	do.	Chas. H. Rehling.....	do.	15 40
5712	do.	C. F. Goodman.....	do.	83 62
5713	do.	C. O. Reed.....	do.	2 05
5714	do.	J. J. Slovan.....	do.	12 03
5715	do.	N. W. Hepburn.....	do.	20 08
5716	do.	G. S. Beaumont.....	do.	13 38
5717	do.	Chas. B. Price.....	do.	13 37
5718	do.	A. A. Hill.....	Assisting at Short Course and Corn Show.....	15 00
5719	do.	W. E. Prichard.....	do.	10 00
5720	do.	L. G. Griffith.....	do.	20 00
5721	do.	J. V. Stevenson.....	Lectures at Extension Schools.....	20 00
5722	do.	H. A. Winter.....	Instruction at Short Course.....	40 00
5723	do.	W. W. Webb.....	do.	15 00
5724	do.	J. B. Marshall.....	Labor, Experiment Field.....	67 50
5725	do.	Alice C. Boughton.....	Rental for School Lunch Exhibit.....	10 00
5726	do.	Hanovia Chemical & Mfg Co.....	Repairs for glass distilling bulb.....	8 10
5727	do.	The Union Paper & Twine Co.....	Laboratory supplies.....	3 00
5728	do.	Henry A. Dreer, Inc.....	Flower seeds.....	9 60
5729	do.	J. M. Thorburn & Co.....	General supplies.....	1 58
5730	do.	Geo. B. Carpenter & Co.....	Laboratory supplies.....	27 93
5731	do.	W. Atlee Burpee & Co.....	Seeds.....	6 71
5732	do.	H. C. Taylor.....	Straw.....	124 86
5733	do.	R. B. McKee.....	Alfalfa.....	13 91
5734	do.	The Frederick Post Co.....	One bottle Primo Transferring Fluid.....	1 00
5735	do.	Geo. Murphy, Inc.....	Laboratory supplies.....	22 10
5736	do.	Sweet Wallach & Co.....	do.	2 97

## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1915			
5737	Feb. 9	Meinann Bros. Mfg. Co.	Frames for fence panels	\$ 19 80
5738	do.	Sheldon Brick & Building Supply Co.	Brick and drain tile	5 96
5739	do.	Chas. A. Strelinger Co.	Drills	4 50
5740	do.	Wadsworth-Howland Co.	Stucco brushes	22 39
5741	do.	Peck & Hills Furniture Co.	Carpet sweeper	3 84
5742	do.	Beckley-Cardy Co.	Brush mats	47 04
5743	do.	Jas. H. Rice Co.	Laboratory supplies	2 39
5744	do.	The Warren Brush Co.	Street brushes	8 23
5745	do.	The Fisher Governor Co.	Piston cups	5 82
5746	do.	Stonington Coal Co.	Coal	57 44
5747	do.	H. I. Carpenter	Tuning pianos	5 00
5748	do.	The Schwerdtle Stamp Co.	Steel stamps	1 08
5749	do.	International Press Clipping Bureau	Press clippings for January, 1915.	5 00
5750	do.	J. D. White, Clerk, University Sub-Station	Postage	342 72
5751	do.	P. S. Campbell	Printing	34 75
5752	do.	J. W. Butler Paper Co.	Office supplies	78 64
5753	do.	Illinois Traction System	Freight	615 73
5754	do.	C. C. C. & St. L. Ry. Co.	do.	30 64
5755	do.	Illinois Central R. R. Co.	do.	2 81
5756	do.	The Wabash R. R.	do.	31 95
5757	Feb. 10	M. B. Allen, Homer	Creamery	4 34
5758	do.	Wm. Leofler	do.	4 22
5759	do.	H. Allison, Homer	do.	5 77
5760	do.	C. R. Beavers, Homer	do.	5 08
5761	do.	E. M. Snyder	do.	3 64
5762	do.	J. A. Morgan, Homer	do.	4 31
5763	do.	F. Sanks, Homer	do.	5 33
5764	do.	J. W. Hillard, Homer	do.	6 20
5765	do.	E. L. Martin, Homer	do.	4 84
5766	do.	T. M. Ghere, Homer	do.	4 46
5767	do.	Mary Warner, Mahomet	do.	5 15
5768	do.	Frank Knox, Mahomet	do.	5 25
5769	do.	J. M. Herriott, Mahomet	do.	2 99
5770	do.	C. A. Fogel, Mahomet	do.	3 21
5771	do.	Robert Childers, Ogden	do.	2 32
5772	do.	Daniel Hahn, Ogden	do.	5 61
5773	do.	James Richard, Fithian	do.	6 08
5774	do.	Guy Hobick, Fithian	do.	4 96
5775	do.	J. W. Rayburn, Bondville	do.	6 54
5776	do.	C. C. Rayburn, Bondville	do.	6 32
5777	do.	John Ridgeley, White Heath	do.	4 74
5778	do.	W. J. Kelly, Loda	do.	3 41
5779	do.	John Beckers, Urbana, R. F. D. No. 10.	do.	4 93
5780	do.	Otto G. Parker, Rantoul, R. F. D. No. 23.	do.	5 78
5781	do.	Wm. P. Walsh, Ludlow, R. F. D. No. 30.	do.	5 90
5782	do.	A. J. Spohn, Morrison	do.	9 62
5783	do.	J. A. Shake, Amboy	do.	4 90
5784	do.	Peter J. Peterson, Round Lake	do.	5 51
5785	do.	Richmond Bros., Waterman	do.	6 20
5786	do.	Monmouth Creamery Co., Monmouth	do.	4 78
5787	do.	Jno. B. Kendall, DeKalb	do.	17 27
5788	do.	Wm. J. Kane, Thomson	do.	9 28
5789	do.	Sam Grimm, Crete	do.	9 28
5790	do.	Frank Szerlong, Camp Point	do.	8 62
5791	do.	Prophetstown Creamery Co., Prophetstown	do.	8 28
5792	do.	Abingdon Butter Co., Abingdon	do.	6 09
5793	do.	Johnson Creamery, Stewardson	do.	7 99
5794	do.	Ferd. Grimm, Savanna	do.	1 90
5795	do.	P. Damgaard, Champaign	do.	5 46
5796	do.	Jacksonville Creamery Co., Jacksonville	do.	8 70
5797	do.	Corn Belt Creamery Co., Bloomington	do.	7 70
5798	do.	C. B. Hamilton, Dallas City	do.	15 82
5799	do.	Newton Creamery Co., Newton	do.	8 96
5800	do.	M. E. Simonson, Astoria	do.	7 68
5801	do.	Claremont Creamery Co., Claremont	do.	1 13
5802	Feb. 11	E. J. Percival	Dairy office	5 13
5803	do.	O. A. McInnes	do.	2 54
5804	do.	R. S. McInnes	do.	1 03
5805	do.	C. C. Gordon	do.	7 05
5806	do.	David Wilkins	do.	4 71
5807	do.	W. J. Wilson, Ogden	Creamery	2 14
5808	do.	Fred Elliott, Ogden	do.	3 78
5809	do.	Ed. Fisher, Ogden	do.	3 53
5810	do.	W. E. Satterfield, Homer	do.	4 28
5811	do.	E. R. Cannady, Homer	do.	5 24
5812	do.	W. E. Yount, Homer	do.	4 96
5813	do.	R. A. Lumsden, Fithian	do.	4 93
5814	do.	James Freeman, Fithian	do.	7 19

## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
5815	1915			
5815	Feb. 11	Chas. Wagner, St. Joseph.	Creamery.	\$ 5 89
5816	do.	C. E. Hopkins, Tonti.	do.	4 18
5817	do.	R. H. McAlister, Muncie.	do.	5 39
5818	do.	E. R. Lape, Fisher.	do.	3 77
5819	do.	R. L. Meyers, Mahomet.	do.	3 46
5820	do.	S. T. Carter, Seymour.	do.	4 01
5821	do.	Frank Reinhart, Dewey.	do.	4 26
5822	do.	John Willsey, Urbana, R. F. D.	do.	5 67
5823	do.	E. A. Smith, Urbana, R. F. D.	do.	2 57
5824	do.	Marion B. Sparks.	Wages, January, 1915.	60 00
5825	do.	Forest Mock.	do.	50 00
5826	do.	Byrdie Butzer.	Wages, December and January.	24 20
5827	do.	C. F. Jones.	Wages, February, 1915.	1 80
5828	do.	C. A. Nowlen.	Wages, January, 1915.	10 60
5829	do.	C. C. Younglove.	do.	11 75
5830	do.	Western Union Telegraph Co.	Telephone and telegraph.	1 13
5831	do.	William Hix.	Teaming.	47 50
5832	do.	Southern Illinois Penitentiary.	Crushed stone.	15 00
5833	do.	L. E. Knorr.	Traveling expenses.	6 65
5834	do.	Jesse H. Roth.	Typewriting.	1 50
5835	do.	Ernst Hertzberg & Sons.	Books.	53 15
5836	do.	Chicago Telephone Co.	Telephone.	39 95
5837	do.	The Peoples Gas Light & Coke Co.	Gas.	92 98
5838	do.	Thurlow G. Lewis.	Salary as clerk of the Practice Court, 1st sem., 1914-15.	50 00
5839	do.	J. D. White, Clerk, University Station.	Envelopes.	42 48
5840	Feb. 12	A. R. Grindley.	Dairy office.	5 67
5841	do.	Ralph Smith.	do.	6 23
5842	do.	J. E. Henderson.	do.	4 43
5843	do.	E. Grove.	do.	8 06
5844	do.	J. P. Yeazel, Homer.	Creamery.	3 66
5845	do.	Sigel Yeazel, Homer.	do.	3 47
5846	do.	H. Allison, Homer.	do.	5 64
5847	do.	Arthur Morgan, Homer.	do.	4 34
5848	do.	F. S. Umbanhowar, Homer.	do.	4 15
5849	do.	J. H. Umbanhowar, Homer.	do.	4 65
5850	do.	W. D. Rohl, Homer.	do.	5 27
5851	do.	J. A. Davis, Homer.	do.	4 93
5852	do.	Z. Alsip, Ogden.	do.	4 46
5853	do.	Nicholas Hahn, Ogden.	do.	6 94
5854	do.	A. E. Hayes, Ogden.	do.	3 25
5855	do.	B. Jordan, Savoy.	do.	16 05
5856	do.	T. F. Jordan, Savoy.	do.	8 77
5857	do.	C. Ross, Savoy.	do.	8 18
5858	do.	G. W. Van Meter, Savoy.	do.	8 12
5859	do.	J. F. Frances, Fithian.	do.	5 27
5860	do.	John Rueb, Fithian.	do.	6 91
5861	do.	S. V. Mayhen, Fithian.	do.	4 90
5862	do.	Earl Dickson, Fithian.	do.	4 15
5863	do.	C. A. Fogel, Mahomet.	do.	2 62
5864	do.	Pearl Hazen, Mahomet.	do.	3 11
5865	do.	S. Lee Cox, Oakwood.	do.	7 69
5866	do.	Wm. P. Walsh, Ludlow.	do.	6 80
5867	do.	Hungerford Bros., Loda.	do.	5 15
5868	do.	Lucas Duffner, Farmer City.	do.	6 42
5869	do.	F. W. Howell, Homer, R. F. D. No. 60.	do.	3 53
5870	Feb. 13	Imperial Cotto Milling Co.	Oil meal.	600 00
5871	Feb. 15	C. B. Smith.	Dairy office.	2 85
5872	do.	H. I. Nelson.	do.	5 49
5873	do.	James Hammack.	do.	1 50
5874	do.	Fred Thompson.	do.	3 84
5875	do.	E. J. Percival.	do.	3 72
5876	do.	L. W. Krukewitt, Homer.	Creamery.	3 07
5877	do.	John Gidding, Homer.	do.	5 92
5878	do.	M. B. Allen, Homer.	do.	4 59
5879	do.	E. R. Canady, Homer.	do.	5 05
5880	do.	Ted Lowery, Homer.	do.	3 72
5881	do.	Ed. Smith, Homer.	do.	4 93
5882	do.	Lon Libka, Homer.	do.	3 69
5883	do.	J. B. Marsh, Ogden.	do.	6 23
5884	do.	Wm. Case, Ogden.	do.	5 24
5885	do.	J. B. Skinner, Fithian.	do.	4 46
5886	do.	C. G. Plotner, Fithian.	do.	3 38
5887	do.	C. C. Rayburn, Bondville.	do.	5 64
5888	do.	J. W. Rayburn, Bondville.	do.	6 54
5889	do.	Henry Reinhart, Dewey.	do.	5 25
5890	do.	J. A. R. Koch, Mayview.	do.	5 55

## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
5891	1915 Feb. 15	The Powers Regulator Co.	Railroad fare of Mr. Katholm, armory building work.	\$ 5 04
5892	..do..	T. McGraw.	Teaming.	1 25
5893	..do..	Real Estate Record & Builders' Guide.	Books.	2 00
5894	..do..	Heaton's Agency.	Copy of "Heaton's Annual"	1 27
5895	..do..	J. S. Kingsley.	Traveling expenses.	5 04
5896	..do..	L. H. Kornder.	..do.	5 32
5897	..do..	A. V. Bleininger.	..do.	76 40
5898	..do..	F. G. Blair.	..do.	14 65
5899	..do..	Wearcrete Engineering Co.	Laboratory supplies.	2 45
5900	..do..	L. Wolff Mfg. Co.	..do.	92 90
5901	..do..	C. S. Hill.	Tuning piano.	2 00
5902	..do..	Irving-Pitt Mfg. Co.	Printing.	17 74
5903	..do..	LaSalle Extension University.	Books.	5 54
5904	..do..	L. Sonneborn Sons, Inc.	Laboratory supplies.	5 30
5905	..do..	Alexander Harmon & Son.	Repairs and horseshoeing.	10 15
5906	..do..	W. R. Jones.	Barley.	8 12
5907	..do..	D. T. Dobbins.	Grinding oats and corn.	4 08
5908	..do..	The Chester Transfer Co.	Auto hire.	1 25
5909	..do..	J. W. Butler Paper Co.	Laboratory supplies.	102 58
5910	..do..	Twin City Bindery.	Binding.	10 00
5911	..do..	Ernst Hertzberg & Sons.	Books.	22 57
5912	..do..	Mrs. Laura B. Evans.	Traveling expenses.	101 70
5913	..do..	L. E. Knorr, Assistant Comptroller.	Rebates.	533 50
5914	Feb. 16	R. S. Zeitler.	Wages, Jan. 26 to Feb. 11, 1915.	65 00
5915	..do..	A. C. McClurg & Co.	Laboratory supplies.	3 86
5916	..do..	J. W. Butler Paper Co.	Mounting boards.	2 53
5917	..do..	Maggs Bros.	Books.	3 82
5918	..do..	University Press of Liverpool.	..do.	2 60
5919	..do..	Paul Lehmann.	..do.	17 97
5920	..do..	F. Oppenheim.	Membership of Dr. Balke to Deutsche Chemische Gesell- schaft.	19 30
5921	..do..	Ed Beyer.	Books.	42
5922	..do..	Gustav Fock.	..do.	1 32
5923	..do..	Eisenschmidt's Buchhandlung.	..do.	71 32
5924	..do..	Marshall Field & Co.	Expenses of C. D. Heller and assistant.	28 30
5925	..do..	Ernst Hertzberg & Sons.	Books.	44 35
5926	..do..	Schermerhorn Bros. Co.	Laboratory supplies.	14 70
5927	..do..	Jennings & Bewley.	Books.	25 35
5928	..do..	Eugene Dietzgen Co.	Paper.	1 65
5929	..do..	C. C. C. & St. L. Ry. Co.	Freight.	7 95
5930	..do..	The Wabash R. R. Co.	..do.	76 50
5931	..do..	C. C. C. & St. L. Ry. Co.	..do.	18 38
5932	..do..	The Illinois Central R. R. Co.	..do.	4 00
5933	..do..	Registrar of Copyrights.	Copyrights on bulletins.	3 56
5934	Feb. 17	J. E. Henderson.	Dairy office.	6 73
5935	..do..	John Jarrett.	..do.	4 06
5936	..do..	Wm. Green, Homer.	Creamery.	3 24
5937	..do..	E. M. Snyder, Homer.	..do.	7 53
5938	..do..	John Hilderbrant, Homer.	..do.	5 21
5939	..do..	F. Willets, Homer.	..do.	1 78
5940	..do..	F. Stadden, Homer.	..do.	6 14
5941	..do..	J. W. Hillard, Homer.	..do.	5 18
5942	..do..	H. Allison, Homer.	..do.	1 61
5943	..do..	Harvey Ray, Homer.	..do.	4 25
5944	..do..	T. M. Ghere, Homer.	..do.	4 26
5945	..do..	Andrew Shields, Dewey.	..do.	4 32
5946	..do..	J. H. Evans, Dewey.	..do.	3 52
5947	..do..	G. G. Cochran, Dewey.	..do.	5 30
5948	..do..	R. H. McAlister, Muncie.	..do.	3 07
5949	..do..	S. G. Richards, Muncie.	..do.	1 98
5950	..do..	Robert Childers, Ogden.	..do.	5 05
5951	..do..	Daniel Hahn, Ogden.	..do.	5 33
5952	..do..	H. Cherry, Ogden.	..do.	5 69
5953	..do..	Joseph Mouron, Rantoul.	..do.	2 30
5954	..do..	Coon Bros., Rantoul.	..do.	3 84
5955	..do..	Fay Saddler, Fithian.	..do.	4 53
5956	..do..	T. H. Palmer, Fithian.	..do.	10 23
5957	..do..	Macy Bros., Fithian.	..do.	3 47
5958	..do..	J. H. Rutan, Fithian.	..do.	5 08
5959	..do..	Guy Hobick, Fithian.	..do.	4 73
5960	..do..	Mary Warner, Mahomet.	..do.	5 13
5961	..do..	W. L. Davis, Mahomet.	..do.	3 41
5962	..do..	S. Lee Cox, Oakwood.	..do.	4 03
5963	..do..	M. Cherry, St. Joseph.	..do.	2 00
5964	..do..	The Editor & Publisher & Journalist.	Subscription.	

## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
1915				
5965	Feb. 17	J. W. Butler Paper Co.	Laboratory supplies.	\$ 92 22
5966	do.	C. H. Besly & Co.	do.	24 91
5967	do.	Hoskins Mfg. Co.	do.	3 92
5968	do.	L. E. Knorr, Assistant Comptroller.	Student labor.	8 80
5969	do.	L. E. Knorr, Assistant Comptroller.	General labor.	68 94
5970	do.	L. E. Knorr, Assistant Comptroller.	Rebates to students.	259 50
5971	Feb. 22	Robert Graham.	Dairy office.	7 78
5972	do.	John McCullough.	do.	2 97
5973	do.	E. Grove.	do.	5 64
5974	do.	Ralph Smith.	do.	5 39
5975	do.	R. A. Lumsden.	do.	3 66
5976	do.	E. J. Percival.	do.	4 28
5977	do.	David Wilkins.	do.	5 36
5978	do.	R. S. McInnes.	do.	1 70
5979	do.	O. A. McInnes.	do.	4 06
5980	do.	C. C. Gordon.	do.	6 91
5981	do.	Geo. Schiff.	do.	4 28
5982	do.	C. R. Beavers, Homer.	Creamery.	5 70
5983	do.	M. B. Allen, Homer.	do.	4 12
5984	do.	Fritz Schweineke, Homer.	do.	5 52
5985	do.	A. G. Krukewitz, Homer.	do.	4 12
5986	do.	W. E. Yount, Homer.	do.	4 37
5987	do.	J. A. Morgan, Homer.	do.	3 97
5988	do.	E. R. Canady, Homer.	do.	4 84
5989	do.	W. J. Downing, Ogden.	do.	4 53
5990	do.	W. J. Wilson, Ogden.	do.	1 92
5991	do.	G. E. Giddings, Ogden.	do.	5 95
5992	do.	P. J. Wagner, Ogden.	do.	9 36
5993	do.	James Fisher, Ogden.	do.	4 53
5994	do.	Wm. Case, Ogden.	do.	4 96
5995	do.	Bert Barber, Mahomet.	do.	2 58
5996	do.	Frank Knox, Mahomet.	do.	5 13
5997	do.	Frank Knox, Mahomet.	do.	3 05
5998	do.	C. A. Fogel, Mahomet.	do.	2 99
5999	do.	C. E. Smoot, Fithian.	do.	4 03
6000	do.	James Freeman, Fithian.	do.	7 75
6001	do.	J. D. Pulliam, Fithian.	do.	4 69
6002	do.	John Rueb, Fithian.	do.	4 28
6003	do.	Frank Kuder, St. Joseph.	do.	2 48
6004	do.	Chas. Wagner, St. Joseph.	do.	5 39
6005	do.	John Cornett, St. Joseph.	do.	3 19
6006	do.	Geo. Davis, Muncie.	do.	3 60
6007	do.	C. C. Rayburn, Bondville.	do.	4 77
6008	do.	John Willsey, Urbana R. F. D. No. 10.	do.	4 96
6009	do.	Nicholas Hahn, Ogden, R. F. D. No. 18.	do.	5 18
6010	do.	A. R. Grindley.	Dairy office.	5 11
6011	do.	H. I. Nelson.	do.	3 19
6012	do.	E. Grove.	do.	4 15
6013	do.	G. W. Van Meter, Savoy.	Creamery.	9 64
6014	do.	C. Ross, Savoy.	do.	6 85
6015	do.	T. F. Jordan, Savoy.	do.	9 02
6016	do.	B. Jordan, Savoy.	do.	15 07
6017	do.	Earl Dickson, Fithian.	do.	3 78
6018	do.	Macy Bros., Fithian.	do.	10 20
6019	do.	Clarence Brown, Homer.	do.	4 18
6020	do.	C. E. Hopkins, Tonti.	do.	4 80
6021	do.	Hungerford Bros., Loda.	do.	4 27
6022	do.	Herman Denhart, St. Joseph.	do.	4 28
6023	do.	Coon Bros., Rantoul.	do.	4 34
6024	do.	Ralph Ridgeley, Seymour.	do.	4 26
6025	do.	John W. Grein, Broadlands.	do.	4 70
6026	do.	R. L. Meyers, Mahomet.	do.	4 32
6027	do.	T. H. Barker, Bondville.	do.	3 86
6028	do.	W. H. Stevens, Urbana.	do.	1 39
6029	do.	I. C. Wible, Ogden, R. F. D. No. 17.	do.	1 77
6030	do.	E. V. Percival, Urbana, R. F. D.	do.	5 17
6031	do.	Dr. Luther Anderson.	Course of lectures.	200 00
6032	do.	The Chester Transfer Co.	Livery hire.	1 50
6033	do.	Guy E. Marions, Secretary-Treasurer, Special Libraries Association.	Membership dues and subscription to "Special Libraries"	2 00
6034	do.	D. G. Evans.	Wages, January, 1915.	18 70
6035	do.	H. R. Richardson.	do.	16 38
6036	do.	Pantagraph Printing & Stationery Co.	Printing.	24 20
6037	do.	Edward C. Schmidt.	Traveling expenses.	38 42
6038	do.	Mr. Mollick.	Bacteriological cultures.	9 80
6039	do.	Edgar D. Coolidge.	Addressing envelopes.	2 00
6040	do.	G. E. Stechert & Co.	Books.	2 00



## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1915			
6041	Feb. 22	A. C. McClurg & Co.	Books	\$ 19 11
6042	do.	D. T. Dobbins	Grinding oats and corn	3 56
6043	do.	W. H. Browne, Secretary, College of Medicine	Sundry bills	270 07
6044	do.	J. Hammack	Dairy office	1 46
6045	do.	C. B. Smith	do	3 29
6046	do.	W. J. Collins	do	4 88
6047	do.	Cora Stacker	do	5 64
6048	do.	E. J. Percival	do	4 15
6049	do.	W. D. Rohl, Homer	Creamery	4 90
6050	do.	W. E. Satterfield, Homer	do	4 28
6051	do.	H. Allison, Homer	do	5 27
6052	do.	T. M. Ghere, Homer	do	4 09
6053	do.	Wm. Loeffer, Homer	do	4 09
6054	do.	D. Hahn, Homer	do	5 15
6055	do.	Ed. Fisher, Ogden	do	2 98
6056	do.	Wm. Case, Ogden	do	4 53
6057	do.	J. F. Frances, Fithian	do	4 71
6058	do.	John Rueb, Fithian	do	4 06
6059	do.	J. B. Skinner, Fithian	do	3 81
6060	do.	G. C. Cochran, Dewey	do	2 95
6061	do.	J. A. Daeger, Savoy	do	3 53
6062	do.	E. L. Rohlfing, Mahomet	do	3 58
6063	do.	J. W. Rayburn, Bondville	do	6 45
6064	do.	J. A. R. Koch, Mayview	do	5 05
6065	do.	F. W. Howell, Homer, R. F. D. No. 60.	do	3 29
6066	do.	J. Bickers, Urbana, R. F. D. No. 10.	do	4 12
6067	Feb. 23	Fay Sadler	Dairy office	4 12
6068	do.	E. F. Lyons	do	9 67
6069	do.	Ralph Smith	do	5 86
6070	do.	J. E. Henderson	do	3 87
6071	do.	Fred Thompson	do	3 69
6072	do.	M. B. Allen, Homer	Creamery	4 40
6073	do.	J. W. Hillard, Homer	do	6 39
6074	do.	F. Sanks, Homer	do	4 77
6075	do.	John Hilderbrant, Homer	do	6 76
6076	do.	W. L. Davis, Mahomet	do	4 88
6077	do.	J. M. Herriott, Mahomet	do	2 93
6078	do.	Pearl Hazen, Mahomet	do	3 89
6079	do.	C. A. Fogel, Mahomet	do	3 36
6080	do.	Guy Hobick, Fithian	do	4 96
6081	do.	James Freeman, Fithian	do	7 50
6082	do.	G. O. McMorris, Fithian	do	3 13
6083	do.	S. V. Mayhen, Fithian	do	5 42
6084	do.	Henry Reinhart, Dewey	do	5 50
6085	do.	R. D. Wirt, Dewey	do	3 92
6086	do.	Coon Bros., Rantoul	do	3 16
6087	do.	M. Cherry, St. Joseph	do	3 94
6088	do.	W. H. Stevens, Urbana	do	1 49
6089	do.	R. H. McAlister, Muncie	do	5 46
6090	do.	S. Lee Cox, Oakwood	do	3 60
6091	do.	Mart Watson, Fithian, R. F. D. No. 1	do	4 34
6092	do.	Otto G. Parker, Rantoul, R. F. D. No. 23.	do	5 49
6093	do.	J. Jarrett, Urbana, R. F. D. No. 8.	do	7 13
6094	do.	Miss Helen Love	Kneisel Quartet Concert, February 17, 1915.	350 00
6095	do.	Florence E. Watson	Traveling expenses	33 73
6096	do.	H. E. Cunningham	do	44 99
6097	do.	L. E. Knorr, Assistant Comptroller	Freight	64 26
6098	Feb. 24	J. W. Butler Paper Co.	100 sheets Melton Art. Photo.	5 82
6099	do.	Eberhard Faber	Pencils and penholders	91 73
6100	do.	L. E. Knorr, Assistant Comptroller	Sundry bills	73 52
6101	do.	L. E. Knorr, Assistant Comptroller	General labor	12 99
6102	do.	L. E. Knorr, Assistant Comptroller	Rebates to students	395 50
6103	do.	L. E. Knorr, Assistant Comptroller	Student labor	39 00
6104	do.	Receivers, Central Union Telephone Co.	Telephone and telegraph	55 35
6105	do.	Postal Telegraph & Cable Co.	do	5 31
6106	do.	Western Union Telegraph Co.	do	28 00
6107	do.	Western Union Telegraph Co.	do	29 70
6108	do.	Sanford Manufacturing Co.	Stamping ink and library paste	17 52
6109	do.	The Wabash R. R.	Freight	18 23
6110	do.	C. C. C. & St. L. Ry. Co.	do	35 74
6111	do.	Illinois Traction System	do	691 24
6112	do.	C. C. C. & St. L. Ry. Co.	do	2 84
6113	do.	The Wabash R. R.	do	30 54
6114	do.	C. C. C. & St. L. Ry. Co.	do	1 05
6115	do.	J. M. Hanson-Bennett Magazine Agency	Magazines	36 05
6116	do.	T. P. Lyons	Dairy office	2 67

## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
1915				
6117	Feb. 24	E. Grove	Dairy office	\$ 7 44
6118	do.	R. S. McInnes	do.	2 36
6119	do.	C. C. Gordon	do.	5 67
6120	do.	H. I. Nelson	do.	2 20
6121	do.	David Wilkins	do.	5 08
6122	do.	R. A. Lumsden	do.	6 57
6123	do.	E. J. Percival	do.	4 03
6124	do.	E. L. Martin, Homer	Creamery	4 71
6125	do.	J. H. Umbanhowar, Homer	do.	4 59
6126	do.	Lon Libka, Homer	do.	3 94
6127	do.	W. E. Yount, Homer	do.	4 15
6128	do.	F. S. Umbanhowar, Homer	do.	4 46
6129	do.	Wm. Leofler, Homer	do.	3 66
6130	do.	Ted. Lowery, Homer	do.	3 63
6131	do.	J. B. Marsh, Ogden	do.	5 86
6132	do.	N. Hahn, Ogden	do.	5 86
6133	do.	Z. Alsip, Ogden	do.	4 90
6134	do.	Wm. Case, Ogden	do.	4 53
6135	do.	J. D. Pulliam, Fithian	do.	4 18
6136	do.	J. B. Skinner, Fithian	do.	3 72
6137	do.	W. J. Kelly, Loda	do.	3 32
6138	do.	C. C. Rayburn, Bondville	do.	8 50
6139	Feb. 26	A. R. Grindley	Dairy office	4 15
6140	do.	H. Allison, Homer	Creamery	5 05
6141	do.	F. Krukewitt, Homer	do.	3 04
6142	do.	Harvey Ray, Homer	do.	1 46
6143	do.	C. R. Beavers, Homer	do.	5 39
6144	do.	Louie Wierke, Homer	do.	4 34
6145	do.	W. H. Stevens, Homer	do.	1 89
6146	do.	A. Shields, Dewey	do.	6 42
6147	do.	J. H. Evans, Dewey	do.	3 92
6148	do.	J. C. Woodin, Ogden	do.	2 48
6149	do.	H. Cherry, Ogden	do.	4 96
6150	do.	James Richard, Fithian	do.	5 64
6151	do.	Earl Plottner, Fithian	do.	3 69
6152	do.	J. F. Frances, Fithian	do.	4 65
6153	do.	C. C. Ross, Savoy	do.	5 33
6154	do.	B. Jordan, Savoy	do.	14 85
6155	do.	T. F. Jordan, Savoy	do.	7 87
6156	do.	Chas. Wagner, St. Joseph	do.	6 08
6157	do.	Mary Warner, Mahomet	do.	4 45
6158	do.	Ernst Hertzberg & Son	Books	59 48
6159	do.	C. C. C. & St. L. Ry. Co.	Freight	11 26
6160	do.	C. C. C. & St. L. Ry. Co.	do.	33 27
6161	do.	Illinois Traction System	do.	114 90
6162	do.	The Wabash R. R.	do.	171 38
6163	do.	Illinois Central R. R. Co.	do.	17 05
6164	do.	A. F. Westlund	Salary, Feb. 17-28, 1915	41 66
6165	Mar. 1	E. J. Percival	Dairy office	3 69
6166	do.	Arthur Morgan, Homer	Creamery	3 72
6167	do.	W. J. Collins, Homer	do.	4 82
6168	do.	John Giddings, Homer	do.	5 46
6169	do.	Ed. Heppe, Homer	do.	5 02
6170	do.	Fred W. Howell, Homer	do.	3 32
6171	do.	W. J. Downing, Ogden	do.	5 46
6172	do.	G. B. Giddings, Ogden	do.	4 31
6173	do.	M. Cherry, Ogden	do.	3 81
6174	do.	W. J. Wilson, Ogden	do.	1 70
6175	do.	Earl Dickson, Fithian	do.	3 78
6176	do.	John Rueb, Fithian	do.	4 25
6177	do.	Guy Hobick, Fithian	do.	4 90
6178	do.	G. W. Van Meter, Savoy	do.	9 30
6179	do.	C. A. Fogel, Mahomet	do.	3 15
6180	do.	Wm. Leischner, Milmine	do.	4 71
6181	do.	Joseph Mounts, Rantoul	do.	5 72
6182	do.	J. A. R. Koch, Mayview	do.	4 84
6183	do.	J. W. Rayburn, Bondville	do.	5 55
6184	do.	Geo. Schiff, Homer, R. F. D.	do.	3 47
6185	do.	E. J. Percival, Urbana, R. F. D.	do.	4 08
6186	do.	C. B. Smith, Urbana, R. F. D.	do.	2 17
6187	do.	Fritz Schweineke, Homer	do.	5 21
6188	do.	W. D. Rohl, Homer	do.	4 96
6189	do.	Wm. P. Walsh, Ludlow	do.	6 62
6190	do.	C. G. Patterson, Muncie	do.	5 52
6191	do.	F. Knox, Mahomet	do.	5 41
6192	do.	R. D. Wirt, Dewey, R. F. D. No. 33	do.	4 20
6193	do.	C. F. Harding	Wages, February, 1915	100 00
6194	do.	Louise Bennett	do.	45 12

## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1915			
6195	Mar. 1	Forest Mock	Wages, February, 1915	\$ 50 00
6196	do.	J. L. Simonich	do.	15 00
6197	do.	R. S. Zeitler	do.	65 00
6198	do.	L. W. Swett	do.	63 00
6199	do.	E. O. Nay	do.	16 80
6200	do.	Jas. Sedgwick	do.	3 00
6201	do.	Franklin Rubright	do.	3 30
6202	do.	R. H. Freark	do.	1 50
6203	do.	W. C. Savage	do.	1 00
6204	do.	N. B. Ames	do.	1 40
6205	do.	C. T. Olson	do.	70
6206	do.	Irma Higgins	do.	5 50
6207	do.	H. A. Branan	do.	17 25
6208	do.	F. W. Foster	do.	11 25
6209	do.	D. D. Foster	do.	13 00
6210	do.	Ben S. Harrison	do.	12 50
6211	do.	Chas. L. Ritts	do.	13 50
6212	do.	F. E. Cavette	do.	40 00
6213	do.	S. D. Harwood	do.	27 50
6214	do.	R. W. Millar	do.	22 00
6215	do.	G. A. Deveneau	do.	11 60
6216	do.	H. P. Kelley	do.	16 60
6217	do.	Mrs. F. E. McClughen	Laundry, Jan. 29, to Feb. 19.	13 08
6218	do.	Florence E. Watson	Traveling expenses	21 10
6219	do.	W. B. Day	Sundry bills	75 71
6220	do.	J. W. Butler Paper Co.	Office supplies	88 75
6221	Mar. 3	D. A. Burwash	Dairy office	1 27
6222	do.	Robt. Graham	do.	5 69
6223	do.	John McCullough	do.	5 58
6224	do.	W. J. Collins	do.	5 15
6225	do.	G. W. Runkels, Homer	Creamery	3 38
6226	do.	J. W. Hillard, Homer	do.	5 89
6227	do.	T. M. Ghere, Homer	do.	4 46
6228	do.	L. W. Krukewitt, Homer	do.	3 07
6229	do.	E. L. Martin, Homer	do.	7 35
6230	do.	M. B. Allen, Homer	do.	4 25
6231	do.	John Rueb, Fithian	do.	4 28
6232	do.	C. G. Plotner, Fithian	do.	4 90
6233	do.	Fay Sadler, Fithian	do.	3 60
6234	do.	R. H. McAlister, Muncie	do.	5 46
6235	do.	W. H. Stevens, Urbana	do.	1 61
6236	do.	S. Lee Cox, Oakwood	do.	3 25
6237	do.	F. C. Kuder, St. Joseph	do.	2 51
6238	do.	Ralph Smith	Dairy office	5 95
6239	do.	John Wilsey	do.	5 33
6240	do.	E. J. Percival	do.	4 34
6241	do.	E. F. Lyons	do.	3 60
6242	do.	R. A. Lumsden	do.	5 21
6243	do.	C. C. Gordon	do.	6 42
6244	do.	David Wilkins	do.	4 74
6245	do.	Ed. Fisher, Ogden	Creamery	3 07
6246	do.	Frank Smith, Ogden	do.	3 04
6247	do.	E. P. Ott, Ogden	do.	2 67
6248	do.	Wm. Case, Ogden	do.	4 71
6249	do.	P. J. Wagner, Ogden	do.	10 17
6250	do.	Arthur Morgan, Homer	do.	4 31
6251	do.	W. E. Yount, Homer	do.	4 59
6252	do.	C. R. Beaver, Homer	do.	5 52
6253	do.	W. E. Satterfield, Homer	do.	4 22
6254	do.	Macy Bros., Fithian	do.	10 17
6255	do.	J. B. Skinner, Fithian	do.	4 00
6256	do.	Orville J. Smith, Fithian	do.	2 51
6257	do.	James Freeman, Fithian	do.	7 69
6258	do.	Frank Reinhart, Dewey	do.	3 80
6259	do.	C. C. Rayburn, Bondville	do.	5 39
6260	do.	Chas. Wagner, St. Joseph	do.	6 08
6261	do.	Mrs. Elsie Barnes, Fithian, R. F. D. No. 1	do.	5 02
6262	do.	W. C. Welch, Urbana, R. F. D. No. 12	do.	3 78
6263	do.	John Jarrett, Urbana, R. F. D.	do.	6 04
6264	do.	L. E. Knorr, Assistant Comptroller	Student labor	21 10
6265	do.	L. E. Knorr, Assistant Comptroller	Sundry bills	47 23
6266	do.	L. E. Knorr, Assistant Comptroller	Rebates	279 25
6267	Mar. 4	H. W. Holland	Wages, February, 1915	25 50
6268	do.	E. G. Johnson	do.	34 60
6269	do.	H. Jessen	do.	30 25
6270	do.	C. Jessen	do.	26 00
6271	do.	A. C. Hammond	do.	23 60
6272	do.	Floyd Carter	do.	19 80

## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
6273	Mar. 4 1915	L. C. McCaskill.	Wages, February, 1915.	\$11 80
6274	do.	H. M. Harper.	do.	22 60
6275	do.	H. H. Harris.	do.	11 90
6276	do.	S. A. Walser.	do.	15 80
6277	do.	Olena Adams.	do.	3 80
6278	do.	Harriet Berninger.	do.	12 60
6279	do.	Irina Houser.	do.	8 40
6280	do.	H. W. Kaup.	do.	4 40
6281	do.	R. H. Brooks.	do.	13 70
6282	do.	C. C. Fork.	do.	36 25
6283	do.	C. M. Lindsay.	do.	15 09
6284	do.	J. K. Ertum.	do.	21 75
6285	do.	E. F. Holman.	do.	13 70
6286	do.	L. A. Canaday.	do.	10 40
6287	do.	Alcee Dietzer.	do.	6 90
6288	do.	Grace Geier.	do.	11 10
6289	do.	Edna Milzen.	do.	14 60
6290	do.	O. W. Allen.	do.	21 80
6291	do.	A. C. Erdahl.	do.	16 60
6292	do.	Mary Pringle.	do.	9 20
6293	do.	Olave Paine.	do.	16 70
6294	do.	Mary Henry.	do.	2 80
6295	do.	L. D. Bunting.	do.	20 40
6296	do.	Russell Castle.	do.	25 50
6297	do.	Alcee Dietz.	do.	9 60
6298	do.	Arthur Mason.	do.	2 00
6299	do.	A. P. Ertum.	do.	12 50
6300	do.	C. P. Barkman.	do.	16 00
6301	do.	J. H. Gaskman.	do.	21 20
6302	do.	Mildred Elder.	do.	2 80
6303	do.	Myrtle Huey.	do.	4 40
6304	do.	A. H. Leoz.	do.	4 00
6305	do.	Gladys Leonard.	do.	13 90
6306	do.	Newton Romero.	do.	6 70
6307	do.	J. C. Larson.	do.	16 25
6308	do.	A. H. Burger.	do.	11 80
6309	do.	B. O. Mills.	do.	6 00
6310	do.	W. R. Morrison.	do.	6 10
6311	do.	E. U. Ruge.	do.	25 51
6312	do.	C. E. Ruggan.	do.	23 50
6313	do.	Boyd Teeters.	do.	1 7 30
6314	do.	H. M. Thunston.	do.	11 92
6315	do.	Ralph P. Brown.	do.	28 65
6316	do.	E. W. Mattison.	do.	60 00
6317	do.	A. C. Hoffman.	do.	22 50
6318	do.	B. M. Kisselburg.	do.	16 25
6319	do.	G. W. Salisbury.	do.	12 25
6320	do.	Mildred Dunke.	do.	36 60
6321	do.	Grace E. Malsbary.	do.	24 24
6322	do.	W. E. Cunnamin.	do.	21 00
6323	do.	Elliott Billman.	do.	11 60
6324	do.	J. H. Hinshaw.	do.	11 00
6325	do.	J. L. Hamore.	do.	10 00
6326	do.	C. R. Patterson.	do.	2 20
6327	do.	Geo. W. Duncan.	do.	15 20
6328	do.	Ralph M. Netz.	do.	19 75
6329	do.	R. T. Harvey.	do.	25 62
6330	do.	W. R. Jones.	do.	4 40
6331	do.	W. C. Kolmer.	do.	29 55
6332	do.	Fred Isegitt.	do.	14 75
6333	do.	W. T. Martin.	do.	9 70
6334	do.	T. H. Lloyd.	do.	32 20
6335	do.	J. L. Munson.	do.	5 25
6336	do.	C. L. Trowbridge.	do.	33 85
6337	do.	Fred Dale.	do.	16 15
6338	do.	Herman Dale.	do.	21 70
6339	do.	Bot. English.	do.	12 40
6340	do.	Ivan Gill.	do.	8 80
6341	do.	S. A. Kellog.	do.	2 80
6342	do.	John Lamb, Jr.	do.	3 60
6343	do.	Raymond Reese.	do.	11 00
6344	do.	M. R. Davis.	do.	33 50
6345	do.	F. W. Farley.	do.	35 85
6346	do.	G. C. Holman.	do.	12 40
6347	do.	H. B. Ingalls.	do.	7 20
6348	do.	S. C. Stemp.	do.	1 00
6349	do.		do.	28 25
6350	do.		do.	

## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1915			
6351	Mar. 4	S. R. Farah.....	Wages, February, 1915.....	\$ 13 80
6352	do.	R. E. McDowell.....	do.....	17 50
6353	do.	S. K. Roy.....	do.....	13 40
6354	do.	Frank Leggett.....	do.....	20 20
6355	do.	L. E. Voorhees.....	do.....	20 00
6356	do.	E. E. Warner.....	do.....	10 25
6357	do.	G. H. Lindsey.....	do.....	26 40
6358	do.	John Ascherman.....	do.....	50 00
6359	do.	W. M. Atwell.....	do.....	61 11
6360	do.	J. E. Bailey.....	do.....	57 12
6361	do.	V. R. Barnes.....	do.....	86 00
6362	do.	M. C. Booher.....	do.....	44 80
6363	do.	A. J. Booker.....	do.....	64 00
6364	do.	Geo. Boyer.....	do.....	54 21
6365	do.	John Brannigan.....	do.....	71 05
6366	do.	J. E. Browning.....	do.....	56 00
6367	do.	Harry Brown.....	do.....	57 54
6368	do.	Basil Brown.....	do.....	67 68
6369	do.	D. M. Bullock.....	do.....	63 48
6370	do.	Thos. Butler.....	do.....	58 88
6371	do.	Karl Cagan.....	do.....	56 47
6372	do.	Rolla S. Carson.....	do.....	53 80
6373	do.	J. Cassidy.....	do.....	45 60
6374	do.	Jas. Casad.....	do.....	120 00
6375	do.	Bert Clark.....	do.....	54 00
6376	do.	J. H. Cheever.....	do.....	49 80
6377	do.	Frank Clancy.....	do.....	108 00
6378	do.	Harry Clifford.....	do.....	75 60
6379	do.	A. L. Collins.....	do.....	54 80
6380	do.	B. T. Cracker.....	do.....	56 60
6381	do.	J. D. Craig.....	do.....	25 60
6382	do.	F. Crathorne.....	do.....	77 02
6383	do.	Roy Crawford.....	do.....	42 10
6384	do.	Frank Cunningham.....	do.....	93 50
6385	do.	Frank Crump.....	do.....	61 80
6386	do.	Jos. Davis.....	do.....	62 37
6387	do.	Orra Davis.....	do.....	60 60
6388	do.	C. A. Dunseth.....	do.....	54 40
6389	do.	B. F. English.....	do.....	62 56
6390	do.	M. Feigner.....	do.....	52 20
6391	do.	Thos. J. Fay.....	do.....	86 80
6392	do.	Herman Fechttruph.....	do.....	56 40
6393	do.	Fred Fender.....	do.....	80 40
6394	do.	Louis Fender.....	do.....	60 94
6395	do.	J. C. Fiscus.....	do.....	35 20
6396	do.	J. J. Fiscus.....	do.....	63 48
6397	do.	Felix Fox.....	do.....	56 40
6398	do.	Guy Fox.....	do.....	59 66
6399	do.	Frank Fogarty.....	do.....	48 72
6400	do.	Wm. Fogarty.....	do.....	49 60
6401	do.	C. Y. Freeman.....	do.....	54 81
6402	do.	F. T. Franklin.....	do.....	56 91
6403	do.	V. S. Glenn.....	do.....	49 60
6404	do.	W. H. Graybeal.....	do.....	58 80
6405	do.	A. Glawe.....	do.....	38 40
6406	do.	Chas. Gundlock.....	do.....	76 80
6407	do.	Sell Hamlin.....	do.....	48 00
6408	do.	Samuel Hanson.....	do.....	64 00
6409	do.	E. J. Hargan.....	do.....	57 81
6410	do.	L. T. Heinz.....	do.....	54 00
6411	do.	Chas. Hill.....	do.....	84 80
6412	do.	W. G. Hixon.....	do.....	47 60
6413	do.	Harry Higgins.....	do.....	74 40
6414	do.	F. F. Hoover.....	do.....	57 86
6415	do.	Ross Hutton.....	do.....	66 93
6416	do.	F. M. Irvine.....	do.....	66 96
6417	do.	Jas. Irvine.....	do.....	49 98
6418	do.	A. L. Johnson.....	do.....	53 20
6419	do.	C. C. Johnson.....	do.....	58 38
6420	do.	E. Johns.....	do.....	55 20
6421	do.	E. W. Justus.....	do.....	108 00
6422	do.	Timothy Kenney.....	do.....	67 25
6423	do.	J. A. J. Klien.....	do.....	64 68
6424	do.	Otto Kreigl.....	do.....	25 80
6425	do.	Fred Langhoff.....	do.....	60 95
6426	do.	A. Langhoff.....	do.....	73 45
6427	do.	A. C. Litton.....	do.....	62 37
6428	do.	J. F. Long.....	do.....	68 04

## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
6429	Mar. 4 1915	Thos. Long	Wages, February, 1915.	\$ 80 19
6430	do.	H. H. Mahoney	do.	66 47
6431	do.	Thurman Mathews	do.	50 60
6432	do.	O. L. Mendenhall	do.	47 60
6433	do.	Dan Menedy	do.	58 88
6434	do.	C. M. Miller	do.	52 92
6435	do.	J. H. Miller	do.	81 00
6436	do.	D. L. Moody	do.	57 60
6437	do.	P. O. Moore	do.	39 95
6438	do.	Rebecca Morgan	do.	62 75
6439	do.	A. Moran	do.	56 12
6440	do.	Jesse Myers	do.	58 64
6441	do.	A. J. McAlister	do.	57 20
6442	do.	Jas. McChlough	do.	49 80
6443	do.	B. F. McDaniel	do.	53 80
6444	do.	W. J. McFadden	do.	46 40
6445	do.	Wm. McFarland	do.	79 80
6446	do.	Carl Neblcock	do.	58 80
6447	do.	J. K. Newlon	do.	56 90
6448	do.	C. M. Oils	do.	57 20
6449	do.	R. A. Fairleyman	do.	50 40
6450	do.	Nick Peterson	do.	79 80
6451	do.	S. A. Porter	do.	49 30
6452	do.	J. R. Purkins	do.	55 14
6453	do.	Gilbert Robbins	do.	50 16
6454	do.	Ed. Richards	do.	92 18
6456	do.	G. Kittenhouse	do.	47 70
6457	do.	Mary Ryan	do.	38 15
6458	do.	Martin Sandwell	do.	64 40
6459	do.	A. Seelys	do.	112 70
6460	do.	W. J. Smith	do.	54 00
6461	do.	Lloyd Snick	do.	49 98
6462	do.	J. C. Snider	do.	64 40
6463	do.	A. C. Speedie	do.	62 04
6464	do.	Frank Steteler	do.	54 81
6465	do.	L. M. Stearns	do.	70 00
6466	do.	Chas. Stratton	do.	58 50
6467	do.	Ym. Strum	do.	79 50
6468	do.	Ym. Temple	do.	53 80
6470	do.	I. F. Thompson	do.	61 81
6471	do.	Geo. Toy	do.	63 48
6472	do.	Geo. Tye	do.	64 86
6473	do.	O. Titterback	do.	53 20
6474	do.	I. H. Vandeventer	do.	62 80
6475	do.	A. Warmber	do.	76 80
6476	do.	P. P. Walters	do.	35 80
6477	do.	Ed. Wharmby	do.	54 60
6479	do.	Wesley Wilson	do.	65 55
6480	do.	Frank Wiliz	do.	67 20
6481	do.	Amos Wlicht	do.	85 00
6482	do.	Wm. Wilde	do.	76 80
6483	do.	Walter Winger	do.	86 80
6484	do.	A. O. Magnuson	do.	56 00
6485	do.	Kelsey B. Gardner	do.	80 00
6486	do.	Agnes A. Wagner	do.	65 00
6487	do.	Leigh Hunt	do.	40 00
6488	do.	Ass. Egelston	do.	39 60
6489	do.	Mande Campbell	do.	24 48
6490	do.	Ida Luther	do.	49 75
6491	do.	A. J. Nickerson	do.	47 00
6492	do.	Reuben V. Peterson	do.	60 00
6493	do.	M. C. Weaver	do.	4 50
6494	do.	I. W. Rhinesmith	do.	72 00
6495	do.	Fred Wilde	do.	47 85
6496	do.	Mark Small	do.	59 50
6497	do.	H. P. Grieson	do.	60 00
6498	do.	Max Ruth	do.	11 20
6499	do.	S. C. Pung	do.	22 20
6500	do.	Mrs. May Kramer	do.	8 60
6501	do.	Marion E. Sparks	do.	45 00
6502	do.	Hazel L. Rock	do.	60 00
6503	do.	A. L. Shriver	do.	50 00
6504	do.	John Coduskey	do.	51 92
6505	do.	do.	do.	71 28

## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1915			
6506	Mar. 4	Dr. Frank B. Earle.....	Copy of trust deed given by College of Physicians and Surgeons	\$ 3 45
6507	do.	William Trelease.....	Laboratory supplies.....	6 42
6508	do.	Pantagraph Printing & Stationery Co.	Printing.....	50 84
6509	Mar. 5	John W. Ruskin.....	Exhibitions of "How Wild Animals Live"	100 00
6510	do.	Bertram Abney.....	Wages, Jan. 26, to Feb. 28, 1915	68 00
6511	do.	Chas. M. Webber, Postmaster	Money advanced for postage.	50 00
6512	do.	S. A. Braley.....	Balance of salary, February, 1915.	15 00
6513	do.	F. W. Footitt.....	do.	20 00
6514	do.	F. E. Rowland.....	Salary, February, 1915	10 00
6515	do.	O. A. Lansche.....	Wages, February, 1915	11 80
6516	do.	D. G. Evans.....	do.	26 20
6517	do.	R. H. Richardson.....	do.	32 75
6518	do.	Albert Bradford.....	Salary, February, 1915	90 00
6519	do.	H. E. Cunningham.....	Traveling expenses.....	11 79
6520	do.	J. E. Henderson.....	Dairy office.....	3 84
6521	do.	Fred Thompson.....	do.	2 91
6522	do.	E. Grove.....	do.	10 97
6523	do.	Wm. Leoffler, Homer.....	Creamery.....	4 28
6524	do.	H. Allison, Homer.....	do.	5 42
6525	do.	Wm. Green, Homer.....	do.	3 72
6526	do.	Nicholas Hahn, Homer.....	do.	5 30
6527	do.	Daniel Hahn, Ogden.....	do.	5 52
6528	do.	A. E. Hayes, Ogden.....	do.	2 43
6529	do.	C. E. Ross, Savoy.....	do.	6 85
6530	do.	B. Jordan, Savoy.....	do.	15 25
6531	do.	T. F. Jordan, Savoy.....	do.	7 63
6532	do.	J. H. Evans, Dewey.....	do.	3 55
6533	do.	Henry Reinhart, Dewey.....	do.	5 35
6534	do.	J. M. Herriott, Mahomet.....	do.	2 93
6535	do.	R. L. Meyers, Mahomet.....	do.	3 96
6536	do.	Guy Hobick, Fithian.....	do.	4 74
6537	do.	W. L. Davis, Fisher.....	do.	3 46
6538	do.	S. T. Carter, Seymour.....	do.	4 01
6539	do.	John Ridgeley, White Heath.....	do.	3 38
6540	do.	S. G. Richards, Muncie.....	do.	1 55
6541	do.	Hungerford Bros., Loda.....	do.	4 96
6542	do.	Lucas Duffner, Farmer City.....	do.	6 01
6543	do.	I. C. Wible, Ogden, R. F. D. No. 17.....	do.	1 86
6544	do.	W. E. Womachs, Ogden, R. F. D. No. 18.....	do.	3 25
6545	do.	A. E. Grindley.....	Dairy office.....	4 00
6546	do.	T. P. Lyons.....	do.	1 49
6547	do.	H. I. Nelson.....	do.	3 48
6548	do.	E. J. Percival.....	do.	4 65
6549	do.	T. H. Green, Homer.....	Creamery.....	4 00
6550	do.	Ed. Smith, Homer.....	do.	3 91
6551	do.	T. M. Ghers, Homer.....	do.	4 65
6552	do.	F. Stadden, Homer.....	do.	3 72
6553	do.	J. B. Marsh, Ogden.....	do.	5 27
6554	do.	W. J. Wilson, Ogden.....	do.	1 53
6555	do.	H. Cherry, Ogden.....	do.	4 84
6556	do.	F. Elliott, Ogden.....	do.	3 10
6557	do.	W. J. Downing, Ogden.....	do.	5 36
6558	do.	Lon Libka, Ogden.....	do.	3 56
6559	do.	Z. Alsip, Ogden.....	do.	5 05
6560	do.	J. P. Pulliam, Fithian.....	do.	4 53
6561	do.	G. G. Cochran, Dewey.....	do.	3 36
6562	do.	Wm. P. Walsh, Ludlow.....	do.	6 37
6563	do.	J. A. R. Koch, Mayview.....	do.	5 27
6564	do.	M. Cherry, St. Joseph.....	do.	3 84
6565	Mar. 8	C. C. Younglove.....	Wages, February, 1915.....	11 30
6566	do.	Ed. Lerch.....	do.	24 25
6567	Mar. 10	F. Grimm, Savanna.....	Creamery.....	29
6568	do.	Richmond Bros., Waterman.....	do.	2 90
6569	do.	F. Szerlong, Camp Point.....	do.	1 21
6570	do.	H. W. VanDyke, Manito.....	do.	6 09
6571	do.	A. J. Spohn, Morrison.....	do.	9 57
6572	do.	Corn Belt Creamery, Bloomington.....	do.	8 33
6573	do.	Monmouth Creamery, Monmouth.....	do.	5 49
6574	do.	Ralph Smith.....	Dairy office.....	5 95
6575	do.	W. J. Collins.....	do.	4 88
6576	do.	C. B. Smith.....	do.	2 00
6577	do.	M. B. Allen, Homer.....	Creamery.....	4 71
6578	do.	J. W. Hillard, Homer.....	do.	6 11
6579	do.	C. C. Brown, Homer.....	do.	4 96
6580	do.	W. H. Stevens, Homer.....	do.	1 15
6581	do.	Ed. Heppe, Homer.....	do.	4 67

## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
1915				
6582	Mar. 10	F. W. Howell, Homer.	Creamery.	\$ 3 87
6583	do.	Frank Knox, Mahomet.	do.	5 07
6584	do.	C. A. Fogel, Mahomet.	do.	3 11
6585	do.	S. V. Mayhen, Fithian.	do.	4 09
6586	do.	C. G. Plottner, Fithian.	do.	5 36
6587	do.	John Rueb, Fithian.	do.	3 94
6588	do.	Herman Denhart, St. Joseph.	do.	3 10
6589	do.	F. Kuder, St. Joseph.	do.	2 51
6590	do.	Geo. Davis, Muncie.	do.	3 25
6591	do.	G. W. VanMeter, Savoy.	do.	9 80
6592	do.	T. H. Barker, Bondville.	do.	1 87
6593	do.	John Jarrett, Urbana, R. F. D.	do.	6 08
6594	do.	Mart Watson, Fithian, R. F. D.	do.	4 28
6595	do.	W. L. Abbott.	Office expense, February, 1915.	7 12
6596	do.	Florence E. Watson.	Traveling expenses.	27 79
6597	do.	L. E. Knorr, Acting Comptroller.	Express.	45 60
6598	do.	L. E. Knorr, Acting Comptroller.	do.	50 98
6599	do.	J. W. Butler Paper Co.	Office supplies.	206 96
6600	do.	L. E. Knorr, Acting Comptroller.	Rebates to students.	130 00
6601	do.	L. E. Knorr, Acting Comptroller.	Sundry bills.	21 03
6602	do.	Illinois Traction System.	Freight.	429 58
6603	do.	C. C. & St. L. Ry. Co.	do.	7 55
6604	do.	The Wabash R. R.	do.	166 12
6605	do.	C. C. & St. L. Ry. Co.	do.	50 00
6606	do.	C. C. & St. L. Ry. Co.	do.	71 44
6607	do.	Illinois Central R. R. Co.	do.	81 45
6608	do.	Gustav Fock.	Books.	12 78
6609	do.	J. Terquem.	do.	9 75
6610	do.	Pickering & Chatto.	do.	8 60
6611	do.	Institute International D' Agriculture.	do.	23 53
6612	do.	Dr. Hans Lohrer.	do.	2 08
6613	do.	H. Sydor.	do.	28 43
6614	do.	John Davis.	do.	7 54
6615	do.	Bernard Quaritch.	do.	3 22
6616	do.	Hodges, Figgis & Co., Ltd.	do.	142 07
6617	do.	Museum Book Store.	do.	36 15
6618	do.	The Institution of Mechanical Engineers.	Pamphlets.	20 70
6619	do.	F. E. Becker & Co.	Safety detaching hook.	1 35
6620	do.	Steel & Lawson.	Laboratory supplies.	2 85
6621	do.	Edouard Champion.	Books.	470 00
6622	do.	E. J. Percival.	Dairy office.	117 00
6623	do.	R. A. Lumsden.	do.	1 77
6624	do.	David Wilkins.	do.	4 90
6625	do.	C. C. Gordon.	do.	4 62
6626	do.	E. Grove.	do.	5 15
6627	do.	Wm. Leofler, Homer.	Creamery.	7 90
6628	do.	G. W. Runkels, Homer.	do.	3 47
6629	do.	Ted. Lowery, Homer.	do.	3 60
6630	do.	W. D. Rohl, Homer.	do.	3 53
6631	do.	W. E. Womacks, Ogden.	do.	5 55
6632	do.	Wm. Case, Ogden.	do.	3 07
6633	do.	J. C. Woodsin, Ogden.	do.	5 77
6634	do.	James Fisher, Ogden.	do.	3 41
6635	do.	Nicholas Hahn, Ogden.	do.	4 28
6636	do.	D. Hahn, Ogden.	do.	4 90
6637	do.	G. B. Giddings, Ogden.	do.	5 42
6638	do.	E. L. Rohlfing, Mahomet.	do.	4 31
6639	do.	Pearl Hazen, Mahomet.	do.	3 86
6640	do.	Mary Warner, Mahomet.	do.	2 56
6641	do.	J. B. Skinner, Fithian.	do.	4 39
6642	do.	Macy Bros., Fithian.	do.	2 76
6643	do.	Earl Dickson, Fithian.	do.	9 86
6644	do.	Fay Sadler, Fithian.	do.	3 60
6645	do.	C. E. Smoot, Fithian.	do.	3 69
6646	do.	S. Lee Cox, Oakwood.	do.	4 22
6647	do.	R. H. McAlister, Muncie.	do.	3 44
6648	do.	Ralph Ridgeley, Seymour.	do.	5 52
6649	do.	J. W. Rayburn, Bondville.	do.	3 59
6650	do.	Chas. Wagner, St. Joseph.	do.	6 23
6651	do.	E. Vincent Percival, Urbana, R. F. D.	do.	5 02
6652	do.	W. C. Welch, Urbana, R. F. D. No. 12.	do.	9 04
6653	do.	E. A. Smith, Urbana, R. F. D. No. 12.	do.	3 69
6654	do.	E. P. Grove, Urbana, R. F. D. No. 10.	do.	2 86
6655	Mar. 11	F. W. Graves.	Wages, February, 1915.	4 96
6656	do.	R. L. Castle.	do.	35 62
6657	do.	W. H. Kane.	do.	30 25
				3 10



## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1915			
6658	Mar. 11	S. M. Trumbo.	Wages, February, 1915.	\$ 4 88
6659	..do..	William A. Barber.	Railroad fare to Champaign.	32 60
6660	..do..	National Blank Book Co.	Office supplies.	7 94
6661	..do..	J. W. Butler Paper Co.	..do.	1 26
6662	Mar. 12	H. Allison, Homer.	Creamery.	5 16
6663	..do..	Geo. Schiff, Homer.	..do.	3 66
6664	..do..	Fritz Schweineke, Homer.	..do.	5 49
6665	..do..	E. L. Martin, Homer.	..do.	6 99
6666	..do..	T. M. Ghere, Homer.	..do.	4 44
6667	..do..	Andrew Shields, Dewey.	..do.	4 00
6668	..do..	G. G. Cochran, Dewey.	..do.	3 43
6669	..do..	R. D. Wirt, Dewey.	..do.	3 97
6670	..do..	C. E. Ross, Savoy.	..do.	4 56
6671	..do..	T. F. Jordan, Savoy.	..do.	6 04
6672	..do..	B. Jordan, Savoy.	..do.	18 60
6673	..do..	J. F. Frances, Fithian.	..do.	4 38
6674	..do..	Mrs. L. A. Peters, Fithian.	..do.	3 54
6675	..do..	Guy Hobick, Fithian.	..do.	5 73
6676	..do..	James Freeman, Fithian.	..do.	5 70
6677	..do..	W. L. Davis, Mahomet.	..do.	6 02
6678	..do..	R. L. Meyers, Mahomet.	..do.	4 12
6679	..do..	J. W. Rhoades, Fisher.	..do.	4 72
6680	..do..	Coon Bros., Rantoul.	..do.	5 34
6681	..do..	Hungerford Bros., Loda.	..do.	5 17
6682	..do..	Wm. P. Walsh, Ludlow.	..do.	6 40
6683	..do..	John W. Grein, Sidney.	..do.	5 22
6684	..do..	Champaign Ice Cream Co., Champaign.	..do.	3 42
6685	..do..	R. B. Hubbard, Monticello, R. F. D. No. 4.	..do.	4 23
6686	Mar. 15	L. C. Bernard.	Drafting, Feb. 1 to 15.	25 90
6687	..do..	J. W. Butler Paper Co.	Office supplies.	25 47
6688	..do..	Pantagraph Printing & Stationery Co.	Printing.	170 04
6689	..do..	E. J. Percival.	Dairy office.	3 95
6690	..do..	R. T. Lumsden, Champaign, R. F. D. No. 4.	Creamery.	3 13
6691	..do..	J. E. Henderson.	Dairy office.	3 06
6692	..do..	H. I. Nelson.	..do.	5 29
6693	..do..	Hartley Shields, Dewey.	..do.	2 80
6694	..do..	John McCullough.	Dairy office.	5 59
6695	..do..	W. E. Yount, Homer.	Creamery.	4 38
6696	..do..	J. A. R. Koch, Mayview.	..do.	4 71
6697	..do..	A. G. Krukewitt, Homer.	..do.	5 16
6698	..do..	John Gidding, Homer.	..do.	3 99
6699	..do..	C. C. Rayburn, Bondville.	..do.	6 60
6700	..do..	Ed. Fisher, Ogden.	..do.	3 99
6701	..do..	F. W. Howell, Homer.	..do.	3 57
6702	..do..	J. H. Umbanhowar, Homer.	..do.	3 42
6703	..do..	Mrs. J. H. Rutan, Fithian.	..do.	2 49
6704	..do..	W. E. Satterfield, Homer.	..do.	4 14
6705	..do..	C. A. Fogel, Mahomet.	..do.	3 10
6706	..do..	Wm. Case, Ogden.	..do.	4 80
6707	..do..	John Engelhardt.	Dairy office.	19 92
6708	..do..	F. W. C. Hersey.	Lecture.	50 00
6709	..do..	L. E. Knorr, Acting Comptroller.	Sundry bills.	86 56
6710	..do..	Mary E. Busey.	Traveling expenses.	14 20
6711	..do..	Harry Biestle.	Rebates of matriculation.	5 00
6712	..do..	L. E. Knorr, Acting Comptroller.	Rebates to students.	152 50
6713	..do..	L. E. Knorr, Acting Comptroller.	General labor.	16 62
6714	..do..	L. E. Knorr, Acting Comptroller.	Express.	68 11
6715	..do..	H. A. Hollister.	Traveling expenses.	24 09
6716	Mar. 16	Ed. Lyons.	Dairy office.	4 14
6717	..do..	Ralph Smith.	..do.	5 55
6718	..do..	W. J. Collins.	..do.	4 11
6719	..do..	Pearl Hazen, Mahomet.	Creamery.	2 38
6720	..do..	J. M. Herriott, Mahomet.	..do.	2 98
6721	..do..	Mrs. Elsie Barnes, Fithian.	..do.	4 11
6722	..do..	Mart. Watson, Fithian.	..do.	5 28
6723	..do..	J. H. Evans, Dewey.	..do.	2 80
6724	..do..	C. R. Beavers, Homer.	..do.	4 80
6725	..do..	G. W. VanMeter, Savoy.	..do.	7 62
6726	..do..	P. J. McKinney, Ogden.	..do.	2 40
6727	..do..	R. B. Hubbard, Monticello.	..do.	3 18
6728	Mar. 17	L. E. Knorr, Acting Comptroller.	Traveling expenses.	11 94
6729	..do..	Illinois Central R. R. Co.	Freight.	9 19
6730	..do..	C. C. C. & St. L. Ry. Co.	..do.	41 16
6731	..do..	The Wabash R. R.	..do.	12 07
6732	..do..	Henry B. Ward.	Traveling expenses.	10 24
6733	..do..	John McCullough.	Dairy office.	6 51
6734	..do..	F. Thompson.	..do.	2 70
6735	..do..	E. J. Percival.	..do.	3 78

## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
1915				
6736	Mar. 17	David Wilkins	Dairy office	\$ 4 29
6737	do.	Eli P. Grove	do	4 68
6738	do.	E. Grove	do	7 44
6739	do.	R. S. McInnes	do	2 96
6740	do.	C. C. Gordon	do	4 74
6741	do.	R. T. Lumsden	do	3 63
6742	do.	R. A. Lumsden	do	4 92
6743	do.	J. A. Morgan, Homer	Creamery	4 26
6744	do.	M. B. Allen, Homer	do	4 74
6745	do.	J. W. Hillard, Homer	do	5 46
6746	do.	Ed. Heppe, Homer	do	4 32
6747	do.	H. Cherry, Ogden	do	4 56
6748	do.	W. J. Downing, Ogden	do	4 80
6749	do.	Nicholas Hahn, Ogden	do	4 20
6750	do.	P. J. Wagner, Ogden	do	9 39
6751	do.	J. B. Marsh, Ogden	do	5 49
6752	do.	D. Hahn, Ogden	do	4 44
6753	do.	W. E. Womacks, Ogden	do	3 09
6754	do.	John Rueb, Fithian	do	5 37
6755	do.	Fay Sadler, Fithian	do	3 33
6756	do.	J. D. Pulliam, Fithian	do	4 20
6757	do.	Orville J. Smith, Fithian	do	3 63
6758	do.	J. B. Skinner, Fithian	do	3 58
6759	do.	E. D. Wirt, Fithian	do	4 30
6760	do.	E. R. Lape, Fisher	do	3 70
6761	do.	R. H. McAlister, Mumc	do	5 10
6762	do.	J. W. Rayburn, Bondville	do	5 58
6763	do.	Chas. Wagner, St. Joseph	do	4 26
6764	do.	J. Jarrett, Urbana, R. F. D.	do	6 06
6765	do.	E. A. Smith, Urbana, R. F. D.	do	2 82
6766	do.	W. C. Welch, Urbana, R. F. D. No. 12.	do	2 73
6767	do.	John W. Willsey, Urbana, R. F. D. No. 10.	do	4 26
6768	Mar. 18	Willis Leriche	Wages, February, 1915	58 20
6769	do.	Wells, Fargo & Co.	Express	130 47
6770	Mar. 19	Pantagraph Printing & Stationery Co.	Printing	4 72
6771	do.	Daniel Vaubel	Cutting stencils	28 00
6772	do.	Daniel Vaubel	Mimeographing	12 00
6773	do.	P. W. Ott	Mimeographing and typewriting	17 67
6774	do.	Jessie J. Kile	Traveling expenses	13 20
6775	do.	Illinois State Reformatory	Printing circulars	180 85
6776	do.	H. E. Cunningham	Salary as Secretary Board of Trustees for the year ending Feb. 28.	500 00
6777	do.	Allen F. Moore	Traveling expenses	23 90
6778	do.	L. E. Knorr, Acting Comptroller	Student labor	636 36
6779	do.	E. L. Martin, Homer	Creamery	5 94
6780	do.	C. C. Brown, Homer	do	4 32
6781	do.	Fred Krukewitt, Homer	do	3 81
6782	do.	Lon Libka, Homer	do	4 32
6783	do.	Harvey Ray, Homer	do	1 78
6784	do.	H. Allison, Homer	do	4 80
6785	do.	T. M. Ghare, Homer	do	4 80
6786	do.	Wm. Leofler, Homer	do	3 15
6787	do.	B. Jordan, Savoy	do	14 01
6788	do.	C. Ross, Savoy	do	4 20
6789	do.	T. P. Jordan, Savoy	do	9 15
6790	do.	Macy Bros., Fithian	do	8 82
6791	do.	James Richard, Fithian	do	5 28
6792	do.	Z. Alsip, Ogden	do	4 68
6793	do.	Wm. P. Walsh, Ludlow	do	6 33
6794	do.	Joseph Mounts, Dewey	do	5 13
6795	do.	Frank Knox, Mahomet	do	4 66
6796	do.	S. T. Carter, Seymour	do	3 58
6797	do.	F. Kuder, St. Joseph	do	3 39
6798	Mar. 20	H. I. Nelson	Dairy office	2 37
6799	do.	A. R. Grindley	do	2 65
6800	do.	E. J. Percival	do	3 93
6801	do.	J. E. Henderson	do	2 34
6802	do.	Geo. Schiff, Homer	Creamery	3 42
6803	do.	John Gidding, Homer	do	4 44
6804	do.	F. Stadden, Homer	do	3 03
6805	do.	W. J. Wilson, Homer	do	1 80
6806	do.	W. E. Womacks, Ogden	do	2 13
6807	do.	James Fisher, Ogden	do	4 92
6808	do.	Ed. Fisher, Ogden	do	3 78
6809	do.	Wm. Case, Ogden	do	5 04
6810	do.	Guy Hobick, Fithian	do	5 34
6811	do.	J. D. Pulliam, Fithian	do	3 57
6812	do.	J. B. Skinner, Fithian	do	3 45

## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1915			
6813	Mar. 20	Mary Warner, Mahomet	Creamery	\$ 4 54
6814	do.	R. L. Meyers, Mahomet	do.	4 14
6815	do.	G. C. Cochran, Dewey	do.	2 71
6816	do.	Hungerford Bros., Loda	do.	4 71
6817	do.	J. A. R. Koch, Mayview	do.	3 90
6818	do.	R. B. Hubbard, Monticello, R. F. D. No. 4	do.	7 53
6819	Mar. 23	Robt. Graham	Dairy office	8 01
6820	do.	E. F. Lyons	do.	2 91
6821	do.	H. J. Michener, Homer	Creamery	3 27
6822	do.	C. R. Beavers, Homer	do.	5 04
6823	do.	Arthur Morgan, Homer	do.	4 17
6824	do.	G. W. Runkels, Homer	do.	3 24
6825	do.	Geo. Schiff, Homer	do.	3 54
6826	do.	W. E. Satterfield, Homer	do.	3 96
6827	do.	W. D. Rohl, Homer	do.	4 50
6828	do.	I. C. Wible, Ogden	do.	1 71
6829	do.	E. P. Ott, Ogden	do.	2 58
6830	do.	G. E. Smoot, Fithian	do.	3 93
6831	do.	John Rueb, Fithian	do.	3 75
6832	do.	G. O. McMorris, Fithian	do.	2 88
6833	do.	James Freeman, Fithian	do.	6 09
6834	do.	G. W. VanMeter, Savoy	do.	5 10
6835	do.	Henry Reinhart, Dewey	do.	4 20
6836	do.	J. W. Rhodes, Fisher	do.	4 43
6837	do.	W. L. Davis, Mahomet	do.	4 66
6838	do.	J. A. Daeger, Tolono	do.	3 34
6839	do.	E. Vincent Percival, Urbana, R. F. D.	do.	1 64
6840	do.	Otto G. Parker, Rantoul, R. F. D. No. 23	do.	5 47
6841	do.	Florence E. Watson	Traveling expenses	12 70
6842	do.	The Alumni Association	Advertising in Alumni Quarterly	3 25
6843	do.	David Kinley	Traveling expenses	21 63
6844	do.	H. A. Hollister	do.	27 74
6845	do.	Postal Telegraph & Cable Co.	Telephone and telegraph	6 17
6846	do.	Home Telephone Co. of Champaign County	do.	2 00
6847	do.	Ernst Hertzberg & Sons	Books	27 59
6848	do.	A. C. McClurg & Co.	do.	5 59
6849	do.	Pantagraph Printing & Stationery Co.	Printing	116 74
6850	do.	L. E. Knorr, Acting Comptroller	Student labor	28 00
6851	do.	L. E. Knorr, Acting Comptroller	Rebates	176 38
6852	do.	L. E. Knorr, Acting Comptroller	General labor	13 60
6853	do.	L. E. Knorr, Acting Comptroller	Express	97 02
6854	do.	Receivers, Central Union Telephone Co.	Telephone and telegraph	61 55
6855	Mar. 24	Ralph Smith	Dairy office	5 85
6856	do.	R. A. Lumsden	do.	4 98
6857	do.	R. T. Lumsden	do.	2 31
6858	do.	David Wilkins	do.	4 14
6859	do.	E. J. Percival	do.	3 54
6860	do.	Eli Grove	do.	4 92
6861	do.	E. Grove	do.	7 71
6862	do.	C. C. Gordon	do.	4 92
6863	do.	R. S. McInnes	do.	1 05
6864	do.	J. W. Hillard, Homer	Creamery	5 28
6865	do.	Van Carter, Homer	do.	4 44
6866	do.	W. E. Yount, Homer	do.	4 14
6867	do.	T. M. Ghare, Homer	do.	4 44
6868	do.	Ted Lowery, Homer	do.	3 42
6869	do.	T. H. Green, Homer	do.	3 90
6870	do.	Wm. Green, Homer	do.	4 50
6871	do.	Fritz Schweineke, Homer	do.	5 16
6872	do.	F. W. Howell, Homer	do.	5 49
6873	do.	G. B. Giddings, Ogden	do.	3 51
6874	do.	W. J. Downing, Ogden	do.	4 68
6875	do.	W. E. Womacks, Ogden	do.	2 49
6876	do.	J. B. Marsh, Ogden	do.	5 46
6877	do.	Mrs. L. A. Peters, Fithian	do.	4 29
6878	do.	J. B. Skinner, Fithian	do.	3 87
6879	do.	Frank Reinhart, Dewey	do.	4 80
6880	do.	Andrew Shields, Dewey	do.	4 36
6881	do.	J. J. Cender, Dickerson	do.	5 40
6882	do.	C. C. Rayburn, Bondville	do.	5 67
6883	do.	R. B. Hubbard, Monticello, R. F. D. No. 4	do.	2 79
6884	do.	W. C. Welch, Urbana, R. F. D. No. 12	do.	3 03
6885	do.	E. A. Smith, Urbana, R. F. D. No. 12	do.	2 58
6886	do.	Mrs. Elsie Blaisdell	Laundry work	14 96
6887	do.	The Wabash R. R.	Freight	30 75
6888	do.	Illinois Central R. R. Co.	do.	53 36
6889	do.	C. C. & St. L. Ry. Co.	do.	40 65
6890	do.	Illinois Traction System	do.	619 85

## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1915			
6891	Mar. 24	Western Union Telegraph Co.	Telephone and telegraph.	\$ 23 85
6892	..do.	Amelia Feldkamp.	Traveling expenses	29 51
6893	..do.	O. M. Allyn.	..do.	10 75
6894	..do.	W. J. Carmichael.	..do.	7 06
6895	..do.	William W. Wilson.	..do.	13 63
6896	..do.	William Hix.	Teaming	107 50
6897	..do.	James H. Rice Co.	Laboratory supplies.	20 59
6898	..do.	Ione Armstrong.	Traveling expenses and lectures before Library School.	51 33
6899	..do.	G. Cramer Dry Plate Co.	Laboratory supplies.	13 22
6900	..do.	B. E. Powell.	Traveling expenses	4 84
6901	..do.	C. C. Logan.	..do.	18 06
6902	..do.	H. W. Hollard.	..do.	16 83
6903	..do.	Chas. H. Rehling.	..do.	13 09
6904	..do.	Paul Gottschalk, Antiquariat.	Books.	3 80
6905	Mar. 26	I. D. Allison.	Salary, March, 1915.	150 00
6906	..do.	J. C. Blair.	..do.	416 66
6907	..do.	C. E. Durst.	..do.	150 00
6908	..do.	H. D. Brown.	..do.	70 00
6909	..do.	F. A. Aust.	..do.	116 66
6910	..do.	Wilhelm Miller.	..do.	250 00
6911	..do.	H. W. Blaney.	..do.	116 66
6912	..do.	J. R. VanKleek.	..do.	83 33
6913	..do.	Edwin Deal.	..do.	41 66
6914	..do.	H. A. Harding.	..do.	416 66
6915	..do.	Mamie Bunch.	..do.	166 66
6916	..do.	Eugene Davenport.	..do.	500 00
6917	..do.	W. F. Handschin.	..do.	250 00
6918	..do.	H. W. Mumford.	..do.	416 66
6919	..do.	B. T. Shiner.	..do.	70 00
6920	..do.	C. G. Hopkins.	..do.	416 66
6921	..do.	A. L. Whiting.	..do.	150 00
6922	..do.	R. R. Root.	..do.	208 33
6923	..do.	F. A. C. Smith.	..do.	125 00
6924	..do.	C. M. Robinson.	..do.	100 00
6925	..do.	F. N. Evans.	..do.	150 00
6926	..do.	A. S. Colby.	..do.	60 00
6927	..do.	J. J. Gardner.	..do.	166 66
6928	..do.	J. W. Lloyd.	..do.	291 66
6929	..do.	L. R. Lang.	..do.	175 00
6930	..do.	W. J. Fraser.	..do.	291 66
6931	..do.	N. W. Hepburn.	..do.	208 33
6932	..do.	W. T. Crandall.	..do.	150 00
6933	..do.	W. W. Yapp.	..do.	100 00
6934	..do.	P. W. Allen.	..do.	66 66
6935	..do.	Isabel Bevier.	..do.	250 00
6936	..do.	Georgia Fleming.	..do.	100 00
6937	..do.	Nellie Goldthwaite.	..do.	208 33
6938	..do.	Cora E. Gray.	..do.	116 66
6939	..do.	Greta E. Gray.	..do.	108 33
6940	..do.	Florence Harrison.	..do.	116 66
6941	..do.	Maud Parsons.	..do.	125 00
6942	..do.	Lurene Seymour.	..do.	150 00
6943	..do.	Margaret B. Stanton.	..do.	116 66
6944	..do.	Grace Stevens.	..do.	108 33
6945	..do.	Ruth Wheeler.	..do.	141 66
6946	..do.	Anna W. Williams.	..do.	100 00
6947	..do.	Donald McIntosh.	..do.	208 33
6948	..do.	D. O. Barto.	..do.	200 00
6949	..do.	W. J. Carmichael.	..do.	116 66
6950	..do.	W. C. Coffey.	..do.	266 66
6951	..do.	J. L. Edmonds.	..do.	208 33
6952	..do.	C. I. Newlin.	..do.	108 33
6953	..do.	Elmer Roberts.	..do.	100 00
6954	..do.	H. P. Rusk.	..do.	208 33
6955	..do.	H. W. Smith.	..do.	141 66
6956	..do.	J. W. Whisenand.	..do.	41 66
6957	..do.	J. J. Yoke.	..do.	100 00
6958	..do.	W. L. Burlison.	..do.	116 66
6959	..do.	E. T. Ebersol.	..do.	50 00
6960	..do.	E. H. Walworth.	..do.	83 33
6961	..do.	I. W. Dickerson.	..do.	150 00
6962	..do.	K. J. T. Eckblaw.	..do.	150 00
6963	..do.	M. E. Jahr.	..do.	133 33
6964	..do.	C. R. Newell.	..do.	100 00
6965	..do.	C. O. Reed.	..do.	116 66
6966	..do.	F. C. Bauer.	..do.	150 00
6967	..do.	A. F. Gustafson.	..do.	175 00

## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
1915				
6968	Mar. 26	J. G. Mosier	Salary, March, 1915.	\$291 66
6969	do.	H. W. Stewart	do.	150 00
6970	do.	F. A. Fisher	do.	116 66
6971	do.	L. H. Smith	do.	291 66
6972	do.	S. D. Harwood	Wages, March, 1915.	27 50
6973	do.	F. E. Cavette	do.	40 00
6974	do.	Harry Almond	do.	15 50
6975	do.	H. A. Branan	do.	21 50
6976	do.	D. D. Foster	do.	21 00
6977	do.	Chas. L. Ritts	do.	11 50
6978	do.	Ellen M. Henrotin	Traveling expenses.	18 63
6979	do.	Ernst Hertzberg & Sons	Books	1 05
6980	do.	J. W. Butler Paper Co.	Office supplies	59 83
6981	do.	The Western Union Telegraph Co.	Telephone and telegraph	30 04
6982	do.	H. B. Ward	Journal of Parasitology	25 00
6983	do.	W. J. Collins	Dairy office	4 10
6984	do.	B. Jordan, Savoy	Creamery	11 85
6985	do.	T. F. Jordan, Savoy	do.	12 00
6986	do.	C. E. Ross, Savoy	do.	3 72
6987	do.	H. Allison, Homer	do.	4 98
6988	do.	H. H. Krukewitt, Homer	do.	4 02
6989	do.	M. B. Allen, Homer	do.	4 62
6990	do.	Geo. Hurst, Homer	do.	5 16
6991	do.	E. L. Martin, Homer	do.	4 44
6992	do.	Wm. Leofler, Homer	do.	3 81
6993	do.	C. G. Plottner, Fithian	do.	4 62
6994	do.	J. F. Frances, Fithian	do.	4 11
6995	do.	S. V. Mayhen, Fithian	do.	4 17
6996	do.	Mart Watson, Fithian	do.	4 89
6997	do.	Pearl Hazen, Mahomet	do.	3 61
6998	do.	E. L. Rohlfing, Mahomet	do.	3 31
6999	do.	Hungerford Bros., Loda	do.	5 16
7000	do.	Wm. Case, Ogden	do.	4 50
7001	do.	Wm. P. Walsh, Ludlow	do.	6 16
7002	do.	Lucas Duffner, Farmer City, Ill.	do.	5 58
7003	do.	T. R. Elliott, Urbana, R. F. D. No. 8	do.	1 80
7004	do.	J. Jarrett, Urbana, R. F. D. No. 8	do.	5 85
7005	do.	Frank Smith, Ogden, R. F. D. No. 17	do.	2 64
7006	Mar. 30	H. I. Nelson	Dairy office	1 80
7007	do.	A. R. Grindley	do.	1 85
7008	do.	E. J. Percival	do.	2 82
7009	do.	Geo. Schiff	do.	7 92
7010	do.	J. E. Henderson	do.	2 37
7011	do.	J. C. Wooden, Ogden	Creamery	2 85
7012	do.	D. Hahn, Ogden	do.	5 19
7013	do.	D. Hahn, Ogden	do.	4 80
7014	do.	P. J. Wagner, Ogden	do.	5 76
7015	do.	James Fisher, Ogden	do.	3 57
7016	do.	Ed. Fisher, Ogden	do.	4 02
7017	do.	Z. Alsip, Ogden	do.	4 56
7018	do.	Ed. Heppie, Homer	do.	4 50
7019	do.	W. E. Satterfield, Homer	do.	3 96
7020	do.	John Gidding, Homer	do.	4 86
7021	do.	J. T. Denhart, Fithian	do.	2 31
7022	do.	J. D. Pulliam, Fithian	do.	4 38
7023	do.	S. Lee Cox, Oakwood	do.	3 24
7024	do.	J. M. Herriott, Mahomet	do.	2 41
7025	do.	R. H. McAlister, Muncie	do.	4 17
7026	do.	J. W. Rayburn, Bondville	do.	6 42
7027	do.	R. B. Hubbard, Monticello	do.	3 12
7028	do.	Mrs. Elsie Barnes, Fithian, R. F. D. No. 1	do.	4 35
7029	do.	R. D. Wirt, Dewey	do.	4 42
7030	do.	J. H. Evans, Dewey	do.	2 38
7031	do.	Andrew Shields, Dewey	do.	4 66
7032	do.	Hartley Shields, Dewey	do.	2 30
7033	do.	W. L. Davis, Mahomet	do.	4 54
7034	do.	S. T. Carter, Mahomet	do.	3 52
7035	do.	Frank Knox, Mahomet	do.	4 30
7036	do.	James Freeman, Fithian	do.	5 55
7037	do.	John Rueb, Fithian	do.	3 81
7038	do.	Guy Hobick, Fithian	do.	5 43
7039	do.	F. W. Howell, Homer	do.	2 55
7040	do.	G. W. VanMeter, Savoy	do.	8 16
7041	do.	Ray Freeman, Ogden	do.	2 64
7042	do.	J. W. Green, Broadlands	do.	4 36
7043	do.	J. D. White, Clerk, University Station	Postage	365 00
7044	do.	E. W. Millar	Wages, March, 1915	11 20
7045	do.	M. F. Edwards	do.	14 60

## GENERAL UNIVERSITY WARRAZTS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1915			
7046	Mar. 30	O. A. Harker	Traveling expenses	\$ 15 89
7047	do.	Pantagraph Printing & Stationery Co.	Printing	44 07
7048	do.	Peoples Gas Light & Coke Co.	Lighting	50 66
7049	do.	L. E. Knorr, Acting Comptroller	Rebates	327 25
7050	do.	L. E. Knorr, Acting Comptroller	Sundry bills	1 03
7051	do.	L. E. Knorr, Acting Comptroller	do.	53 58
7052	do.	The Wabash R. R.	Freight	86 08
7053	do.	C. C., C. & St. L. Ry. Co.	do.	123 17
7054	do.	Ralph M. Netz	Wages, March, 1915	18 88
7055	Mar. 31	E. J. Percival	Dairy office	3 27
7056	do.	Ralph Smith	do.	4 77
7057	do.	R. T. Lumsden	do.	2 34
7058	do.	R. A. Lumsden	do.	4 05
7059	do.	C. C. Gordon	do.	4 32
7060	do.	O. A. McInnes	do.	4 17
7061	do.	David Wilkins	do.	3 96
7062	do.	Eli Grove	do.	4 86
7063	do.	E. Grove	do.	6 81
7064	do.	H. J. Michener, Homer	Creamery	3 51
7065	do.	T. M. Ghere, Homer	do.	4 44
7066	do.	Frank Stadden, Homer	do.	4 05
7067	do.	W. D. Rohl, Homer	do.	4 74
7068	do.	W. E. Yount, Homer	do.	3 69
7069	do.	M. B. Allen, Homer	do.	3 60
7070	do.	W. E. Womachs, Ogden	do.	2 76
7071	do.	W. J. Downing, Ogden	do.	4 80
7072	do.	P. J. Wagner, Ogden	do.	8 58
7073	do.	E. L. Rohlfing, Mahomet	do.	2 85
7074	do.	Pearl Hazen, Mahomet	do.	3 58
7075	do.	E. R. Lape, Fisher	do.	2 98
7076	do.	Henry Reinhart, Dewey	do.	1 00
7077	do.	J. A. R. Koch, Mayview	do.	4 89
7078	do.	Coon Bros., Rantoul	do.	2 91
7079	do.	J. B. Skinner, Fithian	do.	3 99
7080	do.	C. C. Rayburn, Bondville	do.	5 85
7081	do.	J. J. Cender, Dickerson	do.	4 41
7082	do.	W. C. Welch, Urbana, R. F. D.	do.	3 93
7083	do.	E. A. Smith, Urbana, R. F. D.	do.	3 15
7084	do.	Estate of J. H. Pettit	Salary, March, 1915	125 00
7085	do.	H. E. Cunningham	Salary as Secretary of Board of Trustees, March, 1915	41 66
7086	do.	T. H. Flood & Co.	Cyclopedia	90 00
7087	do.	G. E. Stechert & Co.	Books	5 38
7088	do.	Florence E. Watson	Traveling expenses	23 41
7089	do.	Mrs. Laura B. Evans	do.	59 10
7090	Apr. 1	W. E. Cummins	Wages, March, 1915	28 20
7091	do.	Elliott Billman	do.	16 60
7092	do.	J. H. Hinshaw	do.	14 60
7093	do.	J. L. Hammore	do.	12 00
7094	do.	C. R. Patterson	do.	3 20
7095	do.	Olena Adams	do.	5 00
7096	do.	Harriet Berninger	do.	15 00
7097	do.	Irma Houser	do.	12 80
7098	do.	H. W. Kamp	do.	5 00
7099	do.	O. W. Allen	do.	21 40
7100	do.	A. C. Erdahl	do.	16 80
7101	do.	Mary Craigmile	do.	13 80
7102	do.	Olive Paine	do.	18 80
7103	do.	E. P. Hohman	do.	6 10
7104	do.	L. A. Canaday	do.	13 40
7105	do.	E. U. Rugg	do.	6 80
7106	do.	Alice Dietzer	do.	13 35
7107	do.	Edna Millizen	do.	12 90
7108	do.	Grace Gyer	do.	14 80
7109	do.	Russell Castle	do.	27 25
7110	do.	Mary Henry	do.	3 60
7111	do.	Arthur Mason	do.	2 20
7112	do.	R. H. Brooks	do.	11 60
7113	do.	A. H. Burger	do.	7 40
7114	do.	C. C. Foulk	do.	31 69
7115	do.	C. M. Lindsley	do.	10 00
7116	do.	J. K. Prim	do.	24 56
7117	do.	A. Bagusin	do.	6 25
7118	do.	A. H. Lenz	do.	16 10
7119	do.	A. P. Brown	do.	14 00
7120	do.	Newman Romero	do.	16 00
7121	do.	Mildred Elder	do.	6 40
7122	do.	Gladys Leonard	do.	10 00

## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
7123	Apr. 1 1915	Florence Floyd.	Wages March, 1915.	\$5 00
7124	do.	C. P. Barkman.	do.	28 00
7125	do.	A. H. Birger.	do.	16 00
7126	do.	B. O. Mills.	do.	6 60
7127	do.	W. R. Morrison.	do.	29 92
7128	do.	C. E. Runyan.	do.	15 80
7129	do.	H. M. Thurston.	do.	20 70
7130	do.	W. B. Day.	Stairy bills.	84 07
7131	Apr. 2	Robt. Graham.	Dairy office.	6 75
7132	do.	John McCullough.	do.	12 88
7133	do.	C. Ross, Savoy.	Cremery.	3 86
7134	do.	B. Jordan, Savoy.	do.	14 97
7135	do.	I. F. Jordan, Savoy.	do.	15 27
7136	do.	Joseph Mounts, Dewey.	do.	8 44
7137	do.	Andrew Shields, Dewey.	do.	4 35
7138	do.	G. G. Cochran, Dewey.	do.	2 77
7139	do.	H. Cherry, Ogden.	do.	4 68
7140	do.	C. R. Beavers, Homer.	do.	5 28
7141	do.	Hungerford Bros., Loda.	do.	5 19
7142	do.	Mrs. L. A. Peters, Fithian.	do.	3 87
7143	do.	J. W. Rhoades, Fisher.	do.	3 85
7144	do.	Wm. F. Walsh, Lindlow.	do.	0 16
7145	do.	K. L. Meyers, Mattoon.	do.	4 66
7146	do.	Otto G. Parker, Mattoon.	do.	5 69
7147	do.	K. E. Hubbard, Monticello, K. F. D. No. 4	Wages March, 1915.	2 43
7148	Apr. 5	Edw. Leach.	do.	15 88
7149	do.	Edna Kratz.	do.	23 23
7150	do.	Charles C. Longlove.	do.	11 34
7151	do.	J. E. Hedgecock.	do.	30 88
7152	do.	E. E. Murphy.	do.	26 70
7153	do.	D. P. Creighton.	do.	14 40
7154	do.	H. P. Kelley.	do.	13 40
7155	do.	H. M. Ritchee.	do.	21 75
7156	do.	C. L. Riggs.	do.	11 75
7157	do.	C. E. Hoffman.	do.	27 40
7158	do.	A. C. Hoffman.	do.	28 12
7159	do.	A. W. Salisbury.	do.	38 40
7160	do.	G. H. Humphrey.	do.	38 10
7161	do.	Mrs. F. R. McCullough.	Laundry work and sewing.	16 00
7162	do.	Lynd R. Caldwell.	Wages March, 1915.	30 87
7163	do.	M. R. Davis.	do.	2 00
7164	do.	F. W. Farley.	do.	33 75
7165	do.	I. L. Hunt.	do.	22 80
7166	do.	Chas. H. Reihing.	do.	5 15
7167	do.	W. W. Wilson.	do.	9 40
7168	do.	S. C. Steamp.	do.	22 46
7169	do.	S. R. Farah.	do.	29 25
7170	do.	R. E. McDowell.	do.	15 80
7171	do.	S. K. Roy.	do.	17 40
7172	do.	Boyd Dietters.	do.	16 80
7173	do.	C. O. Appeleran.	do.	1 20
7174	do.	H. L. Carlson.	do.	8 40
7175	do.	H. W. Cobley.	do.	7 35
7176	do.	P. W. Coleman.	do.	9 00
7177	do.	C. B. Conitas.	do.	1 75
7178	do.	L. M. Diehl.	do.	1 50
7179	do.	C. H. Grewe.	do.	4 00
7180	do.	G. H. Husted.	do.	3 05
7181	do.	B. T. Kloreshe.	do.	1 20
7182	do.	N. F. Moore.	do.	7 20
7183	do.	P. J. Leach.	do.	20 80
7184	do.	C. A. Rust.	do.	1 95
7185	do.	H. R. Sharpe.	do.	1 80
7186	do.	L. Doremus.	do.	2 00
7187	do.	R. F. Harvey.	do.	3 10
7188	do.	G. M. Husted.	do.	10 50
7189	do.	W. R. Jones.	do.	3 75
7190	do.	W. C. Kolmer.	do.	29 35
7191	do.	John Lamb, Jr.	do.	12 75
7192	do.	W. T. Martin.	do.	6 95
7193	do.	J. L. Munson.	do.	33 95
7194	do.	H. J. Smith.	do.	27 35
7195	do.	Ralph P. Brown.	do.	3 50
7196	do.	W. F. Campbell.	do.	33 60
7197	do.	Fred Dale.	do.	15 75
7198	do.	Herman Dale.	do.	17 70
7199	do.	Ivan C. Gill.	do.	8 00
7200	do.	G. S. Hedrick.	do.	7 20
				3 80

## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date	To whom.	For what.	Amount.
1915				
7201	Apr. 5	John Lamb, Jr.	Wages, March, 1915.	\$ 12 20
7202	do.	S. A. Kellogg.	do.	1 80
7203	do.	Raymond Reese.	do.	19 80
7204	do.	V. Voorhees.	do.	12 60
7205	do.	L. E. Voorhees.	do.	16 25
7206	do.	A. Eleazarian.	do.	21 50
7207	do.	G. H. Lindsey.	do.	19 80
7208	do.	E. E. Warner.	do.	20 50
7209	do.	Frances J. Perkins.	do.	13 60
7210	do.	G. L. Woodward.	do.	27 00
7211	do.	Elizabeth Judd.	do.	20 10
7212	do.	R. Schechter.	do.	22 75
7213	do.	H. D. Hohm.	do.	13 69
7214	do.	M. Holbrook.	do.	36 05
7215	do.	Mabel Fielding.	do.	63 30
7216	do.	Mabel Warinner.	do.	24 40
7217	do.	H. L. Buchen.	do.	15 62
7218	do.	Dorothy Doty.	do.	11 20
7219	do.	E. C. Ewert.	do.	12 12
7220	do.	Nelle Barnes.	do.	15 12
7221	do.	Jesse A. Romig.	do.	42 00
7222	do.	Mabel Dallenbach.	do.	26 15
7223	do.	Agnes A. Wagner.	do.	40 00
7224	do.	L. E. Knorr, Acting Comptroller.	Rebates to students.	103 00
7225	do.	The Wabash R. R.	Freight.	21 78
7226	do.	Illinois Central R. R. Co.	do.	25 12
7227	do.	Illinois Traction System.	do.	494 20
7228	do.	C. C. C. & St. L. Ry. Co.	do.	15 70
7229	do.	O. A. McInnes.	Dairy office.	3 01
7230	do.	H. I. Nelson.	do.	1 78
7231	do.	A. R. Grindley.	do.	3 03
7232	do.	W. J. Collins.	do.	4 06
7233	do.	E. J. Percival.	do.	2 53
7234	do.	J. W. Wilsey.	do.	3 87
7235	do.	Geo. Schiff.	do.	3 99
7236	do.	J. E. Henderson.	do.	3 21
7237	do.	Van Carter, Homer.	Creamery.	4 62
7238	do.	Alf Ott, Homer.	do.	3 83
7239	do.	J. D. Pulliam, Fithian.	do.	3 87
7240	do.	Macy Bros., Fithian.	do.	9 00
7241	do.	Chas. Wagner, St. Joseph.	do.	4 56
7242	do.	M. Cherry, St. Joseph.	do.	3 66
7243	do.	Mary Warner, Mahomet.	do.	4 56
7244	do.	W. H. Stevens, Urbana.	do.	2 01
7245	do.	Wm. Case, Ogden.	do.	4 32
7246	do.	John Ingleman, Rantoul, R. F. D. No. 21.	do.	4 76
7247	do.	J. Jarrett, Urbana, R. F. D.	do.	5 04
7248	Apr. 6	L. E. Knorr, Acting Comptroller.	Student labor.	34 90
7249	do.	L. E. Knorr, Acting Comptroller.	General labor.	10 00
7250	do.	H. P. Greison.	Wages, March, 1915.	14 20
7251	do.	Max Rukin.	do.	19 00
7252	do.	S. C. Fung.	do.	12 70
7253	do.	Geo. E. Carpenter & Co.	Laboratory supplies.	33 03
7254	do.	Irving-Pitt Mfg. Co.	Office supplies.	5 09
7255	do.	J. W. Butler Paper Co.	do.	27 38
7256	do.	Earl Garver.	Traveling expenses.	19 52
7257	do.	A. Stettz.	do.	4 33
7258	do.	James H. Rice Co.	Office supplies.	6 50
7259	do.	Marshall Field & Co.	Hospital gauze.	22 78
7260	do.	American Radiator Co.	Radiator shields.	7 35
7261	do.	General Chemical Co.	Epsom salts.	10 69
7262	do.	Graham Paper Co.	Blotters.	12 37
7263	do.	United States Blue Print Paper Co.	Office supplies.	10 29
7264	do.	M. W. Bussey, University Treasurer.	Clerk hire and office expenses.	150 00
7265	do.	W. L. Abbott.	Traveling expenses.	12 94
7266	do.	Dr. Le. W. Loeb.	do.	11 50
7267	do.	Stolkey's Garage.	Livery hire.	3 00
7268	do.	P. T. Rousseau.	Books.	15 00
7269	do.	Paul Gottschalk, Antiquariat.	Laboratory supplies.	28 90
7270	do.	E. F. Lyons.	Dairy office.	2 67
7271	do.	Lonie Wienke, Homer.	Creamery.	1 25
7272	do.	J. H. Umbenhower, Homer.	do.	4 18
7273	do.	Fritz Schweincke, Homer.	do.	4 65
7274	do.	J. W. Hillard, Homer.	do.	5 58
7275	do.	Wm. Loeffler, Homer.	do.	4 99
7276	do.	Wm. Green, Homer.	do.	3 84
7277	do.	Mart Watson, Fithian.	do.	5 27
7278	do.	Chas. G. Plotner, Fithian.	do.	4 90



## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1915			
7279	Apr. 6	G. O. McMorris, Fithian	Creamery	\$ 2 36
7280	do.	John Rueb, Fithian	do.	3 84
7281	do.	Pearl Hazen, Mahomet	do.	3 36
7282	do.	S. Lee Cox, Oakwood	do.	3 22
7283	do.	G. W. Van Meter, Savoy	do.	8 25
7284	do.	R. B. Hubbard, Monticello	do.	3 35
7285	do.	Frank Tuggle, Longview	do.	4 71
7286	do.	W. H. Stevens, Urbana	do.	3 13
7287	Apr. 7	Ralph Smith	Dairy office	5 92
7288	do.	C. C. Gordon	do.	6 63
7289	do.	O. A. McInnes	do.	4 49
7290	do.	Eli Grove	do.	5 02
7291	do.	E. Grove	do.	6 82
7292	do.	E. J. Percival	do.	3 53
7293	do.	R. T. Lumsden	do.	3 38
7294	do.	R. A. Lumsden	do.	4 34
7295	do.	David Wilkins	do.	3 53
7296	do.	H. Allison, Homer	Creamery	5 08
7297	do.	A. G. Krukewitt, Homer	do.	4 87
7298	do.	W. D. Rohl, Homer	do.	4 59
7299	do.	F. W. Howell, Homer	do.	5 55
7300	do.	Ed. Heppe, Homer	do.	4 37
7301	do.	Arthur Morgan, Homer	do.	4 59
7302	do.	John Giddings, Homer	do.	7 25
7303	do.	W. J. Downing, Ogden	do.	5 15
7304	do.	James Fisher, Ogden	do.	4 96
7305	do.	G. B. Giddings, Ogden	do.	4 59
7306	do.	J. B. Marsh, Ogden	do.	7 35
7307	do.	W. J. Kelly, Loda	do.	2 30
7308	do.	J. B. Skinner, Fithian	do.	4 25
7309	do.	R. H. McAlister, Muncie	do.	5 24
7310	do.	J. W. Rayburn, Bondville	do.	6 29
7311	do.	W. C. Welch, Urbana	do.	4 31
7312	do.	A. E. Smith, Urbana, R. F. D.	do.	2 54
7313	do.	R. B. Hubbard, Monticello, R. F. D. No. 4	do.	3 44
7314	do.	M. E. Simonsen, Astoria	do.	9 57
7315	do.	A. J. Spohn, Morrison	do.	9 28
7316	do.	Richmond Bros., Watterman	do.	2 90
7317	Apr. 8	Maude Stipp	Salary, March, 1915	50 00
7318	do.	T. M. Lyons	Wages, March, 1915	15 80
7319	do.	C. E. Mattoon	do.	24 00
7320	do.	Geo. F. Smalley	do.	19 00
7321	do.	Chas. M. Webber, Postmaster	Money advanced for postage on University of Illinois bulletins	50 00
7322	do.	L. E. Knorr, Acting Comptroller	Express	70 04
7323	do.	Chicago Telephone Co.	Telephone	38 45
7324	do.	Superintendent of Schools, Chicago, Ill.	Rental of hall in Lane High School	10 00
7325	do.	Franklin H. Wentworth	Traveling expenses	20 00
7326	do.	W. H. Browne, Secretary College of Medicine	General labor	272 01
7327	do.	The Peoples Gas Light & Coke Co.	Gas	59 52
7328	do.	Urbana & Champaign Railway, Gas & Electric Co.	do.	799 03
7329	do.	The Chicago Daily News Co.	Advertising	4 00
7330	do.	A. Penny	Delivering English Bulletins to Urbana postoffice	1 00
7331	do.	Western Union Telephone Co.	School of Pharmacy, time service, April, May and June, 1915	3 00
7332	do.	Lois Miles	Typewriter repairs	3 87
7333	do.	J. W. Butler Paper Co.	Office supplies	15 96
7334	do.	The Thompson & Norris Co.	Book wraps	5 20
7335	do.	Stolley's Garage	Livery hire	3 25
7336	do.	The Chester Transfer Co.	do.	4 50
7337	do.	M. W. Busey, University Treasurer	Clerk hire and office expense for the quarter ending September 30, 1914	150 00
7338	do.	The Western Union Telegraph Co.	College of Medicine, time service, April, May and June, 1915	15 00
7339	do.	P. L. Windsor	Traveling expenses	8 14
7340	do.	L. E. Knorr, Acting Comptroller	Rebates to students	76 10
7341	do.	L. E. Knorr, Acting Comptroller	Sundry bills	21 17
7342	do.	L. E. Knorr, Acting Comptroller	Express	16 48
7343	Apr. 9	Nicholas Hahn, Ogden	Creamery	5 39
7344	do.	Ray Freeman, Ogden	do.	3 38
7345	do.	Frank Smith, Ogden	do.	3 60
7346	do.	Z. Alsip, Ogden	do.	4 40
7347	do.	Daniel Hahn, Ogden	do.	4 96
7348	do.	T. M. Ghare, Homer	do.	4 96

## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1915			
7349	Apr. 9	M. B. Allen, Homer	Creamery	\$ 4 34
7350	do.	James Freeman, Fithian	do.	5 55
7351	do.	Earl Dickson, Fithian	do.	3 13
7352	do.	Mrs. L. A. Peters, Fithian	do.	3 13
7353	do.	Joseph Mounts, Dewey	do.	5 19
7354	do.	R. D. Wirt, Dewey	do.	4 57
7355	do.	Andrew Shields, Dewey	do.	4 70
7356	do.	R. L. Meyers, Mahomet	do.	4 70
7357	do.	Mary Warner, Mahomet	do.	5 39
7358	do.	W. L. Davis, Mahomet	do.	4 45
7359	do.	C. E. Ross, Savoy	do.	5 70
7360	do.	B. Jordan, Savoy	do.	16 68
7361	do.	T. F. Jordan, Savoy	do.	14 29
7362	do.	Mrs. Elsie Barnes, Fithian, R. F. D. No. 4	do.	3 47
7363	do.	E. Vincent Percival, Urbana, R. F. D.	do.	2 45
7364	do.	Hungerford Bros., Loda	do.	5 34
7365	do.	John W. Grein, Sidney, R. F. D. No. 8	do.	4 63
7366	Apr. 10	H. R. Richardson	Wages, March, 1915	25 50
7367	do.	D. G. Evans	do.	17 10
7368	do.	Business Manager, Board of Education, Chicago, Ill.	Rental of hall in Lane High School building	12 50
7369	do.	C. M. McConn	Traveling expenses	15 87
7370	do.	Schaefer & Dolan	Renewal of bonds of university employees	11 10
7371	do.	20th Century Press Clipping Bureau	Clippings, January, February and March, 1915	7 50
7372	Apr. 12	A. R. Grindley	Dairy office	3 53
7373	do.	J. M. Hammick	do.	1 36
7374	do.	H. I. Nelson	do.	2 42
7375	do.	Geo. Schiff	do.	3 41
7376	do.	R. T. Lumsden	do.	3 41
7377	do.	E. J. Percival	do.	2 79
7378	do.	J. E. Henderson	do.	3 01
7379	do.	O. A. McInnes	do.	2 51
7380	do.	W. E. Yount, Homer	Creamery	4 40
7381	do.	Frank Stadden, Homer	do.	3 75
7382	do.	Wm. Case, Ogden	do.	4 03
7383	do.	Ed. Fisher, Ogden	do.	4 12
7384	do.	J. C. Woodin, Ogden	do.	3 35
7385	do.	Frank Watson, Muncie	do.	2 14
7386	do.	J. F. Frances, Fithian	do.	4 18
7387	do.	J. D. Pulliam, Fithian	do.	3 87
7388	do.	Guy Hobick, Fithian	do.	5 21
7389	do.	Hartley Shields, Dewey	do.	3 39
7390	do.	Frank Knox, Mahomet	do.	3 92
7391	do.	J. A. B. Koch, Mayview	do.	4 77
7392	do.	C. C. Rayburn, Bondville	do.	6 26
7393	do.	R. B. Hubbard, Monticello	do.	4 00
7394	do.	Chas. Wagner, St. Joseph	do.	4 25
7395	do.	J. W. Willsey, Urbana, R. F. D.	do.	2 85
7396	do.	John Jarrett, Urbana, R. F. D.	do.	4 77
7397	Apr. 14	W. J. Collins	Dairy office	4 40
7398	do.	H. Allison, Homer	Creamery	4 71
7399	do.	J. W. Hillard, Homer	do.	3 47
7400	do.	C. R. Beavers, Homer	do.	5 08
7401	do.	H. J. Michener, Homer	do.	3 63
7402	do.	J. A. Morgan, Homer	do.	3 81
7403	do.	W. D. Rohl, Homer	do.	4 90
7404	do.	E. L. Martin, Homer	do.	4 37
7405	do.	George Hurst, Homer	do.	5 24
7406	do.	James Richards, Fithian	do.	4 42
7407	do.	John Rueb, Fithian	do.	3 63
7408	do.	J. A. Daeger, Tolono	do.	3 64
7409	do.	J. W. Rhodes, Fisher	do.	3 70
7410	do.	Pearl Hazen, Mahomet	do.	3 61
7411	do.	S. T. Carter, Seymour	do.	3 61
7412	do.	Wm. P. Walsh, Ludlow	do.	6 43
7413	do.	S. Lee Cox, Oakwood	do.	3 02
7414	do.	R. J. Craig, Fairmount	do.	3 04
7415	do.	John Englehardt, Urbana, R. F. D.	do.	4 26
7416	Apr. 15	B. E. Ordenez	Wages, March, 1915	90 00
7417	do.	F. W. Graves	do.	22 80
7418	do.	L. F. Simpson	do.	4 94
7419	do.	R. L. Castle	do.	24 63
7420	do.	W. H. Kane	do.	.....
7421	do.	L. E. Knorr, Acting Comptroller	Express	67 36
7422	do.	L. E. Knorr, Acting Comptroller	Rebates to students	127 25

## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1915			
7423	Apr. 15	L. E. Knorr, Acting Comptroller	Student labor	\$15 10
7424	do.	C. L. Gustafson	Laboratory supplies	1 75
7425	do.	J. W. Butler Paper Co.	Office supplies	62 43
7426	do.	The Wabash R. R.	Freight	11 10
7427	do.	C. C. C. & St. L. Ry. Co.	do.	34 62
7428	do.	United States Blue Print Paper Co.	Tracing paper	15 17
7429	do.	Chas. M. Webber, Postmaster	Mailing English Bulletins	1 54
7430	do.	John L. Rich.	Traveling expenses, trip to Mammoth Cave	29 01
7431	do.	T. P. Lyons	Dairy office	1 68
7432	do.	E. Grove	do.	6 39
7433	do.	Ralph Smith	do.	4 65
7434	do.	E. J. Percival	do.	3 56
7435	do.	Eli Grove	do.	4 96
7436	do.	David Wilkins	do.	3 91
7437	do.	R. A. Lumsden	do.	3 91
7438	do.	R. T. Lumsden	do.	4 15
7439	do.	O. A. McInnes	do.	4 40
7440	do.	C. C. Gordon	do.	4 15
7441	do.	F. W. Howell, Homer	Creamery	3 01
7442	do.	Van Carter, Homer	do.	4 34
7443	do.	John Gidding, Homer	do.	3 80
7444	do.	W. E. Satterfield, Homer	do.	4 00
7445	do.	Fritz Schweineke, Homer	do.	4 77
7446	do.	Harvey Ray, Homer	do.	2 67
7447	do.	P. J. Wagner, Homer	do.	6 82
7448	do.	James Fisher, Ogden	do.	3 38
7449	do.	W. J. Downing, Ogden	do.	4 34
7450	do.	D. Hahn, Ogden	do.	4 90
7451	do.	H. Cherry, Ogden	do.	4 90
7452	do.	W. E. Womachs, Ogden	do.	1 82
7453	do.	J. B. Skinner, Fithian	do.	4 40
7454	do.	C. G. Plottnier, Fithian	do.	4 40
7455	do.	Mart Watson, Fithian	do.	4 71
7456	do.	Macy Bros., Fithian	do.	9 92
7457	do.	A. Shields, Dewey	do.	5 44
7458	do.	Frank Reinhart, Dewey	do.	3 15
7459	do.	G. W. Van Meter, Savoy	do.	9 55
7460	do.	C. M. Smook, Fisher	do.	2 61
7461	do.	Hungerford Bros., Loda	do.	4 75
7462	do.	R. L. Meyers, Mahomet	do.	4 17
7463	do.	R. B. Hubbard, Monticello	do.	3 47
7464	Apr. 16	Postal Telegraph Cable Co.	Telephone and telegraph	1 93
7465	do.	W. L. Abbott	Stenographic services, December, 1914	10 00
7466	do.	Ernst Hertzberg & Sons	Books	2 14
7467	do.	U. & C. Ry. Gas & Electric Co.	Gas	10 00
7468	do.	Dean F. W. Chandler	Traveling expenses	15 52
7469	do.	J. E. Henderson	Dairy office	3 01
7470	do.	P. P. Dunn	do.	4 40
7471	do.	J. T. Denhart, Fithian	Creamery	3 78
7472	do.	Mrs. Elsie Barnes, Fithian	do.	4 22
7473	do.	Mrs. L. A. Peters, Fithian	do.	4 77
7474	do.	James Freeman, Fithian	do.	5 70
7475	do.	C. Ross, Savoy	do.	6 04
7476	do.	G. W. Van Meter, Savoy	do.	4 69
7477	do.	T. F. Jordan, Savoy	do.	14 88
7478	do.	B. Jordan, Savoy	do.	14 51
7479	do.	E. L. Martin, Homer	do.	4 65
7480	do.	T. M. Ghoro, Homer	do.	5 21
7481	do.	Z. Alsip, Ogden	do.	3 32
7482	do.	R. H. McAlister, Muncie	do.	5 08
7483	do.	Lucas Duffner, Farmer City	do.	5 46
7484	do.	F. Kuder, St. Joseph	do.	3 66
7485	do.	E. Vincent Percival, Urbana, R. F. D.	do.	2 53
7486	Apr. 19	H. I. Nelson	Dairy office	1 93
7487	do.	Jas. Hammack	do.	2 15
7488	do.	A. R. Grindley	do.	4 32
7489	do.	O. A. McInnes	do.	3 58
7490	do.	Robt. Graham	do.	4 19
7491	do.	John McCullough	do.	12 26
7492	do.	Geo. Schiff	do.	2 60
7493	do.	Nicholas Hahn, Ogden	Creamery	4 87
7494	do.	J. B. Marsh, Ogden	do.	7 41
7495	do.	Wm. Case, Ogden	do.	4 15
7496	do.	W. E. Womachs, Ogden	do.	2 76
7497	do.	Ed. Fisher, Ogden	do.	4 06
7498	do.	Fred Krukewitt, Homer	do.	3 29

## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
1915				
7499	Apr. 19	W. E. Yount, Homer	Creamery	\$ 4 37
7500	do	Wm. P. Walsh, Ludlow	do	5 53
7501	do	G. G. Cochran, Dewey	do	3 98
7502	do	J. A. R. Koch, Mayview	do	3 47
7503	do	Elmer R. Lape, Fisher	do	3 22
7504	do	J. D. Pulliam, Fithian	do	3 89
7505	do	R. B. Hubbard, Monticello	do	3 87
7506	do	Chas. Wagner, St. Joseph	do	3 78
7507	do	C. C. Rayburn, Bondville	do	4 21
7508	do	M. Hudson, Urbana, R. F. D. No. 1.2	do	3 07
7509	do	W. C. Welch, Urbana, R. F. D. No. 12	do	5 46
7510	do	C. E. Kelly, Paxton, R. F. D. No. 2	do	2 73
7511	do	John Jarrett, Urbana, R. F. D.	do	5 36
7512	do	Wiley Davis, Mahomet, R. F. D. No. 42	do	3 35
7513	do	Chas. M. Webber, Postmaster	Money advanced for postage	2 27
7514	do	The Western Union Telegraph Co.	Time service, April, May and June, 1915, College of Dentistry.	9 00
7515	do	Chicago Telephone Co.	Telephone	11 42
7516	do	W. A. Buchen	Reading orations	5 00
7517	do	Sada A. Harbarger	do	5 00
7518	do	R. E. Tiele	do	5 00
7519	do	Pantagraph Printing & Stationery Co.	Printing	362 45
7520	do	J. W. Buhler Paper Co.	Office supplies	9 61
7521	Apr. 21	Arthur Morgan, Homer	Creamery	4 03
7522	do	Wm. Leoffer, Homer	do	4 25
7523	do	H. Allison, Homer	do	5 27
7524	do	H. J. Michener, Homer	do	4 00
7525	do	Henry Reinhart, Dewey	do	4 66
7526	do	Hartley Shields, Dewey	do	4 17
7527	do	A. Shields, Dewey	do	5 22
7528	do	Mary Warner, Mahomet	do	4 94
7529	do	F. Knox, Mahomet	do	4 45
7530	do	Pearl Hazen, Mahomet	do	4 01
7531	do	Frank Watson, Muncie	do	4 74
7532	do	G. W. Van Meter, Savoy	do	5 97
7533	do	Ray Freeman, Ogden	do	3 25
7534	do	R. B. Hubbard, Monticello	do	4 65
7535	do	W. L. Davis, Mahomet, R. F. D. No. 42	do	4 39
7536	do	Frank Smith, Ogden, R. F. D. No. 17	do	3 35
7537	do	Fred H. Douglas, Fithian, R. F. D. No. 2	do	3 72
7538	do	F. A. Nofftz, Pesotum, R. F. D. No. 54	do	3 95
7539	do	Library Bureau	Office furniture	67 75
7540	do	D. H. Loyde	Dictionary	2 08
7541	do	W. F. Handschin	Traveling expenses	24 86
7542	do	D. O. Barto	do	14 31
7543	do	E. C. Baldwin	do	19 30
7544	do	Universal Sales Co.	Ink and pencil erasers	9 88
7545	do	Irving Pitt Mfg. Co.	Office supplies	7 09
7546	do	W. P. Miller	Assisting in short course, Mar. 1 to 13	12 50
7547	do	Illinois State Reformatory	Printing	10 50
7548	do	L. E. Knorr, Acting Comptroller	Sundry bills	47 01
7549	do	L. E. Knorr, Acting Comptroller	Rebates to students	53 00
7550	do	L. E. Knorr, Acting Comptroller	Express	59 42
7551	do	Ralph Smith	Dairy office	5 05
7552	do	R. A. Lumsden	do	3 63
7553	do	R. T. Lumsden	do	2 70
7554	do	H. I. Nelson	do	1 52
7555	do	C. C. Gordon	do	4 96
7556	do	O. A. McInnes	do	3 66
7557	do	E. J. Percival	do	3 56
7558	do	D. Wilkins	do	3 69
7559	do	C. R. Beavers, Homer	Creamery	5 42
7560	do	F. W. Howell, Homer	do	3 72
7561	do	E. L. Martin, Homer	do	4 40
7562	do	W. E. Satterfield, Homer	do	3 60
7563	do	W. J. Downing, Ogden	do	4 00
7564	do	Ed. Fisher, Ogden	do	2 85
7565	do	James Fisher, Ogden	do	3 07
7566	do	G. B. Giddings, Ogden	do	3 78
7567	do	Chas. Eichorst, Pesotum	do	4 63
7568	do	L. F. Bialeschski, Pesotum	do	3 24
7569	do	Mrs. L. A. Peters, Fithian	do	4 31
7570	do	John Rueb, Fithian	do	3 13
7571	do	Guy Hobick, Fithian	do	5 42
7572	do	J. B. Skinner, Fithian	do	5 21
7573	do	Joseph Mounts, Dewey	do	5 36
7574	do	Hungerford Bros., Loda	do	4 19

## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1915			
7575	Apr. 21	C. E. Hopkins, Tonti	Creamery	\$ 3 22
7576	do.	Mrs. S. Herriott, Seymour	do.	3 86
7577	do.	J. W. Rayburn, Bondville	do.	5 58
7578	do.	Mrs. Lou Creiger, Urbana, R. F. D. No. 10	do.	2 63
7579	do.	Eli Grove, Urbana, R. F. D. No. 10	do.	4 46
7580	do.	E. Grove, Urbana, R. F. D. No. 10	do.	6 51
7581	do.	Chas. Rhodes, Urbana, R. F. D. No. 9	do.	1 98
7582	do.	E. Vincent Percival, Urbana, R. F. D.	do.	2 32
7583	do.	John Jarrett, Urbana, R. F. D.	do.	4 43
7584	do.	Harry Sperry, Fithian, R. F. D. No. 1	do.	4 71
7585	Apr. 23	J. W. Butler Paper Co.	Office supplies	23 85
7586	do.	C. E. Richard & Co.	Custom duties	3 54
7587	do.	Florence E. Watson	Travelling expenses	31 57
7588	do.	A. A. Sphung	Fresh water mussels	2 50
7589	do.	Ralph Chaplin	Travelling expenses	56 35
7591	do.	W. B. Day, Actuary	Sundry bills	195 60
7592	do.	Wymond & Clark	Maps	6 75
7593	do.	Pantagraph Printing & Stationery Co.	Printing	232 32
7594	do.	F. E. Henderson	Dairy office	3 53
7595	do.	F. E. Dunn	do.	3 04
7596	do.	C. E. Ross, Savoy	Creamery	6 63
7597	do.	B. Jordan, Savoy	do.	13 08
7598	do.	T. F. Jordan, Savoy	do.	14 88
7599	do.	Geo. Schiff, Homer	do.	2 91
7600	do.	Ted. Lowery, Homer	do.	2 91
7601	do.	Harvey Ray, Homer	do.	1 12
7602	do.	T. M. Ghare, Homer	do.	5 02
7603	do.	Fritz Schweineke, Homer	do.	4 31
7604	do.	Wm. Green, Homer	do.	4 18
7605	do.	Geo. Hurst, Homer	do.	4 62
7606	do.	W. E. Yount, Homer	do.	3 72
7607	do.	W. D. Rohl, Homer	do.	6 23
7608	do.	Mart Watson, Fithian	do.	3 78
7609	do.	G. O. McMorris, Fithian	do.	2 45
7610	do.	Mary Warner, Mahomet	do.	4 11
7611	do.	E. L. Rohlfing, Mahomet	do.	3 38
7612	do.	R. D. Wirt, Dewey	do.	4 82
7613	do.	A. Shields, Dewey	do.	4 82
7614	do.	R. H. McAllister, Muncie	do.	4 46
7615	do.	Macy Bros., Fithian	do.	8 83
7616	do.	J. A. Daeger, Tolono	do.	2 62
7617	do.	R. B. Hubbard, Monticello	do.	3 36
7618	do.	F. Kuder, St. Joseph	do.	2 45
7619	do.	J. B. Naylor, Dewey, R. F. D. No. 33	do.	18 93
7620	do.	J. C. Shrock, Dewey, R. F. D. No. 32	do.	3 92
7621	do.	Fred H. Douglas, Fithian, R. F. D. No. 2	do.	3 29
7622	do.	Wiley Davis, Mahomet, R. F. D. No. 42	do.	3 63
7623	do.	Walter Woodin, Fithian, R. F. D. No. 1	do.	3 75
7624	Apr. 26	A. R. Grindley	Dairy office	4 18
7625	do.	C. C. Gordon	do.	2 36
7626	do.	O. A. McInnes	do.	4 34
7627	do.	Jas. Hammack	do.	1 36
7628	do.	E. J. Percival	do.	3 10
7629	do.	J. B. Marsh	do.	5 70
7630	do.	E. P. Ott, Ogden	Creamery	2 63
7631	do.	W. E. Womachs, Ogden	do.	2 11
7632	do.	Z. Alsip, Ogden	do.	3 35
7633	do.	Wm. Case, Ogden	do.	5 15
7634	do.	P. J. Wagner, Ogden	do.	4 74
7635	do.	A. R. Grindley, Homer	do.	4 09
7636	do.	F. Stadden, Homer	do.	3 22
7637	do.	Van Carter, Homer	do.	4 77
7638	do.	Harvey Allison, Homer	do.	4 65
7639	do.	J. D. Pulliam, Fithian	do.	4 40
7640	do.	C. G. Plottner, Fithian	do.	4 12
7641	do.	J. B. Skinner, Fithian	do.	4 03
7642	do.	James Freeman, Fithian	do.	5 15
7643	do.	Mrs. Elsie Barnes, Fithian	do.	4 46
7644	do.	S. T. Carter, Mahomet	do.	3 55
7645	do.	Pearl Hazen, Mahomet	do.	3 77
7646	do.	G. W. Van Meter, Savoy	do.	4 22
7647	do.	J. W. Rhoades, Fisher	do.	3 95
7648	do.	Wm. P. Walsh, Ludlow	do.	5 32
7649	do.	J. A. R. Koch, Mayview	do.	5 83
7650	do.	C. C. Rayburn, Bondville	do.	5 39
7651	do.	Chas. Roads, Urbana, R. F. D. No. 9	do.	3 41
7652	do.	Geo. Schiff, Urbana, R. F. D.	do.	3 19
7653	do.	M. Hudson, Urbana, R. F. D.	do.	2 79

## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1915			
7654	Apr. 27	Mrs. Laura B. Evans.....	Traveling expenses.....	\$ 43 43
7655	..do..	Estate of Dr. J. H. Pettit.....	Salary, April, 1915.....	125 00
7656	..do..	W. F. Gephart.....	Expenses in connection with lec- tures.....	15 82
7657	..do..	Pantagraph Printing & Stationery Co.....	Printing.....	1,042 19
7658	..do..	Indian Refining Co.....	Gasoline.....	4 75
7659	..do..	Chas. F. Hottes.....	Sundry bills paid.....	15 53
7660	..do..	L. E. Knorr, Acting Comptroller.....	Express.....	68 32
7661	..do..	Ralph M. Netz.....	Wages, April, 1915.....	16 88
7662	..do..	Western Union Telegraph Co.....	Telephone and telegraph.....	31 01
7663	..do..	Western Union Telegraph Co.....	..do.....	41 19
7664	..do..	E. F. Lyons.....	Dairy office.....	2 23
7665	..do..	Frank Smith, Ogden.....	Creamery.....	2 67
7666	..do..	Ray Freeman, Ogden.....	..do.....	3 66
7667	..do..	J. A. Morgan, Homer.....	..do.....	3 97
7668	..do..	E. L. Martin, Homer.....	..do.....	3 75
7669	..do..	T. M. Ghere, Homer.....	..do.....	4 77
7670	..do..	C. M. Snook, Fisher.....	..do.....	2 65
7671	..do..	L. F. Bialeschski, Pesotum.....	..do.....	3 45
7672	..do..	Pearl Hazen, Mahomet.....	..do.....	3 39
7673	..do..	R. B. Hubbard, Monticello.....	..do.....	7 51
7674	..do..	Frank Watson, Muncie.....	..do.....	4 31
7675	..do..	Wm. Van Buskirk, Fithian.....	..do.....	3 60
7676	..do..	John Ingleman, Rantoul.....	..do.....	3 66
7677	..do..	Chas. Wagner, St. Joseph.....	..do.....	4 53
7678	..do..	Frank Sperry, Fithian, R. F. D. No. 1.....	..do.....	3 87
7679	..do..	John Jarrett, Urbana, R. F. D.....	..do.....	6 23
7680	Apr. 28	I. D. Allison.....	Salary, April, 1915.....	150 00
7681	..do..	J. C. Blair.....	..do.....	416 66
7682	..do..	C. E. Durst.....	..do.....	150 00
7683	..do..	H. D. Brown.....	..do.....	70 00
7684	..do..	James Hutchinson.....	..do.....	100 00
7685	..do..	F. W. Muncie.....	..do.....	100 00
7686	..do..	G. L. Peltier.....	..do.....	133 33
7687	..do..	C. C. Rees.....	..do.....	50 00
7688	..do..	D. T. Englis.....	..do.....	60 00
7689	..do..	L. E. Miles.....	..do.....	41 66
7690	..do..	F. A. Aust.....	..do.....	116 66
7691	..do..	Wilhelm Miller.....	..do.....	250 00
7692	..do..	H. W. Blaney.....	..do.....	116 66
7693	..do..	J. R. Van Kleek.....	..do.....	83 33
7694	..do..	Edwin Deal.....	..do.....	41 66
7695	..do..	H. A. Harding.....	..do.....	416 66
7696	..do..	Eugene Davenport.....	..do.....	500 00
7697	..do..	W. F. Handeschin.....	..do.....	62 50
7698	..do..	H. W. Mumford.....	..do.....	416 66
7699	..do..	R. T. Shiner.....	..do.....	70 00
7700	..do..	C. G. Hopkins.....	..do.....	416 66
7701	..do..	Percy Ash.....	..do.....	208 33
7702	..do..	C. R. Clark.....	..do.....	166 66
7703	..do..	L. H. Provine.....	..do.....	291 66
7704	..do..	N. C. Ricker.....	..do.....	291 66
7705	..do..	W. C. Titcomb.....	..do.....	175 00
7706	..do..	N. A. Wells.....	..do.....	208 33
7707	..do..	R. S. Fanning.....	..do.....	120 00
7708	..do..	W. D. Foster.....	..do.....	140 00
7709	..do..	R. T. Jones.....	..do.....	160 00
7710	..do..	A. B. M. Corrubia.....	..do.....	160 00
7711	..do..	W. S. Wolfe.....	..do.....	110 00
7712	..do..	Winifred Fehrenkamp.....	..do.....	83 33
7713	..do..	Ralph Muehlmann.....	..do.....	140 00
7714	..do..	W. M. Stanton.....	..do.....	120 00
7715	..do..	J. M. Kellogg.....	..do.....	150 00
7716	..do..	S. C. Burton.....	..do.....	150 00
7717	..do..	I. O. Baker.....	..do.....	333 33
7718	..do..	B. L. Bowling.....	..do.....	83 33
7719	..do..	N. B. Garver.....	..do.....	141 66
7720	..do..	A. B. McDaniel.....	..do.....	229 16
7721	..do..	J. E. Smith.....	..do.....	150 00
7722	..do..	C. C. Wiley.....	..do.....	141 66
7723	..do..	W. M. Wilson.....	..do.....	183 33
7724	..do..	G. W. Pickells.....	..do.....	150 00
7725	..do..	W. H. Raynor.....	..do.....	130 00
7726	..do..	R. E. Davis.....	..do.....	120 00
7727	..do..	C. A. Ellis.....	..do.....	264 20
7728	..do..	G. G. Mills.....	..do.....	100 00
7729	..do..	P. S. Biegler.....	..do.....	166 66
7730	..do..	Morgan Brooks.....	..do.....	250 00

## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
7731	1915 Apr. 28	L. W. Fisk.....	Salary, April, 1915.	\$133 33
7732	do.	L. V. James.....	do.	133 33
7733	do.	E. B. Paine.....	do.	250 00
7734	do.	E. H. Waldo.....	do.	166 66
7735	do.	A. R. Knight.....	do.	150 00
7736	do.	J. W. Davis.....	do.	140 00
7737	do.	C. R. Moore.....	do.	150 00
7738	do.	H. W. Miller.....	do.	183 33
7739	do.	F. M. Porter.....	do.	125 00
7740	do.	R. K. Steward.....	do.	141 66
7741	do.	H. H. Jordan.....	do.	140 00
7742	do.	Rufus Crane.....	do.	100 00
7743	do.	R. M. Husband.....	do.	30 00
7744	do.	C. A. Atwell.....	do.	90 00
7745	do.	A. F. Westlund.....	do.	100 00
7746	do.	B. W. Benedict.....	do.	291 66
7747	do.	J. A. Dent.....	do.	150 00
7748	do.	J. A. Frisk.....	do.	91 66
7749	do.	G. A. Goodenough.....	do.	291 66
7750	o.	L. A. Harding.....	do.	291 66
7751	do.	O. A. Leutwiler.....	do.	241 66
7752	do.	C. R. Richards.....	do.	416 66
7753	do.	A. C. Willard.....	do.	200 00
7754	do.	H. F. Godeke.....	do.	140 00
7755	do.	R. E. Kennedy.....	do.	150 00
7756	do.	H. W. Waterfall.....	do.	140 00
7757	do.	F. C. Torrance.....	do.	120 00
7758	do.	P. J. Rebman.....	do.	90 00
7759	do.	G. A. Gross.....	do.	150 00
7760	do.	Edwin Frank.....	do.	120 00
7761	do.	J. M. Duncan.....	do.	90 00
7762	do.	E. T. Lanham.....	do.	120 00
7763	do.	H. S. McDewell.....	do.	120 00
7764	do.	A. B. Domoske.....	do.	140 00
7765	do.	G. H. Radebaugh.....	do.	120 00
7766	do.	J. H. Hogue.....	do.	120 00
7767	do.	J. A. DeTurk.....	do.	187 50
7768	do.	M. L. Enger.....	do.	150 00
7769	do.	V. R. Fleming.....	do.	416 66
7770	do.	A. N. Talbot.....	do.	170 00
7771	do.	F. B. Sealey.....	do.	170 00
7772	do.	G. P. Boonslitter.....	do.	130 00
7773	do.	C. E. Neerenberg.....	do.	150 00
7774	do.	N. E. Eusign.....	do.	140 00
7775	do.	H. E. Babbitt.....	do.	120 00
7776	do.	Harry Gardner.....	do.	120 00
7777	do.	Alexander Vallance.....	do.	120 00
7778	do.	W. J. Putnam.....	do.	416 66
7779	do.	A. F. Carman.....	do.	232 32
7780	do.	C. T. Knipp.....	do.	208 32
7781	do.	Jacob Kunz.....	do.	183 32
7782	do.	W. F. Schulz.....	do.	220 16
7783	do.	E. H. Williams.....	do.	141 66
7784	do.	F. R. Watson.....	do.	100 00
7785	do.	O. A. Randolph.....	do.	95 00
7786	do.	W. H. Hyslop.....	do.	90 00
7787	do.	E. H. Warner.....	do.	75 00
7788	do.	Sebastian Karrer.....	do.	50 00
7789	do.	J. B. Nathanson.....	do.	50 00
7790	do.	C. T. Hill.....	do.	115 00
7791	do.	P. L. Bayley.....	do.	150 00
7792	do.	L. T. Jones.....	do.	150 00
7793	do.	A. M. Buck.....	do.	166 66
7794	do.	A. F. Conmstock.....	do.	333 33
7795	do.	E. C. Schmidt.....	do.	183 33
7796	do.	J. M. Snodgrass.....	do.	187 50
7797	do.	E. J. Lake.....	do.	150 00
7798	do.	Mary Wetmore.....	Part salary, April, 1915.	137 05
7799	do.	C. E. Bradbury.....	Salary, April, 1915.	208 32
7800	do.	R. R. Root.....	do.	125 00
7801	do.	F. A. C. Smith.....	do.	100 00
7802	do.	C. M. Robinson.....	do.	150 00
7803	do.	F. N. Evans.....	do.	60 00
7804	do.	A. S. Colby.....	do.	166 66
7805	do.	J. V. Gardner.....	do.	291 66
7806	do.	J. W. Lloyd.....	do.	250 00
7807	do.	H. B. Dornier.....	do.	70 00
7808	do.	A. G. Hecht.....	do.	

## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1915			
7809	Apr. 28	L. R. Lang.	Salary, April, 1915	\$175 00
7810	do.	W. J. Frazer	do	291 66
7811	do.	N. W. Hepburn	do	208 33
7812	do.	W. T. Crandall	do	150 00
7813	do.	R. E. Brand	do	100 00
7814	do.	P. W. Allen	do	66 66
7815	do.	Isabel Beyer	do	250 00
7816	do.	Georgia Fleming	do	100 00
7817	do.	Nellie Goldthwaite	do	208 33
7818	do.	Cora E. Gray	do	116 66
7819	do.	Greta E. Gray	do	108 33
7820	do.	Florence Harrison	do	116 66
7821	do.	Maud Parsons	do	125 00
7822	do.	Lurene Seymour	do	150 00
7823	do.	Margaret B. Stanton	do	116 66
7824	do.	Grace Stevens	do	108 33
7825	do.	Ruth Wheeler	do	141 66
7826	do.	Anna W. Williams	do	100 00
7827	do.	Donald McIntosh	do	208 33
7828	do.	D. C. Barto	do	200 00
7829	do.	W. C. Coffey	do	266 66
7830	do.	J. L. Edmonds	do	208 33
7831	do.	H. P. Rusk	do	51 90
7832	do.	H. P. Rusk	do	156 43
7833	do.	J. W. Whisenand	do	41 66
7834	do.	J. J. Yoke	do	100 00
7835	do.	W. L. Burlison	do	116 66
7836	do.	E. T. Ebersol	do	50 00
7837	do.	E. H. Walworth	do	83 33
7838	do.	I. W. Dickerson	do	150 00
7839	do.	K. J. T. Eckblaw	do	150 00
7840	do.	M. E. Jahr	do	133 33
7841	do.	C. R. Newell	do	100 00
7842	do.	C. O. Reed	do	116 66
7843	do.	F. C. Bauer	do	150 00
7844	do.	F. G. Gustafson	do	175 00
7845	do.	J. G. Mosier	do	291 66
7846	do.	H. W. Stewart	do	150 00
7847	do.	F. A. Fisher	do	116 66
7848	do.	L. H. Smith	do	291 66
7849	do.	Hedman Mfg. Co.	Check protector	20 00
7850	do.	Receivers, Central Union Telephone Co.	Telephone and telegraph	66 30
7851	do.	A. L. Whiting	Salary, April, 1915	150 00
7852	do.	L. E. Knorr, Acting Comptroller	Drafting, account of Medical and Dental Buildings	48 65
7853	do.	G. E. Stechert & Co.	Books	2 88
7854	do.	A. C. McClurg & Co.	do	3 60
7855	do.	Ernst Hertzberg & Sons	do	6 56
7856	May 1	H. O. Rugg	Engrossing diplomas	81 41
7857	do.	P. P. Dunn	Dairy office	3 87
7858	do.	J. E. Henderson	do	4 07
7859	do.	A. R. Grindley	do	1 10
7860	do.	Fritz Schweineke, Homer	Creamery	4 17
7861	do.	H. J. Michener, Homer	do	4 74
7862	do.	Geo. Hurst, Homer	do	3 32
7863	do.	T. F. Jordan, Savoy	do	16 53
7864	do.	B. Jordan, Savoy	do	12 96
7865	do.	C. Ross, Savoy	do	8 22
7866	do.	Henry Reinhart, Dewey	do	4 87
7867	do.	Frank Reinhart, Dewey	do	3 76
7868	do.	Hartley Shields, Dewey	do	4 69
7869	do.	A. Shields, Dewey	do	4 87
7870	do.	E. L. Rohlfing, Mahomet	do	2 92
7871	do.	Mary Warner, Mahomet	do	4 30
7872	do.	Frank Knox, Mahomet	do	4 60
7873	do.	Earl Dickson, Fithian	do	4 26
7874	do.	Mrs. Elsie Barnes, Fithian	do	3 88
7875	do.	Wm. P. Walsh, Ludlow	do	5 92
7876	do.	J. A. Daeger, Tolono	do	3 13
7877	do.	F. C. Kuder, St. Joseph	do	4 59
7878	do.	R. B. Hubbard, Monticello	do	4 62
7879	do.	J. B. Naylor, Dewey, R. F. D. No. 33	do	14 31
7880	do.	J. Jarrett, Urbana, R. F. D. No. 8	do	2 82
7881	do.	H. I. Nelson	Dairy office	3 19
7882	May 3	Flanigan-Pearson Co.	Printing	33 00
7883	do.	C., C. & St. L. Ry. Co.	Freight	7 51



## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
7884	May 3 1915	The Wabash R. R.	Freight	\$865 34
7885	do.	Bess Riess.	Balance of salary, April, 1915.	10 00
7886	do.	A. P. Brown.	Wages, April, 1915.	17 50
7887	do.	A. Bagusin.	do.	6 25
7888	do.	Mildred Elder.	do.	6 40
7889	do.	A. H. Lenz.	do.	13 20
7890	do.	Glady's Leonard.	do.	9 20
7891	do.	Newman Romero.	do.	19 50
7892	do.	J. C. Larson.	do.	12 60
7893	do.	J. C. P. Barkman.	do.	29 00
7894	do.	Jessie B. Weston.	do.	4 38
7895	do.	Ruth Sankear.	do.	7 50
7896	do.	Ruth Ward.	do.	7 00
7897	do.	Florence Floyd.	do.	11 13
7898	do.	Dorothy Doty.	do.	6 75
7899	do.	Lester C. Raines.	do.	2 80
7900	do.	L. A. Canady.	do.	3 75
7901	do.	E. P. Hohman.	do.	10 90
7902	do.	W. W. Jennings.	do.	5 00
7903	do.	Olena Adams.	do.	10 50
7904	do.	Harriet Berninger.	do.	8 20
7905	do.	Lma Houser.	do.	17 40
7906	do.	H. W. Kamp.	do.	9 80
7907	do.	O. W. Allen.	do.	9 40
7908	do.	A. C. Erdahl.	do.	16 60
7909	do.	O. W. Allen.	do.	15 20
7910	do.	Mary Craigmille.	do.	2 20
7911	do.	Olive Paine.	do.	11 90
7912	do.	Edna Millzen.	do.	21 50
7913	do.	Grace Geyer.	do.	20 50
7914	do.	Alice Dietzer.	do.	14 40
7915	do.	Russell Castle.	do.	7 30
7916	do.	L. D. Bunting.	do.	28 25
7917	do.	Marton E. Sparks.	do.	17 40
7918	do.	B. O. Mills.	do.	60 00
7919	do.	A. H. Burger.	do.	11 40
7920	do.	W. R. Morrison.	do.	5 00
7921	do.	H. M. Thurston.	do.	27 90
7922	do.	E. U. Rueg.	do.	18 90
7923	do.	C. E. Runyan.	do.	28 10
7924	do.	Arthur Mason.	do.	6 20
7925	do.	Viola Wolfe.	do.	2 00
7926	do.	R. H. Brooks.	do.	8 20
7927	do.	A. H. Burger.	do.	12 80
7928	do.	C. C. Foult.	do.	7 60
7929	do.	C. M. Landsley.	do.	25 50
7930	do.	J. K. Pym.	do.	9 88
7931	do.	Marton E. Sparks.	do.	21 07
7932	do.	Louise Bennett.	do.	1 00
7933	do.	Geo. Chaff, Urbana, R. F. D. No. 8.	do.	28 50
7934	do.	Geo. Hammack.	Daily office.	4 02
7935	do.	E. J. Perceval.	do.	2 39
7936	do.	O. A. McInnes.	do.	4 21
7937	do.	C. C. Gordon.	do.	2 20
7938	do.	Wm. Leofet, Homer.	Creamery.	2 70
7939	do.	J. M. Ghere, Homer.	do.	4 08
7940	do.	J. D. Ferham, Homer.	do.	3 62
7941	do.	Frank Stadden, Homer.	do.	4 98
7942	do.	Arthur Morgan, Homer.	do.	3 27
7943	do.	Z. Alsip, Ogden.	do.	3 78
7944	do.	J. B. Marsh, Ogden.	do.	3 18
7945	do.	W. E. Womachs, Ogden.	do.	5 74
7946	do.	J. B. Giddings, Ogden.	do.	3 08
7947	do.	J. D. Pullan, Fithian.	do.	2 65
7948	do.	Mart Watson, Fithian.	do.	4 52
7949	do.	G. W. VanMeter, Savoy.	do.	6 22
7950	do.	J. B. Naylor, Fisher.	do.	4 50
7951	do.	L. F. Blaseski, Pesotum.	do.	4 16
7952	do.	I. C. Shrock, Dewey.	do.	4 00
7953	do.	Pearl Hazen, Mahomet.	do.	3 21
7954	do.	Mrs. S. Herriott, Seymour.	do.	3 24
7955	do.	Chas. Wagner, E. Joseph.	do.	4 28
7956	do.	W. C. Welch, Urbana, R. F. D. No. 12.	do.	3 78
7957	do.	Robt. Graham.	Daily office.	6 08
7958	do.	John McCullough.	do.	18 90

## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1915			
7962	May 6	Harvey Allison, Homer	Creamery	\$ 4 26
7963	do.	M. B. Allen, Homer	do	3 99
7964	do.	E. L. Martin, Homer	do	4 44
7965	do.	J. A. Morgan, Homer	do	4 08
7966	do.	T. F. Jordan, Savoy	do	9 15
7967	do.	B. Jordan, Savoy	do	11 16
7968	do.	C. Ross, Savoy	do	5 85
7969	do.	Mrs. L. A. Peters, Fithian	do	4 44
7970	do.	F. H. Douglas, Fithian	do	5 31
7971	do.	James Freeman, Fithian	do	6 48
7972	do.	Mrs. Elsie Barnes, Fithian	do	3 72
7973	do.	Frank Watson, Muncie	do	4 98
7974	do.	R. H. McAlister, Muncie	do	4 50
7975	do.	J. H. Evans, Dewey	do	2 80
7976	do.	Mary Warner, Mahomet	do	4 60
7977	do.	John Ingleman, Rantoul	do	5 90
7978	do.	Chas. Eichorst, Pesotum	do	4 12
7979	do.	R. B. Hubbard, Monticello	do	7 89
7980	do.	Chas. Rhoades, Urbana, R. F. D. No. 9	do	3 18
7981	do.	Harry Sperry, Fithian, R. F. D. No. 1	do	4 56
7982	do.	F. A. Noftz, Pesotum, R. F. D. No. 4	do	5 23
7983	do.	E. F. Lyons	Dairy office	2 59
7984	do.	Ralph Smith	do	6 13
7985	do.	E. Vincent Percival	do	3 30
7986	do.	David Wilkins	do	5 22
7987	do.	R. S. McInnes	do	1 17
7988	do.	R. A. Lumsden	do	5 57
7989	do.	R. T. Lumsden	do	3 67
7990	do.	J. Jarrett	do	4 68
7991	do.	E. J. Percival	do	5 17
7992	do.	J. E. Henderson	do	3 63
7993	do.	C. C. Gordon	do	3 10
7994	do.	O. A. McInnes	do	4 54
7995	do.	E. Grove	do	7 83
7996	do.	Wm. Green, Homer	Creamery	3 37
7997	do.	J. D. Perham, Homer	do	3 51
7998	do.	F. W. Howell, Homer	do	4 05
7999	do.	T. M. Chere, Homer	do	4 50
8000	do.	Fred Krukewitt, Homer	do	3 99
8001	do.	Geo. Schiff, Homer	do	3 24
8002	do.	W. E. Satterfield, Homer	do	4 95
8003	do.	C. R. Beavers, Homer	do	5 76
8004	do.	W. E. Yount, Homer	do	4 50
8005	do.	W. D. Rohl, Homer	do	5 88
8006	do.	Wm. Case, Ogden	do	5 28
8007	do.	P. J. Wagner, Ogden	do	3 75
8008	do.	Ed. Fisher, Ogden	do	4 35
8009	do.	James Fisher, Ogden	do	3 87
8010	do.	W. J. Downing, Ogden	do	4 44
8011	do.	Nicholas Hahn, Ogden	do	5 34
8012	do.	Mrs. L. A. Peters, Fithian	do	5 01
8013	do.	G. O. McMorris, Fithian	do	3 72
8014	do.	Guy Hobick, Fithian	do	4 50
8015	do.	Macy Bros., Fithian	do	7 44
8016	do.	J. B. Skinner, Fithian	do	4 77
8017	do.	John Rueb, Fithian	do	3 21
8018	do.	Mrs. J. H. Rutan, Fithian	do	3 30
8019	do.	Hungerford Bros., Loda	do	3 60
8020	do.	C. E. Hopkins, Tonti	do	3 29
8021	do.	A. Shields, Dewey	do	5 11
8022	do.	S. T. Carter, Seymour	do	3 99
8023	do.	J. A. R. Koch, Mayview	do	5 58
8024	do.	Herman Denhart, St. Joseph	do	4 95
8025	do.	Lou Creiger, Urbana, R. F. D. No. 10	do	4 86
8026	do.	Eli Grove, Urbana, R. F. D. No. 10	do	4 74
8027	do.	H. M. Corray, R. F. D. No. 8	do	3 30
8028	do.	W. C. Welch, Urbana, R. F. D.	do	4 35
8029	do.	Walter Woodin, Fithian, R. F. D. No. 1	do	3 99
8030	do.	P. J. McKinney, Ogden, R. F. D. No. 17	do	2 46
8031	do.	F. G. Blair	Traveling expenses	5 35
8032	do.	The University Club of Urbana and Campaign	do	3 30
8033	do.	J. W. Butler Paper Co.	Office supplies	77 75
8034	do.	W. B. Day	Petty expenses	107 97
8035	do.	Ira M. Smith	Traveling expenses	15 24
8036	do.	Gertrude E. Moulton	do	10 72
8037	do.	Wm. H. Browne	Petty cash	296 61
8038	do.	Illinois Central Ry.	Freight	4 12

## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1915			
8039	May 6	Wabash R. R.	Freight.	\$ 11 25
8040	do.	C. C. C. & St. L. Ry. Co.	do.	18 07
8041	do.	Illinois Central Ry. Co.	do.	9 19
8042	do.	L. E. Knorr	Rebates to students.	91 25
8043	do.	L. E. Knorr	Sundry bills.	34 22
8044	do.	L. E. Knorr	Student labor.	41 85
8045	do.	L. E. Knorr	Payments made to dairy patrons.	185 35
8046	May 7	W. F. Campbell	Wages	12 38
8047	do.	D. M. Chalcraft	do.	3 00
8048	do.	R. W. English	do.	1 80
8049	do.	Ivan C. Gill	do.	13 20
8050	do.	Paul Hannush	do.	1 40
8051	do.	John Lamb, Jr.	do.	17 20
8052	do.	E. E. Lehman	do.	3 70
8053	do.	Paul Gernard	do.	2 00
8054	do.	R. F. Harvey	do.	14 40
8055	do.	W. R. Jones	do.	20 40
8056	do.	Wm. C. Kolmer	do.	16 50
8057	do.	John Lamb	do.	3 60
8058	do.	W. T. Martin	do.	33 50
8059	do.	Geo. E. Mercer	do.	10 80
8060	do.	John L. Munson	do.	31 20
8061	do.	Raymond Reese	do.	38 20
8062	do.	Arthur Sempie	do.	1 00
8063	do.	H. J. Smith	do.	1 65
8064	do.	S. R. Farah	do.	17 40
8065	do.	W. H. Kasten	do.	1 00
8066	do.	R. E. McDowell	do.	10 60
8067	do.	S. K. Roy	do.	16 80
8068	do.	James H. Sedgwick	do.	17 25
8069	do.	E. O. Nay	do.	16 20
8070	do.	Franklin Rubright	do.	5 40
8071	do.	Henry Jacobson	do.	2 40
8072	do.	W. E. Cummins	do.	21 00
8073	do.	Elliott Billman	do.	12 80
8074	do.	J. H. Hinshaw	do.	17 20
8075	do.	J. L. Hanmore	do.	12 60
8076	do.	C. E. Patterson	do.	2 80
8077	do.	R. E. Hill	do.	5 50
8078	do.	E. G. Johnson	do.	29 55
8079	do.	H. M. Harper	do.	32 10
8080	do.	H. P. Grelson	do.	11 40
8081	do.	Max Rukin	do.	18 90
8082	do.	S. C. Pung	do.	7 60
8083	do.	S. C. Skemp	do.	19 50
8084	do.	S. C. Skemp	do.	11 00
8085	do.	C. O. Appelgran	do.	4 90
8086	do.	H. L. Carlson	do.	1 85
8087	do.	R. E. Rankin	do.	2 00
8088	do.	N. F. Moore	do.	14 80
8089	do.	Benj. Parker	do.	13 50
8090	do.	Paul Hannush	do.	4 50
8091	do.	Fred W. Leggett	do.	8 70
8092	do.	W. W. Wilson	do.	21 83
8093	do.	J. T. Newsome	do.	13 50
8094	do.	F. C. Newsome	do.	7 50
8095	do.	T. V. Newsome	do.	7 50
8096	do.	Maude Campbell	do.	58 00
8097	do.	O. A. Harker	Traveling expenses	20 89
8098	do.	Vera Wessells	Clerical work.	1 70
8099	do.	L. E. Knorr	Freight bill	703 90
8100	do.	Illinois Central Ry. Co.	Freight	29 98
8101	do.	Illinois Traction System	do.	558 67
8102	do.	Illinois Traction System	do.	1 07
8103	do.	C. C. C. & St. L. Ry. Co.	do.	110 84
8104	do.	L. E. Knorr	Traveling expenses	6 95
8105	May 8	W. H. Browne	Sundry bills	21 18
8106	do.	Florence E. Watson	Traveling expenses	17 95
8107	do.	Chas. M. Webber, Postmaster	Postage	50 00
8108	do.	Lloyd R. Caldwell	Wages	13 20
8109	do.	Electrical Show in care of W. I. Haggott,		
		Treasurer	Electric supplies	25 58
8110	do.	J. A. & D. O. Faris	Feeding stuffs	5 85
8111	do.	Keystone View Co.	Slide boxes	8 82
8112	do.	Mrs. F. E. McClughen	Laundry	19 40
8113	do.	R. B. Donnelley & Sons Co.	Halftones	78 66
8114	do.	Ernst Hertzberg & Sons	Books	2 52
8115	do.	J. W. Butler Paper Co.	Office supplies	26 16

## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1915			
8116	May 8	C. R. Nilsson	Wages, April, 1915.	\$61 20
8117	do.	J. Hammack	Dairy office	1 22
8118	do.	E. J. Percival	do.	4 68
8119	do.	T. P. Lyons	do.	2 49
8120	do.	O. A. McInnes	do.	4 98
8121	do.	M. Hudson	do.	4 26
8122	do.	C. C. Gordon	do.	4 38
8123	do.	A. R. Grindley	do.	3 29
8124	do.	H. I. Nelson	do.	2 82
8125	do.	Geo. Hurst, Homer	Creamery	4 38
8126	do.	Fritz Schweineke, Homer	do.	5 10
8127	do.	E. L. Martin, Homer	do.	4 50
8128	do.	Van Carter, Homer	do.	4 89
8129	do.	Wm. Leofler, Homer	do.	3 45
8130	do.	Harvey Ray, Homer	do.	2 58
8131	do.	Alf. Ott, Homer	do.	3 72
8132	do.	H. J. Michener, Homer	do.	4 32
8133	do.	L. W. Krukewitt, Homer	do.	2 97
8134	do.	A. G. Krukewitt, Homer	do.	4 09
8135	do.	Frank Smith, Ogden	do.	2 91
8136	do.	Ray Freeman, Ogden	do.	3 93
8137	do.	W. B. Wormacs, Ogden	do.	2 91
8138	do.	J. B. Marsh, Ogden	do.	6 00
8139	do.	Grant Freeman, Ogden	do.	3 84
8140	do.	Z. Alsip, Ogden	do.	4 44
8141	do.	Wm. Case, Ogden	do.	4 74
8142	do.	C. M. Smook, Fisher	do.	2 04
8143	do.	J. W. Rhodes, Fisher	do.	3 70
8144	do.	J. B. Naylor, Fisher	do.	22 15
8145	do.	T. F. Jordan, Savoy	do.	6 90
8146	do.	C. Ross, Savoy	do.	4 14
8147	do.	B. Jordan, Savoy	do.	6 39
8148	do.	G. W. VanMeter, Savoy	do.	5 22
8149	do.	A. Shields, Dewey	do.	5 32
8150	do.	Henry Reinhart, Dewey	do.	4 75
8151	do.	Joseph Mounts, Dewey	do.	5 43
8152	do.	Frank Meuser, Ludlow	do.	3 69
8153	do.	Wm. F. Walsh, Ludlow	do.	5 29
8154	do.	W. L. Davis, Mahomet	do.	3 70
8155	do.	Frank Knox, Mahomet	do.	4 42
8156	do.	S. C. Payne, Fithian	do.	2 79
8157	do.	J. D. Pulliam, Fithian	do.	4 56
8158	do.	Earl Dickson, Fithian	do.	3 57
8159	do.	C. G. Plottner, Fithian	do.	4 38
8160	do.	F. C. Kuder, St. Joseph	do.	4 26
8161	do.	Chas. Wagner, St. Joseph	do.	5 28
8162	do.	Mrs. S. Herriott, Seymour	do.	3 99
8163	do.	J. A. R. Koch, Mayview	do.	3 60
8164	do.	R. J. Craig, Fairmont	do.	4 20
8165	do.	Mrs. Lucas Duffner, Farmer City	do.	6 06
8166	do.	W. C. Welch, Urbana, R. F. D. No. 12	do.	3 81
8167	do.	H. Eaton, Urbana, R. F. D. No. 9	do.	3 78
8168	do.	Geo. Schiff, Urbana, R. F. D.	do.	5 13
8169	do.	Chas. Rhoades, Urbana, R. F. D. No. 9	do.	2 40
8170	do.	P. P. Dunn, Urbana, R. F. D. No. 10	do.	3 21
8171	do.	J. W. Willsey, Urbana, R. F. D.	do.	4 83
8172	do.	Clyde Fisher, Savoy, R. F. D. No. 66	do.	3 00
8173	May 10	Urbana & Champaign Gas & Electric Rail-way Co.	Electric power	22 36
8174	May 12	Ralph Smith	Dairy office	5 84
8175	do.	E. F. Lyons	do.	1 75
8176	do.	Eli Grove	do.	4 62
8177	do.	Lou Creiger	do.	5 16
8178	do.	E. Grove	do.	7 68
8179	do.	Lon Libka, Homer	Creamery	4 05
8180	do.	Mart Watson, Fithian	do.	4 44
8181	do.	T. M. Ghare, Homer	do.	4 32
8182	do.	J. D. Perham, Homer	do.	3 84
8183	do.	W. D. Rohl, Homer	do.	6 33
8184	do.	J. H. Evans, Dewey	do.	3 91
8185	do.	Hartley Shields, Dewey	do.	4 72
8186	do.	R. D. Wirt, Dewey	do.	4 66
8187	do.	Mrs. Elsie Barnes, Fithian	do.	4 50
8188	do.	Macy Bros., Fithian	do.	7 59
8189	do.	Mrs. L. A. Peters, Fithian	do.	4 56
8190	do.	Frank Watson, Muncie	do.	4 08
8191	do.	Gus. Patterson, Muncie	do.	4 68
8192	do.	Hungerford Bros., Loda	do.	3 84

## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1915			
8193	May 12	Mary Warner, Mahomet	Creamery	\$ 4 48
8194	do.	John Ingleman, Rantoul	do.	4 75
8195	do.	L. F. Bialeschski, Pesotum	do.	3 61
8196	do.	R. B. Hubbard, Monticello	do.	5 16
8197	do.	H. Eaton, Urbana, R. F. D. No. 9	do.	3 65
8198	do.	J. Jarrett, Urbana, R. F. D.	do.	4 02
8199	do.	F. H. Douglas, Fithian, R. F. D. No. 2	do.	4 77
8200	do.	B. Jordan, Savoy, R. F. D. No. 66	do.	6 87
8201	do.	C. E. Fisher, Savoy, R. F. D. No. 66	do.	2 55
8202	do.	C. R. Ross, Savoy, R. F. D. No. 65	do.	4 68
8203	do.	T. F. Jordan, Savoy, R. F. D. No. 66	do.	9 06
8204	do.	Sarah E. Martin	Traveling expenses	9 45
8205	do.	U. S. Audit Co.	Quarterly audit	285 98
8206	do.	Mrs. McKelvey	Laundry	3 50
8207	do.	Chas. M. Webber	Postage	1 05
8208	do.	Ronald Press Co.	Advertising	2 50
8209	do.	University Club of Urbana and Champaign	Traveling expenses	2 00
8210	do.	Professional Memoirs	Memoirs	3 00
8211	do.	Ethel Kratz	Wages	20 25
8212	do.	Clyde C. Younglove	do.	11 50
8213	do.	M. W. Jean	do.	55 00
8214	do.	E. Lerch	do.	18 88
8215	do.	W. M. Woods	do.	45 80
8216	do.	E. Hertzberg & Sons	Books	8 08
8217	do.	The Wabash R. R. Co.	Freight	16 63
8218	do.	C. C., C. & St. L. Ry. Co.	do.	28 22
8219	do.	Illinois Central Ry. Co.	do.	17 09
8220	do.	Illinois Traction System	do.	95 93
8221	do.	F. W. Graves	Wages	10 50
8222	do.	R. L. Castle	do.	24 13
8223	do.	W. H. Kane	do.	10 53
8224	May 13	E. J. Percival	Dairy office	4 35
8225	do.	C. C. Gordon	do.	3 84
8226	do.	O. A. McInnes	do.	4 44
8227	do.	R. S. McInnes	do.	1 32
8228	do.	J. E. Henderson	do.	4 20
8229	do.	M. Hudson	do.	4 80
8230	do.	R. T. Lumsden	do.	7 08
8231	do.	R. A. Lumsden	do.	5 10
8232	do.	D. Wilkins	do.	4 11
8233	do.	W. J. Downing, Ogden	Creamery	6 90
8234	do.	G. B. Giddings, Ogden	do.	3 87
8235	do.	James Fisher, Ogden	do.	5 04
8236	do.	Ed. Fisher, Ogden	do.	5 31
8237	do.	Nicholas Hahn, Ogden	do.	4 95
8238	do.	P. J. Wagner, Ogden	do.	4 92
8239	do.	H. Cherry, Ogden	do.	5 88
8240	do.	C. R. Beavers, Homer	do.	4 44
8241	do.	H. Allison, Homer	do.	7 80
8242	do.	W. E. Yount, Homer	do.	3 21
8243	do.	F. W. Howell, Homer	do.	5 22
8244	do.	W. E. Satterfield, Homer	do.	4 98
8245	do.	Van Carter, Homer	do.	3 60
8246	do.	Aif. Ott, Homer	do.	4 38
8247	do.	Fred Krukewitt, Homer	do.	4 32
8248	do.	Geo. Hurst, Homer	do.	4 20
8249	do.	F. Stadden, Homer	do.	4 62
8250	do.	Earl Hibler, Fithian	do.	4 32
8251	do.	Mrs. J. H. Ruten, Fithian	do.	5 58
8252	do.	John Rueb, Fithian	do.	4 80
8253	do.	J. B. Skinner, Fithian	do.	4 80
8254	do.	Guy Hobick, Fithian	do.	4 50
8255	do.	J. T. Denhart, Fithian	do.	5 26
8256	do.	A. Shields, Fithian	do.	4 30
8257	do.	J. C. Shrock, Dewey	do.	3 82
8258	do.	Frank Reinhert, Dewey	do.	5 83
8259	do.	Wm. P. Walsh, Ludlow	do.	5 22
8260	do.	Frank Meuser, Ludlow	do.	8 07
8261	do.	G. W. VanMeter, Savoy	do.	4 11
8262	do.	Hungerford Bros., Loda	do.	4 01
8263	do.	C. E. Hopkins, Tonti	do.	4 30
8264	do.	J. A. Daeger, Tolono	do.	4 84
8265	do.	Mary Warner, Mahomet	do.	5 67
8266	do.	J. A. R. Koch, Mayview	do.	4 05
8267	do.	R. B. Hubbert, Monticello	do.	4 41
8268	do.	W. C. Welch, Urbana, R. F. D. No. 12	do.	3 39
8269	do.	H. M. Correy, Urbana, R. F. D. No. 9	do.	3 84
8270	do.	Walter Woodin, Fithian, R. F. D. No. 1	do.	

## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
1915				
8271	May 13	J. B. Naylor, Dewey, R. F. D. No. 33	Creamery	\$ 15 64
8272	do.	Chas. Wilson, Homer, R. F. D. No. 62	do.	2 94
8273	do.	F. A. Nofftz, Pesotum, R. F. D. No. 54	do.	3 76
8274	May 14	Alumni Quarterly	Quarterly allowance.	250 00
8275	do.	Geo. Banta Publishing Co.	Publications.	5 86
8276	do.	Laura B. Evans	Traveling expenses	40 22
8277	do.	Chas. M. Webber	Mailing bulletins	50 00
8278	do.	W. C. Bagley	Traveling expenses	8 30
8279	do.	Vicente Fabella	Rebates of fee.	25 00
8280	May 15	John Englehart	Dairy office	3 27
8281	do.	A. R. Grindley	do.	6 27
8282	do.	H. I. Nelson	do.	5 16
8283	do.	T. P. Lyons	do.	2 10
8284	do.	Earl Dickson, Fithian	Creamery	4 93
8285	do.	James Freeman, Fithian	do.	7 74
8286	do.	James Richard, Fithian	do.	6 21
8287	do.	C. G. Plottner, Fithian	do.	4 71
8288	do.	Harry Sperry, Fithian	do.	4 02
8289	do.	Mrs. L. A. Peters, Fithian	do.	5 82
8290	do.	B. Jordan, Savoy	do.	4 26
8291	do.	C. E. Ross, Savoy	do.	4 30
8292	do.	T. F. Jordan, Savoy	do.	6 30
8293	do.	C. M. Smook, Fisher	do.	5 04
8294	do.	Wm. Case, Ogden	do.	4 05
8295	do.	Joseph Mounts, Dewey	do.	5 11
8296	do.	W. E. Womachs, Ogden	do.	3 21
8297	do.	J. A. Morgan, Homer	do.	4 38
8298	do.	T. M. Ghare, Homer	do.	4 56
8299	do.	Joe Maxwell, Muncie	do.	2 97
8300	do.	R. H. McAlister, Muncie	do.	4 44
8301	do.	Bert Barber, Mahomet	do.	3 13
8302	do.	L. F. Bialeschski, Pesotum	do.	3 61
8303	do.	R. B. Hubbard, Monticello	do.	3 96
8304	do.	F. C. Kuder, St. Joseph	do.	5 16
8305	do.	Wm. Saller, Fithian, R. F. D. No. 2	do.	3 93
8306	do.	H. Eaton, Urbana, R. F. D. No. 9	do.	4 86
8307	do.	L. E. Knorr, Assistant Comptroller	Sundry bills	9 11
8308	do.	L. E. Knorr, Assistant Comptroller	Rebates to students.	35 50
8309	do.	L. E. Knorr, Assistant Comptroller	Student labor	10 05
8310	do.	L. E. Knorr, Assistant Comptroller	Express bills	70 01
8311	do.	L. E. Knorr, Assistant Comptroller	do.	45 38
8312	do.	H. S. Zeitler	Wages, Apr. 28, May 11, 1915	65 00
8313	do.	E. J. Filbey	Traveling expenses	7 05
8314	May 17	J. D. White, Clerk	Stamped envelopes	52 90
8315	do.	J. W. Butler Paper Co.	Office supplies	17 93
8316	do.	A. Penny	Delivery of bulletins	1 00
8317	do.	R. R. Donnelley & Sons	Bulletins	1 60
8318	do.	Illinois State Reformatory	Circulars	66 10
8319	do.	Pantagraph Printing & Stationery Co.	Binding reports	139 85
8320	do.	W. B. Castenholz	Traveling expenses	32 99
8321	do.	David Wilkins	Dairy office	3 87
8322	do.	Eli Grove	do.	4 38
8323	do.	Lou Creiger	do.	4 56
8324	do.	E. Gove	do.	5 04
8325	do.	C. C. Gordon	do.	2 84
8326	do.	O. A. McInnes	do.	3 72
8327	do.	P. P. Dunn	do.	3 57
8328	do.	Fritz Schweineke, Homer	Creamery	5 19
8329	do.	A. G. Krukewitt, Homer	do.	5 01
8330	do.	J. D. Perham, Homer	do.	3 87
8331	do.	Frank Stadden, Homer	do.	5 01
8332	do.	W. D. Rohl, Homer	do.	4 83
8333	do.	Harvey Ray, Homer	do.	2 13
8334	do.	Wm. Loeffler, Homer	do.	4 44
8335	do.	H. J. Michener, Homer	do.	5 40
8336	do.	F. W. Howell, Homer	do.	3 33
8337	do.	S. M. Yeazel, Homer	do.	4 74
8338	do.	W. E. Yount, Homer	do.	3 93
8339	do.	Van Carter, Homer	do.	5 10
8340	do.	J. B. Marsh, Ogden	do.	5 58
8341	do.	W. J. Wilson, Ogden	do.	3 03
8342	do.	Z. Alsip, Ogden	do.	3 96
8343	do.	Ray Freeman, Ogden	do.	3 84
8344	do.	Macy Bros., Fithian	do.	7 65
8345	do.	J. F. Frances, Fithian	do.	5 10
8346	do.	Wm. VanBuskirk, Fithian	do.	4 32
8347	do.	F. H. Douglas, Fithian	do.	4 38
8348	do.	J. D. Pulliam, Fithian	do.	4 32

## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1915			
8349	May 17	Andrew Shields, Dewey	Creamery	\$ 5 29
8350	do.	J. H. Evans, Dewey	do.	4 96
8351	do.	G. W. VanMeter, Savoy	do.	4 26
8352	do.	J. W. Rhoades, Fisher	do.	4 54
8353	do.	John Ingleman, Rantoul	do.	4 72
8354	do.	Mrs. S. Herriott, Seymour	do.	3 90
8355	do.	J. A. R. Koch, Mayview	do.	3 51
8356	do.	R. B. Hubbard, Monticello	do.	3 69
8357	do.	Chas. Wagner, St. Joseph	do.	5 19
8358	do.	J. B. Naylor, Dewey, R. F. D. No. 33	do.	12 89
8359	do.	E. M. Frankenburg, Ogden, R. F. D. No. 17	do.	4 05
8360	do.	P. J. McKinney, Ogden, R. F. D. No. 17	do.	2 34
8361	do.	Geo. Schiff, Urbana, R. F. D.	do.	7 02
8362	do.	Chas. Rhoades, Urbana, R. F. D.	do.	3 45
8363	May 19	John McCullough	Dairy office	18 27
8364	do.	Robt. Graham	do.	6 27
8365	do.	Ralph Smith	do.	5 34
8366	do.	James Hammack	do.	1 95
8367	do.	E. F. Lyons	do.	3 58
8368	do.	J. E. Henderson	do.	3 74
8369	do.	Eli Grove	do.	2 78
8370	do.	Lou Creiger	do.	3 36
8371	do.	E. Grove	do.	3 36
8372	do.	H. I. Nelson	do.	3 10
8373	do.	A. R. Grindley	do.	3 83
8374	do.	Frank Smith, Ogden	Creamery	1 90
8375	do.	Wm. Case, Ogden	do.	4 00
8376	do.	Grant Freeman, Ogden	do.	3 54
8377	do.	Clyde Fisher, Savoy	do.	3 02
8378	do.	T. F. Jordan, Savoy	do.	8 06
8379	do.	B. Jordan, Savoy	do.	8 47
8380	do.	Lon Libka, Homer	do.	3 39
8381	do.	Alf. Ott, Homer	do.	3 07
8382	do.	W. E. Yount, Homer	do.	3 77
8383	do.	T. M. Ghere, Homer	do.	4 18
8384	do.	John W. Hillard, Homer	do.	2 70
8385	do.	Mrs. Elsie Barnes, Fithian	do.	3 36
8386	do.	Earl Dickson, Fithian	do.	4 23
8387	do.	John Rueb, Fithian	do.	3 02
8388	do.	W. J. Kelly, Loda	do.	3 45
8389	do.	Hungerford Bros., Loda	do.	3 56
8390	do.	F. A. Nofitz, Pesotum	do.	4 18
8391	do.	Chas. Eichorst, Pesotum	do.	3 48
8392	do.	L. F. Bialeschski, Pesotum	do.	4 50
8393	do.	Henry Reinhart, Dewey	do.	4 54
8394	do.	Louis Rohrschub, Sidney	do.	4 06
8395	do.	Frank Watson, Muncie	do.	3 80
8396	do.	S. T. Carter, Seymour	do.	4 04
8397	do.	Frank Knox, Mahomet	do.	3 51
8398	do.	R. J. Craig, Fairmont	do.	10 17
8399	do.	Fred Rein, Urbana	do.	5 16
8400	do.	R. B. Hubbard, Monticello	do.	7 16
8401	do.	C. Ross, Savoy, R. F. D. No. 66	do.	1 45
8402	do.	E. Vincent Percival, Urbana, R. F. D.	do.	2 81
8403	do.	Carl Laik, Urbana, R. F. D. No. 11	do.	5 31
8404	do.	John Jarrett, Urbana, R. F. D. No. 8	do.	4 23
8405	do.	Ora A. Knight, Fithian, R. F. D. No. 1	do.	2 80
8406	do.	Beecher City Creamery, Beecher City	do.	8 64
8407	do.	Olney Milk & Butter Co., Olney	do.	33 24
8408	do.	H. E. Siegman, Bogota	do.	16 54
8409	do.	Monmouth Creamery, Monmouth	do.	8 12
8410	do.	J. A. Shake, Jr., Macomb	do.	2 26
8411	do.	Ferdinand Grimm, Savanna	do.	2 70
8412	do.	Richmond Bros., Waterman	do.	8 01
8413	do.	Litchfield Creamery Co., Litchfield	do.	
8414	do.	P. Damgaard Twin City Creamery, Cham-		
		paign	do.	5 60
8415	do.	Byrl Jorgensen	Traveling expenses	5 00
8416	do.	The Beardsley Hotel	High School Oratorical contest	39 75
8417	do.	A. A. Harding	Music	25 00
8418	do.	The New York Times Index	Quarterly copy	2 00
8419	do.	Commonwealth Edison Co.	Meter reading	124 63
8420	May 20	O. A. McInness	Dairy office	4 30
8421	do.	C. C. Gordon	do.	3 63
8422	do.	M. Hudson	do.	5 31
8423	do.	D. Wilkins	do.	3 13
8424	do.	E. J. Percival	do.	3 02
8425	do.	R. A. Lumsden	do.	4 88

## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
1915				
8426	May 20	R. T. Lumsden	Dairy office	\$ 5 74
8427	do.	Nicholas Hahn, Ogden	Creamery	5 10
8428	do.	James Fisher, Ogden	do.	3 86
8429	do.	P. J. Wagner, Ogden	do.	6 32
8430	do.	W. J. Downing, Ogden	do.	3 97
8431	do.	Ed. Fisher, Ogden	do.	4 41
8432	do.	G. B. Giddings, Ogden	do.	5 42
8433	do.	Chas. Wilson, Homer	do.	2 20
8434	do.	E. L. Martin, Homer	do.	3 92
8435	do.	Geo. Hurst, Homer	do.	4 12
8436	do.	W. E. Satterfield, Homer	do.	4 70
8437	do.	Van Carter, Homer	do.	4 70
8438	do.	J. D. Perham, Homer	do.	3 28
8439	do.	Fred Krukewitt, Homer	do.	3 45
8440	do.	Frank Stadden, Homer	do.	3 77
8441	do.	Geo. Schiff, Homer	do.	2 95
8442	do.	C. R. Beaver, Homer	do.	5 19
8443	do.	A. Shields, Dewey	do.	4 76
8444	do.	J. H. Evans, Dewey	do.	4 36
8445	do.	G. W. VanMeter, Savoy	do.	5 10
8446	do.	Thos. H. Barker, Bondville	do.	3 86
8447	do.	Mary Warner, Mahomet	do.	4 50
8448	do.	W. L. Davis, Mahomet	do.	4 99
8449	do.	Guy Hobick, Fithian	do.	4 73
8450	do.	J. B. Skinner, Fithian	do.	4 70
8451	do.	Mrs. Elsie Barnes, Fithian	do.	5 66
8452	do.	Wm. P. Walsh, Ludlow	do.	5 23
8453	do.	Frank Meuser, Ludlow	do.	3 21
8454	do.	Hungerford Bros., Loda	do.	15 97
8455	do.	J. B. Naylor, Fisher	do.	5 69
8456	do.	C. J. Kissacks, Armstrong	do.	5 28
8457	do.	J. A. R. Koch, Mayview	do.	18 27
8458	do.	Champaign Ice Cream Co., Champaign	do.	4 70
8459	do.	Harman Denhart, St. Joseph	do.	4 47
8460	do.	W. C. Welch, Urbana, R. F. D. No. 12	do.	3 84
8461	do.	H. Eaton, Urbana, R. F. D. No. 40	do.	5 13
8462	do.	J. W. Willsey, Urbana, R. F. D.	do.	2 99
8463	do.	H. M. Correy, Urbana, R. F. D. No. 8	do.	4 50
8464	do.	T. A. Nofitz, Pesotum, R. F. D. No. 54	do.	2 89
8465	do.	C. C. C. & T. L. Ry. Co.	Freight	33 73
8466	do.	Illinois Traction	do.	28 17
8467	do.	Illinois Central Ry. Co.	do.	35 35
8468	do.	C. C. C. & St. L. Ry. Co., (Urbana)	do.	26 91
8469	do.	The Wabash R. R.	do.	6 55
8470	do.	Postal Telegraph Cable Co.	Telephone and telegraph	5 60
8471	do.	A. J. Nystrom & Co.	Laboratory apparatus	6 37
8472	do.	Mrs. Elsie Blaisdell	Laundry for April	26 00
8473	do.	The Drake Hotel Co.	Traveling expenses	73 26
8474	do.	Treasurer of Champaign County	1914 taxes on lots 23, 24 and 25, Forestry Heights	3 22
8475	May 22	P. P. Dunn	Dairy office	3 14
8476	do.	Wm. Green, Homer	Creamery	3 78
8477	do.	Harvey Allison, Homer	do.	4 31
8478	do.	J. A. Morgan, Homer	do.	5 10
8479	do.	M. B. Allen, Homer	do.	3 64
8480	do.	S. M. Yeazel, Homer	do.	1 79
8481	do.	Harvey Ray, Homer	do.	3 70
8482	do.	W. E. Yount, Homer	do.	5 46
8483	do.	W. D. Rohl, Homer	do.	3 78
8484	do.	J. C. Shrock, Dewey	do.	5 29
8485	do.	Hartley Shields, Dewey	do.	3 87
8486	do.	A. Shields, Dewey	do.	3 92
8487	do.	Harry Sperry, Fithian	do.	4 37
8488	do.	Earl Dickson, Fithian	do.	4 62
8489	do.	W. A. Bradley, Fithian	do.	3 08
8490	do.	May Diggs, Fithian	do.	3 95
8491	do.	Mart Watson, Fithian	do.	4 82
8492	do.	F. H. Douglas, Fithian	do.	7 78
8493	do.	Macy Bros., Fithian	do.	2 71
8494	do.	A. Ramert, Ogden	do.	3 85
8495	do.	J. W. Rhoades, Fisher	do.	4 09
8496	do.	R. H. McAlister, Muncie	do.	3 27
8497	do.	J. A. Daeger, Tolono	do.	3 61
8498	do.	Pearl Hazen, Mahomet	do.	5 46
8499	do.	Wm. Johnson, Allerton	do.	4 34
8500	do.	R. B. Hubbard, Monticello	do.	4 99
8501	do.	Lucas Duffner, Farmer City	do.	3 78
8502	do.	F. C. Kuder, St. Joseph	do.	



## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1915			
8503	May 22	B. Jordan, Savoy, R. F. D. No. 66.....	Creamery.....	\$ 5 43
8504	do.	T. F. Jordan, Savoy, R. F. D. No. 66.....	do.....	6 55
8505	do.	Clyde Fisher, Savoy, R. F. D. No. 66.....	do.....	2 16
8506	do.	C. E. Ross, Savoy, R. F. D. No. 66.....	do.....	4 98
8507	do.	H. Eaton, Urbana, R. F. D. No. 9.....	do.....	3 12
8508	do.	S. V. Mayhen, Fithian, R. F. D. No. 1.....	do.....	4 51
8509	May 24	E. J. Filbey.....	Traveling expenses.....	6 79
8510	do.	Lewis G. Stevenson.....	Certificates of registration.....	2 65
8511	do.	Florence E. Watson.....	Traveling expenses.....	19 91
8512	do.	Eberhard Faber.....	Erasers.....	14 53
8513	do.	Irving Pitt Mfg. Co.....	Office supplies.....	11 50
8514	do.	N. W. Hepburn.....	Traveling expenses.....	13 15
8515	do.	Lou Creiger.....	Dairy office.....	4 00
8516	do.	Eli Grove.....	do.....	3 31
8517	do.	E. Grove.....	do.....	4 76
8518	do.	Tom Lyons.....	do.....	2 84
8519	do.	E. J. Percival.....	do.....	4 38
8520	do.	Geo. Schiff.....	do.....	7 31
8521	do.	C. C. Gordon.....	do.....	2 61
8522	do.	O. A. McInnes.....	do.....	3 77
8523	do.	J. Hammack.....	do.....	2 32
8524	do.	Z. Alsip, Ogden.....	Creamery.....	4 12
8525	do.	J. B. Marsh, Ogden.....	do.....	6 03
8526	do.	H. Cherry, Ogden.....	do.....	3 92
8527	do.	Wm. Case, Ogden.....	do.....	3 65
8528	do.	W. J. Wilson, Ogden.....	do.....	2 67
8529	do.	W. E. Womacks, Ogden.....	do.....	2 90
8530	do.	Mrs. S. Herriott, Seymour.....	do.....	3 68
8531	do.	Van Carter, Homer.....	do.....	4 81
8532	do.	F. Stadden, Homer.....	do.....	3 77
8533	do.	F. W. Howell, Homer.....	do.....	3 51
8534	do.	T. M. Ghere, Homer.....	do.....	4 58
8535	do.	H. J. Michener, Homer.....	do.....	4 87
8536	do.	Alf. Ott, Homer.....	do.....	3 77
8537	do.	Fritz Schweineke, Homer.....	do.....	4 64
8538	do.	John Rueb, Fithian.....	do.....	4 79
8539	do.	J. H. Pulliam, Fithian.....	do.....	3 15
8540	do.	Mrs. J. H. Rutan, Fithian.....	do.....	4 58
8541	do.	James Freeman, Fithian.....	do.....	7 42
8542	do.	James Richards, Fithian.....	do.....	5 68
8543	do.	Bert Barber, Mahomet.....	do.....	2 50
8544	do.	Mary Wenner, Mahomet.....	do.....	4 23
8545	do.	C. M. Smook, Fisher.....	do.....	3 51
8546	do.	G. W. VanMeter, Savoy.....	do.....	3 68
8547	do.	W. J. Baker, Tontl.....	do.....	2 16
8548	do.	Frank Meuser, Ludlow.....	do.....	5 02
8549	do.	John Ingleman, Rantoul.....	do.....	5 10
8550	do.	F. Bialeschski, Pesotum.....	do.....	4 04
8551	do.	J. A. R. Koch, Mayview.....	do.....	3 13
8552	do.	Chas. Wagner, St. Joseph.....	do.....	4 93
8553	do.	H. F. Ridgeley, Cerro Gordo.....	do.....	3 10
8554	do.	J. B. Naylor, Dewey, R. F. D. No. 33.....	do.....	13 20
8555	do.	J. W. Willsey, Urbana, R. F. D.....	do.....	5 39
8556	do.	W. C. Welch, Urbana, R. F. D. No. 13.....	do.....	4 00
8557	May 25	Wm. Hix.....	Teaming for University.....	130 00
8558	do.	James Storer.....	Traveling expenses.....	4 15
8559	do.	H. J. Barton.....	Expenses for entertaining Legisla- tors.....	7 50
8560	do.	J. J. Toffey.....	Traveling expenses.....	13 73
8561	do.	Louis R. Dougherty.....	do.....	9 99
8562	do.	B. W. Phillips.....	do.....	17 68
8563	do.	Mildred Welch.....	do.....	11 58
8564	do.	Harold Francis James.....	do.....	3 70
8565	do.	Harriet E. Niles.....	do.....	13 43
8566	do.	Marmon-Buick Sales Co.....	Livery services.....	50 00
8567	do.	J. D. White.....	Postage.....	5 10
8568	do.	Adam Strohm.....	Traveling expenses.....	35 87
8569	do.	Ira O. Baker.....	do.....	3 20
8570	do.	J. D. White.....	Postage.....	140 00
8571	do.	L. E. Knorr.....	Express bills paid.....	55 85
8572	do.	H. E. Cunningham.....	Traveling expenses.....	12 86
8573	May 26	Percy Ash.....	Salary, May, 1915.....	208 33
8574	do.	C. R. Clark.....	do.....	166 66
8575	do.	L. H. Provine.....	do.....	291 66
8576	do.	N. C. Ricker.....	do.....	291 66
8577	do.	I. O. Baker.....	do.....	333 33
8578	do.	N. B. Garver.....	do.....	141 66
8579	do.	A. B. McDaniel.....	do.....	229 16

## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
8860	May 26	T. E. Smith.	Salary, May, 1915.	\$150 00
8861	do.	W. M. Wilson.	do.	183 33
8862	do.	F. S. Bogler.	do.	166 66
8863	do.	Morgan Brooks.	do.	230 00
8864	do.	L. W. Fisk.	do.	133 33
8865	do.	L. V. James.	do.	230 00
8866	do.	E. B. Faine.	do.	150 00
8867	do.	J. A. Dent.	do.	231 66
8868	do.	G. A. Goodenough.	do.	231 66
8869	do.	L. A. Harding.	do.	231 66
8870	do.	O. A. Lattwiler.	do.	200 00
8871	do.	A. C. Willard.	do.	187 50
8872	do.	M. L. Fieger.	do.	150 00
8873	do.	V. E. Fleming.	do.	150 00
8874	do.	A. F. Carman.	do.	150 00
8875	do.	C. T. Knipp.	do.	233 33
8876	do.	Jacob Krutz.	do.	183 33
8877	do.	W. F. Schulz.	do.	114 09
8878	do.	E. H. Williams.	do.	229 16
8879	do.	F. E. Watson.	do.	129 16
8880	do.	A. M. Buck.	do.	169 66
8881	do.	A. F. Comstock.	do.	233 33
8882	do.	E. F. Schmidt.	do.	250 00
8883	do.	C. F. Holmes.	do.	419 66
8884	do.	William Trelease.	do.	250 00
8885	do.	C. W. Balke.	do.	166 66
8886	do.	C. G. Detek.	do.	333 33
8887	do.	S. W. Parr.	do.	333 33
8888	do.	G. M. Smith.	do.	166 66
8889	do.	W. W. Washburn.	do.	231 66
8890	do.	H. C. F. Weber.	do.	166 66
8891	do.	G. D. Beal.	do.	125 00
8892	do.	B. S. Hopkins.	do.	208 33
8893	do.	J. W. Tolson.	do.	250 00
8894	do.	A. D. MacGillivray.	do.	250 00
8895	do.	N. B. Bayley.	do.	208 33
8896	do.	C. W. Rolle.	do.	250 00
8897	do.	L. E. Savage.	do.	125 00
8898	do.	K. L. Borge.	do.	166 66
8899	do.	A. R. Chalcraft.	do.	187 50
8900	do.	A. H. Finch.	do.	150 00
8901	do.	E. B. Lytle.	do.	291 66
8902	do.	G. A. Miller.	do.	153 33
8903	do.	H. B. Metz.	do.	333 33
8904	do.	C. H. Shaw.	do.	291 66
8905	do.	F. J. Treman.	do.	333 33
8906	do.	J. S. Kinsley.	do.	250 00
8907	do.	Chas. Zalesky.	do.	166 66
8908	do.	V. B. Spelford.	do.	250 00
8909	do.	H. J. Vancleave.	do.	166 66
8910	do.	F. D. Allison.	do.	150 00
8911	do.	F. A. Anst.	do.	4 37
8912	do.	J. C. Blair.	do.	116 66
8913	do.	A. S. Colby.	do.	416 66
8914	do.	H. B. Dorsey.	do.	60 00
8915	do.	J. J. Gardner.	do.	250 00
8916	do.	Jos. Hutchinson.	do.	166 66
8917	do.	Wilhelm Miller.	do.	100 00
8918	do.	F. W. Muncie.	do.	250 00
8919	do.	G. L. Peltier.	do.	100 00
8920	do.	C. C. Rees.	do.	133 33
8921	do.	C. M. Robinson.	do.	50 00
8922	do.	R. R. Root.	do.	100 00
8923	do.	F. A. C. Smith.	do.	208 33
8924	do.	F. N. Evans.	do.	125 00
8925	do.	H. W. Blaney.	do.	150 00
8926	do.	H. D. Brown.	do.	116 66
8927	do.	D. F. Englis.	do.	70 00
8928	do.	J. E. Miles.	do.	41 66
8929	do.	J. R. VanKleeck.	do.	83 33
8930	do.	Edwin Deal.	do.	41 66
8931	do.	August Hecht.	do.	70 00
8932	do.	J. W. Lloyd.	do.	291 66
8933	do.	Eugene Davenport.	do.	500 00
8934	do.	H. A. Harding.	do.	416 66
8935	do.	T. R. Lang.	do.	175 00
8936	do.	W. J. Fraser.	do.	291 66

## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1915			
8658	May 26	F. C. Bauer	Salary, May, 1915	\$150 00
8659	do.	W. L. Burlison	do.	116 66
8660	do.	I. W. Dickerson	do.	150 00
8661	do.	K. J. T. Eckblaw	do.	150 00
8662	do.	F. A. Fisher	do.	116 66
8663	do.	A. F. Gustafson	do.	175 00
8664	do.	J. G. Mosier	do.	291 66
8665	do.	L. H. Smith	do.	291 66
8666	do.	H. W. Stewart	do.	150 00
8667	do.	E. H. Walworth	do.	83 33
8668	do.	C. G. Hopkins	do.	416 66
8669	do.	C. O. Reed	do.	116 66
8670	do.	M. E. Jahr	do.	133 33
8671	do.	E. T. Ebersol	do.	50 00
8672	do.	C. R. Newell	do.	100 00
8673	do.	D. O. Barto	do.	24 98
8674	do.	N. W. Hepburn	do.	208 33
8675	do.	W. T. Crandall	do.	75 00
8676	do.	P. W. Allen	do.	66 66
8677	do.	C. E. Durst	do.	150 00
8678	do.	Isabel Bevier	do.	250 00
8679	do.	Nellie Goldthwaite	do.	208 33
8680	do.	Cora E. Gray	do.	116 66
8681	do.	Florence Harrison	do.	116 66
8682	do.	Maud Parsons	do.	125 00
8683	do.	Lurene Seymour	do.	150 00
8684	do.	Ruth Wheeler	do.	141 66
8685	do.	Greta E. Gray	do.	108 33
8686	do.	Georgia Fleming	do.	100 00
8687	do.	Grace Stevens	do.	108 33
8688	do.	Anna W. Williams	do.	100 00
8689	do.	Margaret Stanton	do.	116 66
8690	do.	Donald McIntosh	do.	208 33
8691	do.	MacChesney & Becker	Printing	32 50
8692	do.	J. L. Simonich	Wages, May, 1915	21 40
8693	do.	The Wabash Ry. Co.	Freight	5 33
8694	do.	Illinois Traction System	do.	160 98
8695	do.	The Big Four Ry. Co.	do.	39 25
8696	do.	Ernst Hertzberg & Sons	Books	7 78
8697	do.	Dr. J. H. Pettit	Salary, May, 1915	125 00
8698	May 27	E. F. Lyons	Dairy office	3 97
8699	do.	Ralph Smith	do.	6 24
8700	do.	J. VanBuskirk	do.	1 57
8701	do.	A. R. Grindley	do.	4 36
8702	do.	H. I. Nelson	do.	4 88
8703	do.	J. E. Henderson	do.	3 92
8704	do.	J. D. Perham, Homer	Creamery	3 02
8705	do.	Sigel Yeazel, Homer	do.	4 54
8706	do.	W. D. Rohl, Homer	do.	4 56
8707	do.	W. E. Yount, Homer	do.	4 26
8708	do.	Van Carter, Homer	do.	4 76
8709	do.	C. G. Plottner, Fithian	do.	4 37
8710	do.	S. C. Payne, Fithian	do.	3 05
8711	do.	Earl Hibler, Fithian	do.	4 68
8712	do.	Mrs. Elsie Barnes, Fithian	do.	3 67
8713	do.	Earl Dickson, Fithian	do.	4 48
8714	do.	Frank Watson, Muncie	do.	3 47
8715	do.	R. H. McAlister, Muncie	do.	4 26
8716	do.	Mrs. L. A. Peters, Muncie	do.	5 07
8717	do.	Henry Reinhart, Dewey	do.	4 42
8718	do.	Joseph Mounts, Dewey	do.	3 80
8719	do.	I. C. Wible, Ogden, R. F. D. No. 17	do.	1 80
8720	do.	Hungerford Bros., Loda	do.	3 38
8721	do.	W. J. Kelly, Loda	do.	2 69
8722	do.	R. B. Hubbert, Monticello	do.	3 89
8723	do.	R. B. Hubbert, Monticello	do.	3 89
8724	do.	E. R. Huckin, Ogden	do.	3 00
8725	do.	W. H. Ordell, Philo	do.	4 73
8726	do.	Frank Knox, Mahomet	do.	4 06
8727	do.	Thos. H. Barker, Bondville	do.	4 03
8728	do.	Emil Kaiser, 306 Romine St., Urbana	do.	7 31
8729	do.	H. Eaton, Urbana, R. F. D. No. 9	do.	3 03
8730	do.	John Jarrett, Urbana, R. F. D.	do.	4 68
8731	do.	C. E. Ross, Savoy, R. F. D. No. 66	do.	4 96
8732	do.	B. Jordan, Savoy, R. F. D. No. 66	do.	6 27
8733	do.	T. F. Jordan, Savoy, R. F. D. No. 66	do.	7 90
8734	do.	Eli Grove	Dairy office	2 72
8735	do.	Lou Creiger	do.	4 26

## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
<b>1915</b>				
8736	May 27	E. Grove	Dairy office	\$ 4 20
8737	do	O. A. McInnes	do	3 36
8738	do	R. S. McInnes	do	1 34
8739	do	C. C. Hudson	do	3 92
8740	do	M. Hudson	do	4 68
8741	do	David Wilkins	do	4 26
8742	do	R. A. Lumsden	do	5 57
8743	do	R. T. Lumsden	do	4 79
8744	do	E. J. Percival	do	3 95
8745	do	E. L. Martin, Homer	Creamery	6 27
8746	do	Alf. Ott, Homer	do	3 64
8748	do	Lon Libka, Homer	do	4 14
8749	do	L. W. Krukewitt, Homer	do	1 89
8750	do	W. E. Satterfield, Homer	do	4 79
8751	do	C. R. Beavers, Homer	do	5 15
8752	do	Fred Krukewitt, Homer	do	3 92
8753	do	Chas. Wilson, Homer	do	2 91
8754	do	Geo. Hurst, Homer	do	3 92
8755	do	Wm. Saller, Ogden	do	3 04
8756	do	W. J. Wilson, Ogden	do	2 80
8757	do	W. E. Womachs, Ogden	do	2 30
8758	do	Nicholas Hahn, Ogden	do	4 56
8759	do	P. J. Wagner, Ogden	do	8 29
8760	do	E. M. Frankenberg, Ogden	do	4 20
8761	do	James Fisher, Ogden	do	3 81
8762	do	Ray Freeman, Ogden	do	2 60
8763	do	W. J. Downing, Ogden	do	3 70
8764	do	Ed. Fisher, Ogden	do	3 98
8765	do	A. Shields, Dewey	do	4 34
8766	do	J. H. Evans, Dewey	do	4 23
8767	do	Chas. Eichorst, Pesotum	do	3 14
8768	do	F. A. Noftz, Pesotum	do	4 51
8769	do	L. F. Bialeschski, Pesotum	do	3 33
8770	do	May Diggs, Fithian	do	2 16
8771	do	J. T. Denhart, Fithian	do	4 51
8772	do	J. B. Skinner, Fithian	do	4 26
8773	do	G. W. VanMeter, Savoy	do	4 37
8774	do	W. J. Baker, Ponti	do	3 03
8775	do	R. J. Craig, Fairmont	do	3 36
8776	do	J. W. Rhoades, Fisher	do	4 30
8777	do	W. L. Davis, Mahomet	do	4 56
8778	do	S. T. Carter, Seymour	do	3 70
8779	do	J. A. R. Koch, Mayview	do	4 79
8780	do	Herman Denhart, St. Joseph	do	5 43
8781	do	Ora A. Knight, Fithian, R. F. D. No. 1	do	3 86
8782	do	A. Ramert, Ogden, R. F. D. No. 17	do	2 52
8783	do	Mrs. Pearl E. Krugh, Ogden, R. F. D. No. 8	do	2 88
8784	do	H. M. Corray, Urbana, R. F. D. No. 8	do	2 72
8785	do	J. W. Willsey, Urbana, R. F. D. No. 10	do	4 90
8786	do	W. C. Welch, Urbana, R. F. D. No. 12	do	4 09
8787	do	Emil Kaiser, Urbana, 306 N. Romine St.	do	7 03
8787	May 28	L. E. Knorr, Assistant Comptroller	Sundry bills	141 13
8788	do	L. E. Knorr, Assistant Comptroller	Rebates to students	147 00
8789	do	Babson's Statistical Organization	Books	9 99
8790	do	J. D. White	tamped envelopes	42 48
8791	do	B. W. Benedict	Traveling expenses	2 45
8792	do	Mississippi Valley Historical Assn	Subscription to guaranty fund	25 00
8793	do	The Alumni Assn	Addressing envelopes	3 25
8794	do	Paul P. Immel	Refund of part of C. P. A.	20 00
8795	do	Paul A. Gilcrest	Refund of part of C. P. A.	20 00
8796	do	Ellen M. Henrotin	Traveling expenses	27 87
8797	do	Ernst Hertzberg & Sons	Books	1 66
8798	do	John McCullough	Dairy office	16 24
8799	do	A. R. Grindley	do	3 47
8800	do	P. P. Dunn	do	3 14
8801	do	Wm. Johnson, Homer	Creamery	4 48
8802	do	Frank Stadden, Homer	do	3 36
8803	do	T. M. Ghery, Homer	do	4 81
8804	do	M. D. Allen, Homer	do	3 58
8805	do	E. L. Martin, Homer	do	3 70
8806	do	Harvey Ray, Homer	do	2 30
8807	do	D. Hahn, Ogden	do	3 34
8808	do	Wm. Case, Ogden	do	3 72
8809	do	Grant Freeman, Ogden	do	2 40
8810	do	Frank Reinhart, Dewey	do	3 33
8811	do	A. Shields, Dewey	do	5 80
8812	do	B. Jordan, Savoy	do	5 91
8813	do	C. E. Ross, Savoy	do	4 76

## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
1915				
8814	May 28	J. F. Frances, Fithian.	Creamery.	\$ 3 26
8815	do.	Guy Hobick, Fithian.	do.	4 42
8816	do.	John Rueb, Fithian.	do.	3 28
8817	do.	F. H. Douglas, Fithian.	do.	4 14
8818	do.	Macy Bros., Fithian.	do.	6 97
8819	do.	Mart Watson, Fithian.	do.	3 70
8820	do.	F. C. Kuder, St. Joseph.	do.	2 83
8821	do.	Wm. P. Walsh, Ludlow.	do.	5 12
8822	do.	Frank Meuser, Ludlow.	do.	4 90
8823	do.	Hungerford Bros., Loda.	do.	3 24
8824	do.	John Ridgeley, White Heath.	do.	1 85
8825	do.	F. A. Nofitz, Pesotum.	do.	5 01
8826	do.	Dale Price, Fairmont.	do.	3 56
8827	do.	J. J. Cender, Foosland.	do.	3 52
8828	do.	T. F. Jordan, Savoy, R. F. D. No. 66.	do.	6 58
8829	do.	Clyde Fisher, Savoy, R. F. D. No. 66.	do.	3 22
8830	do.	The Western Union Telegraph Co.	Telegraph and telephone	48 76
8831	do.	The Western Union Telegraph Co.	do.	30 95
8832	do.	Central Electric Co.	Electric supplies	11 88
8833	do.	J. W. Butler Paper Co.	Ledger paper	2 81
8834	do.	A. L. A. Publishing Board.	Books.	4 00
8835	do.	Ernst Hertzberg & Sons.	do.	2 28
8836	do.	Central Union Telephone Co.	Telephone	62 48
8837	May 31	W. B. Castenholz.	Traveling expenses.	20 69
8838	do.	The Peoples Gas Light & Coke Co.	Gas.	54 24
8839	do.	H. R. Richardson.	Wages, May, 1915.	20 00
8840	do.	D. O. Evans.	do.	16 00
8841	do.	J. W. Butler Paper Co.	Office supplies.	131 51
8842	do.	Albert Bradford.	Salary, May, 1915.	60 00
8843	do.	Urbana & Champaign Ry., Gas & Electric Co.	Traveling expenses.	52 30
8844	do.	Mrs. Roy Emerick.	Guinea pigs.	12 50
8845	do.	W. B. Day, Actuary.	Petty expenses.	150 64
8846	June 1	John McCullough.	Dairy office.	3 75
8847	do.	Tom Lyons.	do.	3 02
8848	do.	J. Hammack.	do.	2 60
8849	do.	H. I. Nelson.	do.	3 14
8850	do.	E. Grove.	do.	3 60
8851	do.	E. J. Percival.	do.	3 33
8852	do.	O. A. McInnes.	do.	3 98
8853	do.	C. C. Gordon.	do.	2 97
8854	do.	Eli Grove.	do.	2 88
8855	do.	David Wilkins.	do.	3 30
8856	do.	Elmer Whole, Homer.	Creamery.	4 26
8857	do.	Wm. Leoffer, Homer.	do.	2 63
8858	do.	W. E. Yount, Homer.	do.	5 01
8859	do.	F. W. Howell, Homer.	do.	3 81
8860	do.	Van Carter, Homer.	do.	4 82
8861	do.	Alf Ott, Homer.	do.	2 91
8862	do.	Z. Alsip, Ogden.	do.	3 84
8863	do.	G. B. Giddings, Ogden.	do.	5 01
8864	do.	J. B. Marsh, Ogden.	do.	6 41
8865	do.	P. J. Wagner, Ogden.	do.	5 80
8866	do.	W. J. Baker, Tontit.	do.	3 00
8867	do.	C. E. Hopkins, Tontit.	do.	4 87
8868	do.	A. E. Bocock, Philo.	do.	4 07
8869	do.	Wm. H. Ordell, Philo.	do.	4 41
8870	do.	L. A. Peters, Fithian.	do.	4 65
8871	do.	James Freeman, Fithian.	do.	5 91
8872	do.	Mrs. J. H. Ruten, Fithian.	do.	5 46
8873	do.	J. D. Pulliam, Fithian.	do.	4 65
8874	do.	Harry Sperry, Fithian.	do.	4 31
8875	do.	W. A. Bradley, Fithian.	do.	4 93
8876	do.	Geo. Schiff, Urbana.	do.	7 42
8877	do.	Fred Rein, Urbana.	do.	3 71
8878	do.	Frank Watson, Muncie.	do.	3 72
8879	do.	J. A. Daeger, Tolono.	do.	3 78
8880	do.	Chas. Eichorst, Pesotum.	do.	4 23
8881	do.	Bert Barber, Mahomet.	do.	2 66
8882	do.	J. A. R. Koch, Mayview.	do.	2 83
8883	do.	C. J. Kissacks, Armstrong.	do.	6 01
8884	do.	R. B. Hubbard, Monticello.	do.	8 09
8885	do.	H. E. Shade, Urbana, R. F. D. No. 9.	do.	8 63
8886	do.	Elsie Barnes, Fithian, R. F. D. No. 1.	do.	4 48
8887	do.	W. W. Meyer, Urbana, R. F. D. No. 12.	do.	3 39
8888	do.	W. C. Welch, Urbana, R. F. D. No. 12.	do.	3 89
8889	do.	J. W. Wilsey, Urbana, R. F. D. No. 10.	do.	5 60
8890	do.	H. Eaton, Urbana, R. F. D. No. 9.	do.	6 21

## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
1915				
8891	June 1	Lou Creiger, Urbana, R. F. D. No. 10.	Creamery.	\$ 4 38
8892	do.	Anna Laienhagen, Sidney, R. F. D. No. 58.	do.	4 93
8893	do.	S. V. Mayhen, Fithian, R. F. D. No. 1.	do.	4 48
8894	June 2	A. R. Grindley.	Dairy office.	4 68
8895	do.	J. E. Henderson.	do.	3 67
8896	do.	E. Vincent Percival.	do.	3 70
8897	do.	E. F. Lyons.	do.	3 47
8898	do.	J. H. Evans, Dewey.	Creamery.	4 28
8899	do.	A. Shields, Dewey.	do.	4 40
8900	do.	H. E. Ward, Dewey.	do.	6 47
8901	do.	R. D. Wirt, Dewey.	do.	4 14
8902	do.	J. A. Morgan, Homer.	do.	4 03
8903	do.	J. D. Perham, Homer.	do.	3 11
8904	do.	Geo. Hurst, Homer.	do.	4 20
8905	do.	F. Stadden, Homer.	do.	3 50
8906	do.	H. J. Michener, Homer.	do.	4 14
8907	do.	C. R. Beavers, Homer.	do.	4 79
8908	do.	Fritz Schweineke, Homer.	do.	4 48
8909	do.	Lou Libka, Homer.	do.	4 14
8910	do.	Van Carter, Homer.	do.	4 98
8911	do.	G. W. VanMeter, Savoy.	do.	4 82
8912	do.	C. E. Ross, Savoy.	do.	4 59
8913	do.	B. Jordan, Savoy.	do.	5 04
8914	do.	T. F. Jordan, Savoy.	do.	9 94
8915	do.	W. J. Kelly, Loda.	do.	2 79
8916	do.	Hungerford Bros., Loda.	do.	3 44
8917	do.	Joe Maxwell, Muncie.	do.	2 74
8918	do.	F. B. Seiner, Muncie.	do.	3 81
8919	do.	May Diggs, Fithian.	do.	2 27
8920	do.	C. G. Plotner, Fithian.	do.	3 67
8921	do.	John Ruel, Fithian.	do.	4 23
8922	do.	C. E. Smoot, Fithian.	do.	3 11
8923	do.	Macy Bros., Fithian.	do.	7 70
8924	do.	Earl Dickson, Fithian.	do.	4 09
8925	do.	F. H. Douglas, Fithian.	do.	3 67
8926	do.	Mary Warner, Mahomet.	do.	4 14
8927	do.	H. Eaton, Urbana.	do.	4 74
8928	do.	C. M. Smook, Fisher.	do.	2 49
8929	do.	A. Ramert, Ogden.	do.	2 41
8930	do.	F. Bialeschski, Pesotum.	do.	3 64
8931	do.	S. Lee Cox, Oakwood.	do.	3 39
8932	do.	John Ingleman, Tomlinson.	do.	4 34
8933	do.	F. A. Nofftz, Pesotum, R. F. D. No. 54.	do.	4 98
8934	do.	Ora A. Knight, Fithian, R. F. D. No. 1.	do.	3 50
8935	do.	Clyde Fisher, Savoy, R. F. D. No. 66.	do.	2 07
8936	do.	J. Jarrett, Urbana, R. F. D.	do.	4 37
8937	do.	Olena Adams.	Wages, May, 1915.	5 20
8938	do.	Harriett Berninger.	do.	13 80
8939	do.	Irma Houser.	do.	11 60
8940	do.	H. W. Kamp.	do.	5 60
8941	do.	E. U. Rugg.	do.	8 80
8942	do.	W. W. Jennings.	do.	3 20
8943	do.	E. P. Hohman.	do.	5 40
8944	do.	L. A. Canaday.	do.	14 40
8945	do.	C. P. Barkman.	do.	25 00
8946	do.	C. G. Howard.	do.	9 10
8947	do.	J. C. Larson.	do.	14 60
8948	do.	A. H. Lenz.	do.	21 50
8949	do.	A. P. Brown.	do.	15 00
8950	do.	Newman Romero.	do.	16 25
8951	do.	Gladys Leonard.	do.	9 00
8952	do.	E. R. Schultz.	do.	8 80
8953	do.	Ruth Ward.	do.	17 88
8954	do.	J. H. Gage.	do.	3 00
8955	do.	A. H. Burger.	do.	9 20
8956	do.	B. O. Mills.	do.	7 80
8957	do.	C. E. Runyan.	do.	17 80
8958	do.	Russell Castle.	do.	30 00
8959	do.	L. D. Bunting.	do.	22 40
8960	do.	Mary Henry.	do.	7 20
8961	do.	A. C. Erdahl.	do.	15 60
8962	do.	O. W. Allen.	do.	21 40
8963	do.	Mary Craigmille.	do.	11 90
8964	do.	Olive Paine.	do.	21 50
8965	do.	Grace Geyer.	do.	14 20
8966	do.	Ella Tillotson.	do.	14 50
8967	do.	Edna Millizen.	do.	15 10
8968	do.	R. H. Brooks.	do.	13 70

## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1915			
8969	June 2	A. H. Burger.....	Wages, May, 1915.	\$ 6 00
8970	.do.	C. C. Foulk.....	.do.	27 00
8971	.do.	C. M. Lindsley.....	.do.	9 75
8972	.do.	J. K. Prim.....	.do.	15 56
8973	.do.	W. E. Cummins.....	.do.	22 10
8974	.do.	Elliott Bellman.....	.do.	12 80
8975	.do.	J. H. Hinshaw.....	.do.	12 20
8976	.do.	J. L. Hanmore.....	.do.	11 20
8977	.do.	C. R. Patterson.....	.do.	2 40
8978	.do.	James Primm.....	.do.	1 65
8979	.do.	Irma Higgins.....	.do.	2 80
8980	.do.	B. Conklin.....	.do.	6 20
8981	.do.	E. C. Nay.....	.do.	10 70
8982	.do.	Franklin Rubright.....	.do.	60
8983	.do.	James H. Sedgwick.....	.do.	11 75
8984	.do.	The Big Four R. R. Co.....	Freight.....	107 21
8985	.do.	The Illinois Central Ry.....	.do.	32 26
8986	.do.	The Wabash R. R. Co.....	.do.	23 56
8987	.do.	Wm. Hix.....	Teaming for University.....	129 50
8988	.do.	Mabel Fielding.....	Wages, May, 1915.....	11 85
8989	.do.	LaKhue Kile.....	.do.	52 15
8990	.do.	Reuben W. Peterson.....	.do.	6 00
8991	June 3	H. I. Nelson.....	Dairy office.....	2 91
8992	.do.	Ralph Smith.....	.do.	6 86
8993	.do.	E. J. Percival.....	.do.	10 11
8994	.do.	John McCullough.....	.do.	6 61
8995	.do.	D. Wilkins.....	.do.	2 55
8996	.do.	E. Grove.....	.do.	4 54
8997	.do.	Lou Creiger.....	.do.	4 09
8998	.do.	Eli Grove.....	.do.	2 16
8999	.do.	John Englehart.....	.do.	16 94
9000	.do.	C. C. Gordon.....	.do.	3 02
9001	.do.	R. S. McInnes.....	.do.	1 09
9002	.do.	O. A. McInnes.....	.do.	4 06
9003	.do.	M. Hudson.....	.do.	5 63
9004	.do.	H. M. Correy.....	.do.	3 84
9005	.do.	R. A. Lumsden.....	.do.	4 90
9006	.do.	R. T. Lumsden.....	.do.	4 59
9007	.do.	E. L. Martin, Homer.....	Creamery.....	3 61
9008	.do.	Dale Price, Homer.....	.do.	1 91
9009	.do.	Frank Stadden, Homer.....	.do.	3 44
9010	.do.	Geo. Hurst, Homer.....	.do.	4 42
9011	.do.	T. M. Ghere, Homer.....	.do.	4 48
9012	.do.	J. C. Hilderbrand, Homer.....	.do.	6 24
9013	.do.	W. E. Satterfield, Homer.....	.do.	4 82
9014	.do.	W. E. Yount, Homer.....	.do.	4 03
9015	.do.	Fred Kruke Witt, Homer.....	.do.	4 03
9016	.do.	Chas. Wilson, Homer.....	.do.	3 47
9017	.do.	J. C. V. Taylor, Homer.....	.do.	3 11
9018	.do.	Wm. Johnson, Homer.....	.do.	5 21
9019	.do.	Harvey Ray, Homer.....	.do.	3 00
9020	.do.	S. M. Yeazel, Homer.....	.do.	5 10
9021	.do.	Herman Denhart, Ogden.....	.do.	5 04
9022	.do.	H. Cherry, Ogden.....	.do.	4 20
9023	.do.	James Fisher, Ogden.....	.do.	4 48
9024	.do.	Ed. Fisher, Ogden.....	.do.	3 72
9025	.do.	W. J. Downing, Ogden.....	.do.	3 56
9026	.do.	P. J. Wagner, Ogden.....	.do.	5 96
9027	.do.	N. Hudson, Ogden.....	.do.	4 87
9028	.do.	Wm. Case, Ogden.....	.do.	4 42
9029	.do.	J. C. Shrock, Dewey.....	.do.	4 28
9030	.do.	Hartley Shields, Dewey.....	.do.	4 28
9031	.do.	Henry Reinhart, Dewey.....	.do.	4 76
9032	.do.	R. D. Wirt, Dewey.....	.do.	4 26
9033	.do.	J. H. Evans, Dewey.....	.do.	4 17
9034	.do.	C. E. Hopkins, Tonti.....	.do.	5 96
9035	.do.	W. J. Baker, Tonti.....	.do.	6 16
9036	.do.	R. B. Hubbard, Monticello.....	.do.	4 31
9037	.do.	Frank Meuser, Ludlow.....	.do.	4 06
9038	.do.	Wm. P. Walsh, Ludlow.....	.do.	4 62
9039	.do.	W. L. Davis, Mahomet.....	.do.	4 17
9040	.do.	Mary Warner, Mahomet.....	.do.	4 62
9041	.do.	J. B. Skinner, Fithian.....	.do.	4 00
9042	.do.	Hungerford Bros., Loda.....	.do.	3 10
9043	.do.	J. W. Rhoads, Fisher.....	.do.	4 17
9044	.do.	S. Herriott, Seymour.....	.do.	4 09
9045	.do.	J. A. R. Koch, Mayview.....	.do.	4 51
9046	.do.	L. C. Wible, Ogden, R. F. D. No. 17.....	.do.	2 72

## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1915			
9047	June 3	W. C. Welch, Urbana, R. F. D. No. 12....	Creamery.....	\$ 4 06
9048	do....	W. W. Meyer, Urbana, R. F. D. No. 12....	do.....	1 74
9049	do....	J. W. Wilsey, Urbana, R. F. D.....	do.....	7 11
9050	do....	Kenneth McKenzie.....	Traveling expenses.....	81 00
9051	do....	Florence E. Watson.....	do.....	52 66
9052	do....	Inman Hotel.....	Entertaining Gen. Wood.....	3 00
9053	do....	J. A. Romig.....	Wages, May, 1915.....	35 62
9054	do....	Helen Buchen.....	do.....	28 25
9055	do....	Ralph Schecter.....	do.....	19 75
9056	do....	Mabel Warinner.....	do.....	19 70
9057	do....	Maybelle Dallenbach.....	do.....	15 80
9058	do....	Lilace Kidd.....	do.....	27 85
9059	do....	Elizabeth Judd.....	do.....	17 65
9060	do....	Mabel Fielding.....	do.....	59 85
9061	do....	H. F. Miller.....	Postage on literature.....	4 10
9062	do....	Mrs. Elsie Blaisdell.....	Laundry.....	4 84
9063	do....	L. E. Voorhees.....	Wages, May, 1915.....	12 75
9064	do....	G. H. Lindsey.....	do.....	11 10
9065	do....	A. Eleazarian.....	do.....	21 75
9066	do....	Paul Genand.....	do.....	1 80
9067	do....	R. F. Harvey.....	do.....	13 00
9068	do....	W. R. Jones.....	do.....	20 70
9069	do....	Wm. C. Kolmer.....	do.....	20 40
9070	do....	John Lamb, Jr.....	do.....	3 65
9071	do....	W. T. Mattin.....	do.....	33 05
9072	do....	John Munson.....	do.....	25 40
9073	do....	R. A. Powers.....	do.....	60
9074	do....	E. S. Axline.....	do.....	24 87
9075	do....	H. C. Eckstein.....	do.....	75 00
9076	do....	W. F. Campbell.....	do.....	16 42
9077	do....	A. Semple.....	do.....	22 72
9078	do....	H. A. Shonie.....	do.....	18 63
9079	do....	M. E. Slater.....	do.....	13 50
9080	do....	Helene Doty.....	do.....	1 75
9081	do....	W. F. Campbell.....	do.....	8 55
9082	do....	H. W. Cobley.....	do.....	1 20
9083	do....	F. L. Fields.....	do.....	2 50
9084	do....	Ivan Gill.....	do.....	8 20
9085	do....	C. H. Growe.....	do.....	2 20
9086	do....	Paul Hannush.....	do.....	8 70
9087	do....	Geo. Hedrick.....	do.....	19 80
9088	do....	N. F. Moore.....	do.....	11 80
9089	do....	Raymond Reese.....	do.....	21 00
9090	do....	H. A. Wright.....	do.....	1 90
9091	do....	F. W. Farley.....	do.....	19 80
9092	do....	L. L. Hunt.....	do.....	3 10
9093	do....	L. L. Hunt.....	do.....	2 75
9094	do....	Chas. H. Rehling.....	do.....	6 53
9095	do....	S. C. Skemp.....	do.....	5 25
9096	do....	Daniel E. Warren.....	do.....	75
9097	do....	W. W. Wilson.....	do.....	15 53
9098	do....	H. P. Greison.....	do.....	12 00
9099	do....	Max Rukin.....	do.....	24 00
9100	do....	S. C. Pung.....	do.....	7 80
9101	do....	H. M. Harper.....	do.....	21 70
9102	do....	E. G. Johnson.....	do.....	30 25
9103	do....	H. Jessen.....	do.....	22 88
9104	do....	Frank Leggett.....	do.....	20 00
9105	do....	H. H. Harris.....	do.....	19 25
9106	do....	P. A. Nowland.....	do.....	12 40
9107	do....	C. Jessen.....	do.....	22 00
9108	do....	I. W. Traxler.....	do.....	22 30
9109	do....	K. E. Giesendorfer.....	do.....	24 90
9110	do....	Ray Cooley.....	do.....	12 80
9111	do....	Floyd Carter.....	do.....	16 50
9112	do....	E. W. Hitchcock.....	do.....	11 60
9113	do....	Geo. Dungan.....	do.....	17 85
9114	do....	W. C. Choisser.....	do.....	14 80
9115	do....	D. E. Creighton.....	do.....	13 12
9116	do....	H. P. Kelley.....	do.....	22 25
9117	do....	O. M. McGhee.....	do.....	16 50
9118	do....	George J. Page.....	do.....	11 65
9119	do....	J. H. Hedgecock.....	do.....	16 00
9120	do....	E. F. Murphy.....	do.....	19 05
9121	do....	A. C. Hoffman.....	do.....	18 94
9122	do....	G. W. Salisbury.....	do.....	18 38



## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1915			
9123	June 3	C. E. Null.....	Wages, May, 1915.....	\$ 32 20
9124	do.	The Chester Transfer Co.....	Drayage.....	2 25
9125	do.	Beardsley Hotel.....	Accommodations for Legislative party.....	242 25
9126	do.	William H. Browne.....	Petty cash.....	170 92
9127	do.	Urbana & Champaign Ry., Gas & Electric Co.....	Gas.....	936 70
9128	do.	Mrs. F. E. McClughen.....	Labor.....	16 62
9129	do.	C. F. Miller.....	Petty cash.....	5 36
9130	do.	Ernst Hertzberg & Sons.....	Books.....	16 21
9131	do.	S. R. Farah.....	Wages, May, 1915.....	23 80
9132	do.	M. R. Edwards.....	do.....	2 80
9133	do.	R. E. McDowell.....	do.....	14 60
9134	do.	Lewis G. Stevenson.....	Certificate of car registration.....	2 35
9135	June 4	P. D. Amsbary.....	Military scholarship, 1914-15.....	24 00
9136	do.	R. D. Barnes.....	do.....	24 00
9137	do.	W. P. Beaubien.....	do.....	24 00
9138	do.	E. C. O. Beatty.....	do.....	24 00
9139	do.	K. Bell.....	do.....	24 00
9140	do.	J. A. Chase.....	do.....	24 00
9141	do.	D. W. Crane.....	do.....	24 00
9142	do.	George Curtiss.....	do.....	24 00
9143	do.	R. E. Denz.....	do.....	24 00
9144	do.	J. H. Gage.....	do.....	24 00
9145	do.	I. P. Greison.....	do.....	24 00
9146	do.	C. G. Hadden.....	do.....	12 00
9147	do.	G. F. Harvey.....	do.....	24 00
9148	do.	W. H. Hough.....	do.....	24 00
9149	do.	M. C. Johnson.....	do.....	24 00
9150	do.	A. M. Kircher.....	do.....	24 00
9151	do.	L. E. Lamkins.....	do.....	24 00
9152	do.	C. W. Lenzing.....	do.....	24 00
9153	do.	L. R. Lumley.....	do.....	24 00
9154	do.	R. S. Mason.....	do.....	24 00
9155	do.	C. W. McCumber.....	do.....	24 00
9156	do.	R. W. Miller.....	do.....	24 00
9157	do.	D. E. Miller.....	do.....	24 00
9158	do.	L. S. Morrill.....	do.....	24 00
9159	do.	L. E. Mulac.....	do.....	24 00
9160	do.	C. J. North.....	do.....	24 00
9161	do.	C. N. Owen.....	do.....	12 00
9162	do.	E. Pihlgard.....	do.....	24 00
9163	do.	L. W. Reese.....	do.....	24 00
9164	do.	B. P. Reinsch.....	do.....	24 00
9165	do.	H. T. Rogers.....	do.....	24 00
9166	do.	W. L. Rohlfing.....	do.....	24 00
9167	do.	B. I. Rutledge.....	do.....	24 00
9168	do.	R. L. Schiesswohl.....	do.....	24 00
9169	do.	G. S. Schaller.....	do.....	24 00
9170	do.	E. Shelby.....	do.....	24 00
9171	do.	W. W. Sheldon.....	do.....	24 00
9172	do.	H. A. Smith.....	do.....	24 00
9173	do.	A. G. Stemmayer.....	do.....	24 00
9174	do.	R. Steinmayer.....	do.....	24 00
9175	do.	K. S. Stice.....	do.....	24 00
9176	do.	A. G. Stonn.....	do.....	24 00
9177	do.	E. C. Swartwout.....	do.....	24 00
9178	do.	R. R. Thomas.....	do.....	24 00
9179	do.	F. M. VanNatter.....	do.....	24 00
9180	do.	S. N. Vibelius.....	do.....	24 00
9181	do.	W. C. Armstrong.....	do.....	24 00
9182	do.	G. H. Butler.....	do.....	24 00
9183	do.	L. D. Bow.....	do.....	24 00
9184	do.	H. E. Barden.....	do.....	24 00
9185	do.	I. R. Cline.....	do.....	24 00
9186	do.	S. S. Davis.....	do.....	24 00
9187	do.	B. H. Decker.....	do.....	24 00
9188	do.	A. R. Dillavou.....	do.....	24 00
9189	do.	L. H. Dunham.....	do.....	24 00
9190	do.	E. C. Elles.....	do.....	24 00
9191	do.	J. E. Fetherston.....	do.....	24 00
9192	do.	J. N. Greene.....	do.....	24 00
9193	do.	G. D. Griswold.....	do.....	24 00
9194	do.	A. H. Grunewald.....	do.....	24 00
9195	do.	G. W. Haan.....	do.....	24 00
9196	do.	R. L. Herman.....	do.....	24 00
9197	do.	M. E. Hoit.....	do.....	24 00
9198	do.	C. F. Hood.....	do.....	24 00

## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1915			
9199	June 4	A. H. Huisken	Military scholarship, 1914-15	\$ 24 00
9200	do.	E. A. James	do	24 00
9201	do.	L. D. Knapp	do	24 00
9202	do.	C. W. Lincoln	do	24 00
9203	do.	John H. Miller	do	24 00
9204	do.	C. A. Nebel	do	24 00
9205	do.	Roe Niver	do	24 00
9206	do.	W. K. Norris	do	24 00
9207	do.	E. R. P. Rall	do	24 00
9208	do.	C. L. Ritts	do	24 00
9209	do.	D. C. Scheele	do	24 00
9210	do.	M. E. Slater	do	24 00
9211	do.	G. D. Stopp	do	24 00
9212	do.	L. E. Thorne	do	24 00
9213	do.	R. R. Zipprodt	do	24 00
9214	do.	J. C. Hostetler	do	24 00
9215	June 5	P. P. Dunn	Dairy office	4 51
9216	do.	Van Carter, Homer	Creamery	4 87
9217	do.	John A. Bruhn, Homer	do	4 72
9218	do.	H. Allison, Homer	do	4 09
9219	do.	D. B. White, Homer	do	1 99
9220	do.	E. L. Martin, Homer	do	3 44
9221	do.	Mart Watson, Fithian	do	2 52
9222	do.	S. V. Mayhen, Fithian	do	3 95
9223	do.	C. G. Plottner, Fithian	do	3 89
9224	do.	May Diggs, Fithian	do	1 65
9225	do.	Guy Hobick, Fithian	do	4 42
9226	do.	L. A. Peters, Fithian	do	5 35
9227	do.	James Richards, Fithian	do	5 13
9228	do.	S. C. Payne, Fithian	do	2 91
9229	do.	J. F. Frances, Fithian	do	3 58
9230	do.	C. E. Ross, Savoy	do	5 15
9231	do.	B. Jordan, Savoy	do	5 21
9232	do.	T. F. Jordan, Savoy	do	6 50
9233	do.	W. E. Womacks, Ogden	do	2 55
9234	do.	S. T. Carter, Mahomet	do	3 78
9235	do.	Frank Watson, Muncie	do	3 22
9236	do.	Frank Meuser, Ludlow	do	4 38
9237	do.	Andrew Shields, Dewey	do	4 68
9238	do.	J. A. Daeger, Tolono	do	3 61
9239	do.	Paul Meuser, Rantoul	do	4 13
9240	do.	S. Lee Cox, Oakwood	do	3 14
9241	do.	R. B. Hubbart, Monticello	do	2 88
9242	do.	John Ridgeley, White Heath	do	2 41
9243	do.	Frank C. Kuder, St. Joseph	do	3 22
9244	do.	Frank Sheffer, Belleflower	do	5 09
9245	June 7	Chas. M. Webber	May mailings	1 91
9246	do.	W. H. Rayner	Traveling expenses	1 00
9247	do.	R. E. Himstedt	do	20 52
9248	do.	The Drake Hotel Co.	Board of Trustees' luncheons	25 90
9249	do.	Urbana & Champaign Ry., Gas & Electric Co.	Gas	17 10
9250	do.	The University Club	Traveling expenses	5 90
9251	do.	L. E. Knorr, Assistant Comptroller	Sundry bills	3 81
9252	do.	L. E. Knorr, Assistant Comptroller	Express bills	42 31
9253	do.	L. E. Knorr, Assistant Comptroller	General labor	618 95
9254	do.	L. E. Knorr, Assistant Comptroller	Student labor	578 20
9255	do.	L. E. Knorr, Assistant Comptroller	Rebates to students	92 00
9256	do.	J. E. Henderson	Dairy office	2 24
9257	do.	Geo. Schiff	do	6 83
9258	do.	O. A. McInnes	do	4 34
9259	do.	H. R. Shade	do	13 05
9260	do.	C. C. Gordon	do	1 54
9261	do.	John McCullough	do	4 62
9262	do.	Lou Creiger	do	3 64
9263	do.	E. Grove	do	3 22
9264	do.	Eli Grove	do	3 75
9265	do.	J. B. Marsh, Ogden	Creamery	5 29
9266	do.	Z. Alsip, Ogden	do	4 03
9267	do.	A. Ramert, Ogden	do	3 14
9268	do.	E. M. Frankenburg, Ogden	do	3 84
9269	do.	W. J. Wilson, Ogden	do	3 25
9270	do.	M. B. Allen, Homer	do	2 91
9271	do.	A. G. Krukewitt, Homer	do	2 94
9272	do.	Dale Price, Homer	do	2 91
9273	do.	W. E. Yount, Homer	do	5 49
9274	do.	Van Carter, Homer	do	4 71
9275	do.	Alf Ott, Homer	do	3 61

## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1915			
9276	June 7	S. M. Yeazel, Homer	Creamery	\$ 5 12
9277	do.	H. J. Michener, Homer	do	4 06
9278	do.	J. D. Perham, Homer	do	3 78
9279	do.	F. W. Howell, Homer	do	3 98
9280	do.	Macy Bros., Fithian	do	7 90
9281	do.	James Freeman, Fithian	do	5 21
9282	do.	J. B. Skinner, Fithian	do	3 72
9283	do.	J. H. Rutten, Fithian	do	4 03
9284	do.	J. D. Pulliam, Fithian	do	4 26
9285	do.	Chas. Eichorst, Pesotum	do	4 56
9286	do.	F. A. Nofftz, Pesotum	do	4 73
9287	do.	L. F. Bialeschski, Pesotum	do	3 89
9288	do.	W. J. Baker, Ponti	do	2 89
9289	do.	C. E. Hopkins, Ponti	do	4 26
9290	do.	S. Lee Cox, Oakwood	do	3 13
9291	do.	Frank Knox, Mahomet	do	3 75
9292	do.	R. H. McAlister, Muncie	do	4 14
9293	do.	Wm. Johnson, Allerton	do	4 70
9294	do.	G. W. VanMeter, Savoy	do	3 78
9295	do.	H. E. Ward, Dewey	do	5 81
9296	do.	Wm. H. Ordell, Philo	do	4 44
9297	do.	J. W. Willsey, Urbana	do	4 62
9298	do.	Chas. Wagner, St. Joseph	do	4 12
9299	do.	R. B. Hubbard, Monticello	do	3 53
9300	do.	J. A. R. Koch, Mayview	do	4 20
9301	do.	Mrs. Pearl E. Krugh, Ogden, R. F. D. No. 18	do	2 69
9302	do.	H. Eaton, Urbana, R. F. D. No. 9	do	1 98
9303	June 8	L. E. Knorr, Assistant Comptroller	Bills paid on account of student labor	551 07
9304	do.	L. E. Knorr, Assistant Comptroller	Express bills	31 52
9305	do.	L. E. Knorr, Assistant Comptroller	do	42 57
9306	do.	J. W. Butler Paper Co.	Office supplies	95 37
9307	do.	J. L. Pickering, Collector	Registration and tax stamp	1 00
9308	do.	First National Bank (On account of Ludwig Moler)	Subscription	2 75
9309	do.	Ernst Hertzberg & Sons	Books	1 43
9310	do.	L. S. Baldwin	Wages, May, 1915	92 60
9311	do.	E. Davenport	Traveling expenses	8 95
9312	do.	J. Lawrence Erb	do	9 84
9313	do.	Robt. Graham	Dairy office	6 06
9314	do.	Ralph Smith	do	3 44
9315	do.	Geo. Taylor	do	1 23
9316	do.	E. F. Lyons	do	2 55
9317	do.	H. I. Nelson	do	3 92
9318	do.	A. R. Grindley	do	4 32
9319	do.	Fritz Schweinecke, Homer	Creamery	4 48
9320	do.	Van Carter, Homer	do	4 68
9321	do.	Lou Labka, Homer	do	4 59
9322	do.	Elmer Whole, Homer	do	4 17
9323	do.	T. M. Ghore, Homer	do	4 70
9324	do.	John Rueb, Fithian	do	3 14
9325	do.	Earl Dickson, Fithian	do	3 81
9326	do.	May Diggs, Fithian	do	2 41
9327	do.	Mrs. L. A. Peters, Fithian	do	4 84
9328	do.	W. J. Kelley, Loda	do	3 10
9329	do.	Hungerford Bros., Loda	do	2 93
9330	do.	Mary Warner, Mahomet	do	4 45
9331	do.	J. W. Rhoades, Fisher	do	4 12
9332	do.	C. E. Fisher, Savoy	do	3 36
9333	do.	C. E. Ross, Savoy	do	5 60
9334	do.	John Ingleman, Rantoul	do	4 54
9335	do.	T. F. Jordan, Savoy	do	8 76
9336	do.	B. Jordan, Savoy	do	6 82
9337	do.	Frank Watson, Muncie	do	4 03
9338	do.	Joe Maxwell, Muncie	do	2 49
9339	do.	J. H. Evans, Dewey	do	3 92
9340	do.	Thos. H. Barker, Bondville	do	3 53
9341	do.	Lou Rohrscheib, Sidney	do	1 73
9342	do.	R. B. Hubbard, Monticello	do	4 03
9343	do.	Fred Rein, Urbana	do	12 26
9344	do.	H. Eaton, Urbana, R. F. D. No. 99	do	3 96
9345	do.	J. Jarrett, Urbana, R. F. D.	do	3 47
9346	June 9	Ethel G. Kratz	Wages, May, 1915	19 75
9347	do.	L. E. Knorr, Assistant Comptroller	Bills paid	337 85
9348	do.	E. H. Pool	Scholarship, 1914-15	24 00
9349	do.	A. M. Barreau	do	24 00
9350	do.	B. H. Clark	do	12 00
9351	do.	J. G. Eppinger	do	24 00

## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1915			
9352	June 9	Fred Pine	Live stock	\$ 15 86
9353	do.	Ritchie Brothers	Prints	2 20
9354	do.	J. W. Butler Paper Co.	Office supplies	25 82
9355	do.	A. H. Upham	Traveling expenses	11 58
9356	do.	Maj. Gen. Leonard Wood	do.	173 35
9357	June 10	M. E. Simonson, Astoria	Creamery	8 06
9358	do.	Monmouth Creamery Co., Monmouth	do.	16 74
9359	do.	F. Grimm, Savanna	do.	2 44
9360	do.	Richmond Bros., Waterman	do.	2 60
9361	do.	Beecher City Creamery, Beecher City	do.	8 31
9362	do.	P. J. Peterson, Round Lake	do.	5 40
9363	do.	Centralia Creamery Co., Centralia	do.	8 37
9364	do.	A. J. Spohn, Morrison	do.	8 64
9365	do.	Newton Creamery Co., Newton	do.	8 01
9366	do.	H. E. Siegman, Bogota	do.	16 39
9367	do.	J. W. Butler Paper Co.	Office supplies	66 76
9368	do.	Illinois Traction System	Freight	214 11
9369	do.	Illinois Central Ry. Co.	do.	13 52
9370	do.	The Big Four Ry. Co.	do.	52 71
9371	do.	John McCullough	Dairy office	7 61
9372	do.	R. S. McInnes	do.	1 01
9373	do.	O. A. McInnes	do.	3 92
9374	do.	C. C. Gordon	do.	2 74
9375	do.	E. J. Percival	do.	3 00
9376	do.	M. Hudson	do.	5 04
9377	do.	D. Wilkins	do.	4 87
9378	do.	E. Grove	do.	4 70
9379	do.	Eli Grove	do.	3 61
9380	do.	Lou Creiger	do.	4 82
9381	do.	J. E. Henderson	do.	2 46
9382	do.	Fred Thompson	do.	2 18
9383	do.	R. A. Lumsden	do.	4 73
9384	do.	R. T. Lumsden	do.	4 23
9385	do.	T. W. Richards, Homer	Creamery	3 47
9386	do.	C. R. Beavers, Homer	do.	5 60
9387	do.	G. B. Giddings, Homer	do.	6 44
9388	do.	Chas. Wilson, Homer	do.	3 36
9389	do.	E. L. Martin, Homer	do.	3 56
9390	do.	W. E. Satterfield, Homer	do.	5 07
9391	do.	Frank Stadden, Homer	do.	4 03
9392	do.	Alf Ott, Homer	do.	3 64
9393	do.	Fred Krukewitt, Homer	do.	3 53
9394	do.	Dale Price, Homer	do.	3 11
9395	do.	F. W. Howell, Homer	do.	2 77
9396	do.	Harvey Ray, Homer	do.	1 74
9397	do.	Geo. Hurst, Homer	do.	4 37
9398	do.	Grant Freeman, Ogden	do.	5 01
9399	do.	N. Hahn, Ogden	do.	2 91
9400	do.	Wm. Case, Ogden	do.	4 59
9401	do.	James Fisher, Ogden	do.	4 48
9402	do.	W. J. Wilson, Ogden	do.	2 52
9403	do.	P. J. Wagner, Ogden	do.	5 54
9404	do.	Ed. Fisher, Ogden	do.	3 53
9405	do.	Herman Denhart, Ogden	do.	4 76
9406	do.	W. A. Bradley, Fithian	do.	4 93
9407	do.	J. B. Skinner, Fithian	do.	3 61
9408	do.	S. V. Mayhen, Fithian	do.	4 31
9409	do.	Guy Hobick, Fithian	do.	4 70
9410	do.	W. J. Baker, Fithian	do.	3 03
9411	do.	C. E. Hopkins, Tonti	do.	3 94
9412	do.	Mary Warner, Mahomet	do.	4 23
9413	do.	W. L. Davis, Mahomet	do.	4 12
9414	do.	Frank Reinhart, Dewey	do.	9 13
9415	do.	A. Shields, Dewey	do.	8 12
9416	do.	Hungerford Bros., Loda	do.	3 47
9417	do.	R. T. Slater, Loda	do.	2 97
9418	do.	C. M. Snook, Fisher	do.	2 63
9419	do.	G. W. VanMeter, Savoy	do.	4 79
9420	do.	F. B. Seimer, Muncie	do.	3 39
9421	do.	F. A. Nofftz, Pesotum	do.	4 62
9422	do.	H. R. Shade, Urbana	do.	5 91
9423	do.	J. A. R. Koch, Mayview	do.	4 79
9324	do.	Anna Lafenhazen, Sidney, R. F. D. No. 58	do.	4 48
9425	do.	W. C. Welch, Urbana, R. F. D.	do.	4 03
9426	do.	W. W. Myer, Urbana, R. F. D.	do.	2 16
9427	do.	J. W. Willsey, Urbana, R. F. D.	do.	5 01
9428	do.	H. M. Correy, Urbana, R. F. D. No. 8	do.	3 75
9429	do.	H. O. Rugg	Engrossing diplomas	78 57

## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1915			
9430	June 11	The Wabash R. R. Co.	Freight.	\$ 20 89
9431	..do....	T. C. Trueblood.	Clerical expense of Council of Oratory.	1 25
9432	..do....	G. N. Merry.	Share of deficit of N. O. L. Contest	13 04
9433	..do....	R. E. Himstedt.	Traveling expense.	5 00
9434	..do....	W. H. Browne.	Traveling expense.	24 60
9435	..do....	Twin City Roofing Co.	Building material.	11 40
9436	June 14	J. L. Erb.	Music.	4 00
9437	..do....	Guy G. Mills.	Salary as instructor.	50 00
9438	..do....	Ed. Lerch.	Cutting stencils.	18 68
9439	..do....	Clyde C. Younglove.	Wages, May, 1915.	18 85
9440	..do....	The University Club of Urbana and Cham- paign.	Luncheon, Board of Trustees.	11 30
9441	..do....	L. E. Knorr, Assistant Comptroller.	Student labor.	474 09
9442	..do....	L. E. Knorr, Assistant Comptroller.	..do.	193 55
9443	..do....	L. E. Knorr, Assistant Comptroller.	Rebates to students.	69 50
9444	..do....	L. E. Knorr, Assistant Comptroller.	Sundry bills paid.	81 09
9445	June 13	Geo. Taylor.	Dairy office.	1 90
9446	..do....	W. E. Yount, Homer.	Creamery.	4 59
9447	..do....	H. J. Michener, Homer.	..do.	2 74
9448	..do....	J. D. Perham, Homer.	..do.	4 03
9449	..do....	Clint Harry, Fithian.	..do.	3 64
9450	..do....	Harry Sperry, Fithian.	..do.	4 83
9451	..do....	Earl Dickson, Fithian.	..do.	2 88
9452	..do....	Macy Bros., Fithian.	..do.	7 76
9453	..do....	Ora A. Knight, Fithian.	..do.	4 87
9454	..do....	T. F. Jordan, Savoy.	..do.	7 82
9455	..do....	Clyde Fisher, Savoy.	..do.	3 05
9456	..do....	C. E. Ross, Savoy.	..do.	3 56
9457	..do....	B. Jordan, Savoy.	..do.	4 50
9458	..do....	S. H. Porterfield, Allerton.	..do.	3 52
9459	..do....	Wm. Johnson, Allerton.	..do.	5 26
9460	..do....	R. H. McAlister, Muncie.	..do.	3 61
9461	..do....	J. H. Evans, Dewey.	..do.	4 68
9462	..do....	F. A. Nofftz, Pesotum.	..do.	4 70
9463	..do....	Frank Meuser, Ludlow.	..do.	4 68
9464	..do....	S. P. Cary, White Heath.	..do.	1 90
9465	..do....	S. Lee Cox, Oakwood.	..do.	3 00
9466	..do....	E. B. Hubbard, Monticello.	..do.	3 36
9467	..do....	C. J. Kissacks, Armstrong.	..do.	5 17
9468	..do....	Frank C. Kuder, St. Joseph.	..do.	1 54
9469	..do....	T. F. Lyons.	Dairy office.	3 44
9470	..do....	E. J. Percival.	..do.	3 50
9471	..do....	Lou Creiger.	..do.	4 42
9472	..do....	E. Grove.	..do.	4 00
9473	..do....	Eli Grove.	..do.	3 25
9474	..do....	Geo. Schiff.	..do.	8 12
9475	..do....	C. C. Gordon.	..do.	2 24
9476	..do....	O. A. McInnes.	..do.	4 17
9477	..do....	P. P. Dunn.	..do.	3 08
9478	..do....	A. Ramert, Ogden.	Creamery.	2 67
9479	..do....	Z. Alsip, Ogden.	..do.	3 89
9480	..do....	W. J. Downing, Ogden.	..do.	4 14
9481	..do....	J. B. Marsh, Ogden.	..do.	5 21
9482	..do....	Nicholas Hahn, Ogden.	..do.	4 87
9483	..do....	Geo. Hurst, Homer.	..do.	4 26
9484	..do....	Harvey Ray, Homer.	..do.	1 54
9485	..do....	Van Carter, Homer.	..do.	5 15
9486	..do....	G. L. Magers, Homer.	..do.	4 27
9487	..do....	S. M. Yeazel, Homer.	..do.	5 26
9488	..do....	E. L. Martin, Homer.	..do.	3 47
9489	..do....	F. Stadden, Homer.	..do.	2 99
9490	..do....	J. A. Morgan, Homer.	..do.	4 75
9491	..do....	Fay Sadler, Fithian.	..do.	3 28
9492	..do....	John McCullough.	Dairy office.	4 09
9493	..do....	James Freeman, Fithian.	Creamery.	5 26
9494	..do....	J. T. Denhart, Fithian.	..do.	4 03
9495	..do....	Wm. VanBuskirk, Fithian.	..do.	4 98
9496	..do....	Mrs. J. H. Rutan, Fithian.	..do.	3 53
9497	..do....	J. D. Pulliam, Fithian.	..do.	3 75
9498	..do....	J. B. Skinner, Fithian.	..do.	3 44
9499	..do....	S. T. Carter, Seymour.	..do.	4 00
9500	..do....	S. Herriott, Seymour.	..do.	3 86
9501	..do....	Hartley Shields, Dewey.	..do.	3 56
9502	..do....	Paul Meuser, Rantoul.	..do.	3 78
9503	..do....	L. F. Bialeschski, Pesotum.	..do.	3 78
9504	..do....	W. J. Baker, Tonti.	..do.	2 94
9505	..do....	Gus Patterson, Muncie.	..do.	3 84
9506	..do....	J. A. R. Koch, Mayview.	..do.	2 97

## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
1915				
9507	June 13	Chas. Wagner, St. Joseph.	Creamery.	\$ 3 86
9508	..do.	W. C. Welch, Urbana, R. F. D. No. 12.	..do.	3 02
9509	..do.	H. Eaton, Urbana, R. F. D. No. 9.	..do.	6 12
9510	..do.	B. Miner, Champaign, R. F. D. No. 3.	..do.	5 23
9511	June 15	E. V. Allen.	Military and band scholarship.	24 00
9512	..do.	M. C. Alvea.	..do.	24 00
9513	..do.	E. J. Anderle.	..do.	24 00
9514	..do.	T. H. Burrell.	..do.	24 00
9515	..do.	E. G. Bucher.	..do.	24 00
9516	..do.	K. A. Clark.	..do.	24 00
9517	..do.	H. T. Gaulhofer.	..do.	24 00
9518	..do.	R. de la Garza.	..do.	24 00
9519	..do.	W. A. Garward.	..do.	24 00
9520	..do.	J. F. Gauger.	..do.	24 00
9521	..do.	H. D. Gogerty.	..do.	24 00
9522	..do.	R. B. Greenberg.	..do.	24 00
9523	..do.	T. C. Hahn.	..do.	24 00
9524	..do.	C. D. Hawkson.	..do.	24 00
9525	..do.	L. B. Hiebel.	..do.	24 00
9526	..do.	M. E. Hinds.	..do.	24 00
9527	..do.	C. E. Hungerford.	..do.	24 00
9528	..do.	James Kanter.	..do.	24 00
9529	..do.	W. J. Kirby.	..do.	24 00
9530	..do.	E. S. Krieger.	..do.	24 00
9531	..do.	N. J. Lehiart.	..do.	24 00
9532	..do.	W. N. Leonard.	..do.	24 00
9533	..do.	G. I. Lindberg.	..do.	24 00
9534	..do.	H. E. Lott.	..do.	24 00
9535	..do.	E. J. McCalland.	..do.	24 00
9536	..do.	W. B. McMillen.	..do.	24 00
9537	..do.	F. Ben. Meisenhelder.	..do.	24 00
9538	..do.	F. W. Rohman.	..do.	24 00
9539	..do.	D. L. Olrich.	..do.	24 00
9540	..do.	R. H. Purdy.	..do.	24 00
9541	..do.	R. H. Rapp.	..do.	24 00
9542	..do.	R. E. Bauley.	..do.	6 00
9543	..do.	S. J. Bass.	..do.	6 00
9544	..do.	S. B. Brown.	..do.	6 00
9545	..do.	Carl Clegg.	..do.	6 00
9546	..do.	D. E. Compton.	..do.	6 00
9547	..do.	R. E. Davis.	..do.	6 00
9548	..do.	D. G. Edwards.	..do.	6 00
9549	..do.	F. F. Goldsmith.	..do.	6 00
9550	..do.	A. W. Harz.	..do.	6 00
9551	..do.	L. E. Hill.	..do.	6 00
9552	..do.	E. J. Jones.	..do.	6 00
9553	..do.	Kavin Kennedy.	..do.	6 00
9554	..do.	L. M. Lindsey.	..do.	6 00
9555	..do.	R. S. Mason.	..do.	6 00
9556	..do.	L. O. Mitchell.	..do.	6 00
9557	..do.	E. E. Newcomb.	..do.	6 00
9558	..do.	R. T. Olmsted.	..do.	6 00
9559	..do.	E. H. Renner.	..do.	6 00
9560	..do.	F. S. Shy.	..do.	6 00
9561	..do.	R. H. Smith.	..do.	6 00
9562	..do.	F. L. Stevenson.	..do.	6 00
9563	..do.	E. D. Swanson.	..do.	6 00
9564	..do.	G. C. Tanton.	..do.	6 00
9565	..do.	G. W. Unger.	..do.	6 00
9566	..do.	W. I. Wirth.	..do.	6 00
9567	..do.	H. G. Winans.	..do.	6 00
9568	..do.	F. F. Woodratt.	..do.	6 00
9569	..do.	F. M. Lescher.	..do.	6 00
9570	..do.	B. L. Krk.	..do.	6 00
9571	..do.	L. F. Habbing.	..do.	6 00
9572	..do.	O. A. Hong.	..do.	6 00
9573	..do.	J. L. Raeliffe.	..do.	24 00
9574	..do.	F. E. Richart.	..do.	24 00
9575	..do.	P. H. Rogers.	..do.	24 00
9576	..do.	K. V. Root.	..do.	24 00
9577	..do.	G. B. Ruby.	..do.	24 00
9578	..do.	R. I. Shawl.	..do.	24 00
9579	..do.	H. L. Slack.	..do.	24 00
9580	..do.	V. T. Stevens.	..do.	24 00
9581	..do.	T. J. Strong.	..do.	24 00
9582	..do.	T. S. Tanner.	..do.	24 00
9583	..do.	C. F. Weingartner.	..do.	24 00
9584	..do.	..do.	..do.	24 00

## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1915			
9585	June 15	E. G. Wilkinsen	Military and band scholarship	\$ 24 00
9586	do.	Douglas Wright	do.	24 00
9587	do.	E. G. Young	do.	24 00
9588	do.	R. B. Zinser	do.	24 00
9589	June 16	Fred Thompson	Dairy office	1 76
9590	do.	J. E. Henderson	do.	2 97
9591	do.	Ralph Smith	do.	2 60
9592	do.	E. L. Lyons	do.	3 44
9593	do.	A. R. Grindley	do.	2 88
9594	do.	H. I. Nelson	do.	3 58
9595	do.	G. W. VanMeter, Savoy	Creamery	8 57
9596	do.	B. Jordan, Savoy	do.	5 99
9597	do.	C. E. Ross, Savoy	do.	4 84
9598	do.	T. F. Jordan, Savoy	do.	8 74
9599	do.	W. E. Yount, Homer	do.	4 26
9600	do.	Lon Libka, Homer	do.	3 92
9601	do.	John A. Bruhn, Homer	do.	4 34
9602	do.	H. Allison, Homer	do.	3 81
9603	do.	T. M. Ghere, Homer	do.	3 77
9604	do.	Van Carter, Homer	do.	4 93
9605	do.	C. R. Beavers, Homer	do.	5 07
9606	do.	L. E. Jenkins, Fithian	do.	4 26
9607	do.	L. A. Peters, Fithian	do.	5 16
9608	do.	Guy Hobick, Fithian	do.	4 59
9609	do.	S. V. Mayhen, Fithian	do.	4 45
9610	do.	W. A. Bradley, Fithian	do.	4 82
9611	do.	John Rueb, Fithian	do.	3 61
9612	do.	I. C. Wible, Ogden	do.	2 90
9613	do.	Wm. Case, Ogden	do.	4 03
9614	do.	John Ridgeley, White Heath	do.	2 00
9615	do.	S. R. Cary, White Heath	do.	3 42
9616	do.	A. Shields, Dewey	do.	3 70
9617	do.	Frank Meuser, Ludlow	do.	5 18
9618	do.	J. W. Rhoads, Fisher	do.	4 42
9619	do.	E. L. Cox, Oakwood	do.	5 05
9620	do.	E. B. Hubbard, Monticello	do.	6 16
9621	do.	J. Jarrett, Urbana, R. F. D.	do.	4 42
9622	do.	H. R. Shade, Urbana, R. F. D. No. 9	do.	5 94
9623	do.	D. Miner, Champaign, R. F. D. No. 3	do.	4 09
9624	June 17	David Kinley	Traveling expense	62 62
9625	do.	The Letter Shop	Mimeographing	1 60
9626	do.	J. W. Butler Paper Co	Office supplies	53 06
9627	do.	Theodore C. Pease	Traveling expenses	9 20
9628	do.	W. W. Lindley	Service to members of General Assembly and party	263 20
9629	do.	Goder-Heinmann Co.	Books	12 20
9630	do.	J. W. Butler Paper Co	Office supplies	22 12
9631	do.	R. C. Wagner & Son	Team hauling	63 25
9632	do.	A. C. McClurg & Co.	Books	5 40
9633	do.	P. L. Windsor	Traveling expenses	20 87
9634	do.	Indian Refining Co.	Oil	340 64
9635	do.	The Wabash R. Ry.	Freight	37 40
9636	do.	The Big Four R. Ry. Co.	do.	52 04
9637	do.	Illinois Traction System	do.	195 30
9638	do.	Illinois Central R. Ry. Co.	do.	17 57
9639	do.	E. Rogers, Treasurer	Assessment in main ditch, Big Slough Drainage District	3 46
9640	do.	H. E. Cunningham	Tickets for Senate luncheon	14 00
9641	do.	Anton Roland	Rent for quarter ending June 15, 1915	175 00
9642	do.	Paul Hannush	Wages, June, 1915	5 40
9643	do.	J. M. Lindgren	do.	75 00
9644	do.	H. E. Cunningham	Senate luncheon tickets	6 00
9645	June 18	O. A. McInnes	Dairy office	4 21
9646	do.	C. C. Gordon	do.	3 01
9647	do.	Geo. Schiff	do.	4 75
9648	do.	Lou Creiger	do.	3 89
9649	do.	Eli Grove	do.	4 10
9650	do.	E. Grove	do.	4 43
9651	do.	John Englehardt	do.	1 19
9652	do.	John McCullough	do.	6 70
9653	do.	H. M. Covey	do.	3 02
9654	do.	N. Hudson	do.	4 91
9655	do.	R. A. Lumsden	do.	4 71
9656	do.	R. T. Lumsden	do.	4 05
9657	do.	D. Wilkins	do.	3 59
9658	do.	Geo. Taylor	do.	1 17
9659	do.	J. D. Perham, Homer	Creamery	3 78

## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1915			
9660	June 18	E. L. Martin, Homer	Creamery	\$ 3 56
9661	do.	Fritz Schweineke, Homer	do	4 32
9662	do.	Alf. Ott, Homer	do	3 48
9663	do.	W. E. Satterfield, Homer	do	4 05
9664	do.	Arthur Morgan, Homer	do	4 21
9665	do.	Chas. Wilson, Homer	do	3 19
9666	do.	H. J. Michener, Homer	do	3 53
9667	do.	Dale Prize, Homer	do	4 64
9668	do.	J. A. Bruhn, Homer	do	3 74
9669	do.	Fred Krukewitt, Homer	do	3 16
9670	do.	F. Stadden, Homer	do	3 40
9671	do.	W. J. Wilson, Ogden	do	2 32
9672	do.	P. J. Wagner, Ogden	do	7 16
9673	do.	W. E. Wornachs, Ogden	do	2 78
9674	do.	James Fisher, Ogden	do	3 38
9675	do.	E. M. Frankenburg, Ogden	do	3 83
9676	do.	Herman Denhart, Ogden	do	4 08
9677	do.	A. Ramert, Ogden	do	3 37
9678	do.	J. C. Shrock, Dewey	do	4 07
9679	do.	A. Shields, Dewey	do	3 96
9680	do.	J. H. Evans, Dewey	do	4 18
9681	do.	Henry Reinhardt, Dewey	do	3 33
9682	do.	Macy Bros., Fithian	do	7 13
9683	do.	J. F. Frances, Fithian	do	4 21
9684	do.	J. B. Skinner, Fithian	do	3 46
9685	do.	J. Van Kirk, Fithian	do	2 21
9686	do.	Frank Knox, Mahomet	do	3 85
9687	do.	W. L. Davis, Mahomet	do	4 18
9688	do.	C. E. Hopkins, Tonti	do	5 42
9689	do.	W. J. Baker, Tonti	do	2 37
9690	do.	L. F. Bialeschski, Pesotum	do	3 45
9691	do.	F. A. Nofitz, Pesotum	do	4 80
9692	do.	Wm. Huffman, Armstrong	do	4 58
9693	do.	W. C. Welch, Urbana, R. F. D.	do	2 65
9694	do.	H. Eaton, Urbana, R. F. D. No. 9	do	6 54
9695	June 17	W. B. Castenholz	Traveling expenses	7 45
9696	June 19	T. F. Jordan, Savoy	Creamery	6 50
9697	do.	G. W. VanMeter, Savoy	do	3 35
9698	do.	C. E. Ross, Savoy	do	4 03
9699	do.	C. E. Fisher, Savoy	do	3 46
9700	do.	B. Jordan, Savoy	do	4 78
9701	do.	F. B. Seimer, Muncie	do	1 61
9702	do.	R. H. McAlister, Muncie	do	3 22
9703	do.	F. W. Howell, Homer	do	3 19
9704	do.	W. E. Yount, Homer	do	4 00
9705	do.	S. M. Yeazel, Homer	do	4 94
9706	do.	Geo. Hurst, Homer	do	4 24
9707	do.	Elmer Whole, Homer	do	3 73
9708	do.	Claude Jenks, Homer	do	2 72
9709	do.	Theodore Green, Homer	do	4 12
9710	do.	T. M. Ghere, Homer	do	4 19
9711	do.	Van Carter, Homer	do	4 62
9712	do.	Ed. Canady, Homer	do	2 66
9713	do.	Earl Dickson, Fithian	do	3 70
9714	do.	W. A. Bradley, Fithian	do	4 48
9715	do.	Mrs. J. H. Ruten, Fithian	do	2 46
9716	do.	John Rueb, Fithian	do	3 48
9717	do.	Mary Warner, Mahomet	do	8 71
9718	do.	John Ingelman, Rantoul	do	4 23
9719	do.	Wm. Johnson, Allerton	do	2 95
9720	do.	J. A. Daeger, Tolono	do	7 75
9721	do.	F. A. Nofitz, Pesotum	do	3 43
9722	do.	S. P. Cary, White Heath	do	2 73
9723	do.	Thos. H. Barker, Bondville	do	3 81
9724	do.	F. Sheffer, Bellflower	do	4 75
9725	do.	R. B. Hubbard, Monticello	do	3 89
9726	do.	H. R. Shade, Urbana, R. F. D. No. 9	do	4 70
9727	do.	The Big Four R. R. Co.	Freight	98 22
9728	do.	The Wabash R. R.	do	1 36
9729	do.	The Big Four R. R. Co. (Urbana)	do	2 76
9730	do.	B. G. Teubner	Zeitschrift fur Mathematik und Physik	2 54
9731	do.	L. E. Knorr, Assistant Comptroller	Rebates to students	35 00
9732	do.	C. E. O'Donnell, Treasurer	Assessment on land in section 23, T. 22, R. 9	13 77
9733	June 22	A. R. Grindley	Dairy office	2 04
9734	do.	H. I. Nelson	do	3 19
9735	do.	Geo. Taylor	do	1 29



## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1915			
9736	June 2	T. P. Lyons	Dairy office	\$ 2 86
9737	do	C. C. Gordon	do	2 82
9738	do	O. A. McInnes	do	4 84
9739	do	John McCullough	do	5 10
9740	do	Geo. Schiff	do	3 35
9741	do	J. E. Henderson	do	2 48
9742	do	P. P. Dunn	do	2 40
9743	do	Lou Creiger	do	3 89
9744	do	E. Grove	do	3 70
9745	do	Eli Grove	do	4 21
9746	do	Harvey Ray, Homer	Creamery	1 83
9747	do	Chas. Wilson, Homer	do	2 59
9748	do	Alf. Ott, Homer	do	2 43
9749	do	Lon Libka, Homer	do	3 65
9750	do	G. B. Giddings, Homer	do	4 24
9751	do	Z. Alsip, Ogden	do	3 32
9752	do	J. B. Marsh, Ogden	do	3 65
9753	do	May Diggs, Fithian	do	2 46
9754	do	James Freeman, Fithian	do	4 32
9755	do	J. B. Skinner, Fithian	do	3 05
9756	do	Clint Harvey, Fithian	do	4 16
9757	do	Guy Hobick, Fithian	do	4 00
9758	do	C. E. Hopkins, Tonti	do	4 04
9759	do	W. J. Baker, Tonti	do	2 72
9760	do	W. J. Kelley, Loda	do	1 72
9761	do	F. J. Messmann, Sadorus	do	4 10
9762	do	Chas. Wagner, St. Joseph	do	4 21
9763	do	J. A. R. Koch, Mayview	do	4 75
9764	do	D. Miner, Champaign, R. F. D. No. 3	do	4 62
9765	do	H. Eaton, Urbana, R. F. D. No. 9	do	3 48
9766	do	F. R. Powers	Military and band scholarship	12 00
9767	do	R. W. Schecter	do	12 00
9768	do	A. R. Wilson	do	12 00
9769	do	American Museum of Natural History	Last subscription to Crockerland Fund	2,500 00
9770	do	Harvard University Press	Books	5 50
9771	do	W. F. Gephart	Traveling expenses	13 36
9772	do	Frank B. Earle	Interest on high school bonds of the College of Physicians and Surgeons	3,302 70
9773	do	Chicago Savings Bank & Trust Co.	Interest on bonds of the College of Physicians and Surgeons	1,818 00
9774	do	Louis E. Larson	Interest on the board of education notes	1,400 00
9775	do	Inman Hotel	Rooms for General Assembly	254 00
9776	do	L. E. Knorr	Student labor	315 23
9777	do	L. E. Knorr	Express bills	58 23
9778	do	L. E. Knorr	do	38 36
9779	do	J. E. Fetherston	Student assistant	22 00
9780	June 23	Ralph Smith	Dairy office	2 91
9781	do	T. P. Lyons	do	3 51
9782	do	W. E. Yount, Homer	Creamery	4 00
9783	do	E. L. Martin, Homer	do	3 59
9784	do	J. D. Perham, Homer	do	3 54
9785	do	Harvey Allison, Homer	do	3 83
9786	do	G. Freeman, Ogden	do	3 29
9787	do	H. Denhart, Ogden	do	4 24
9788	do	T. F. Jordan, Savoy	do	9 63
9789	do	B. Jordan, Savoy	do	3 42
9790	do	C. C. Ross, Savoy	do	5 70
9791	do	Clyde Fisher, Savoy	do	3 35
9792	do	A. Shields, Savoy	do	4 07
9793	do	J. H. Evans, Dewey	do	4 48
9794	do	Hartley Shields, Dewey	do	2 43
9795	do	Frank Rheinhardt, Dewey	do	3 56
9796	do	Macy Bros., Fithian	do	7 67
9797	do	Harry Sperry, Fithian	do	3 89
9798	do	Mrs. L. A. Peters, Fithian	do	4 51
9799	do	John Rueb, Fithian	do	3 54
9800	do	Ora A. Knight, Fithian	do	4 51
9801	do	S. C. Payne, Fithian	do	2 75
9802	do	F. H. Douglas, Fithian	do	3 65
9803	do	R. B. Hubbard, Monticello	do	3 16
9804	do	R. B. Hubbard, Monticello	do	4 64
9805	do	Chas. Eichorst, Pesotum	do	3 99
9806	do	L. F. Bialeschski, Pesotum	do	3 61
9807	do	Frank Meuser, Ludlow	do	4 70
9808	do	S. P. Cary, White Heath	do	3 75

## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
9809	1915 June 23	G. M. Snook, Fisher	Creamery.....	\$ 3 07
9810	do	S. Carter, Mahomet.	do	3 86
9811	do	John A. Bryum, Sidney.	do	3 96
9812	do	S. L. Cox, Oakwood.	do	3 05
9813	do	D. Miner, Champalagn, R. F. D.	do	4 43
9814	do	J. Jarrett, Urbana, R. F. D.	do	4 05
9815	do	J. D. White.	Stamped envelopes.	110 00
9816	do	L. E. Knorr, Assistant Comptroller.	Bills paid on account of general labor from June 12, to June 19.	361 00
9817	do	W. B. Castenholz.	Traveling expenses.	9 84
9818	do	Ernst Hertzberg & Sons.	Books.....	3 00
9819	June 26	Eckblaw, K. J. T.	Salary, June 1915	69 12
9820	do	Jahr, M. E.	do	136 35
9821	do	Newell, C. R.	do	110 66
9822	do	Reed, C. O.	do	291 66
9823	do	Smith, L. H.	do	150 00
9824	do	Durst, C. E.	do	416 66
9825	do	Blair, J. C.	do	150 00
9826	do	Allison, I. D.	do	70 00
9827	do	Brown, H. D.	do	100 00
9828	do	Hutchinson, James.	do	100 00
9829	do	Munroe, F. W.	do	132 33
9830	do	Feltner, G. L.	do	50 00
9831	do	Rees, C. C.	do	60 00
9832	do	Engels, D. T.	do	41 66
9833	do	Atlee, F. A.	do	116 66
9834	do	Miller, Wilhelm.	do	250 00
9835	do	Blaney, E. V.	do	116 66
9836	do	VanKleeck, J. R.	do	83 33
9837	do	Deal, Edwin.	do	41 66
9838	do	Harper, Julia.	do	65 00
9839	do	Vorzel, Hazel.	do	60 00
9840	do	Hayward, N. Aile.	do	15 00
9841	do	White, Joseph K.	do	60 00
9842	do	Hayward, N. Aile.	do	75 00
9843	do	Peckard, Jesse.	do	70 00
9844	do	Peckard, John.	do	191 66
9845	do	Chapley, I. H.	do	100 00
9846	do	Jamison, A. W.	do	166 66
9847	do	Miller, W. P.	do	50 00
9848	do	Nolan, A. W.	do	200 00
9849	do	Banklin, F. H.	do	291 66
9850	do	Hieronymus, R. E.	do	45 99
9851	do	Asp, Percy.	do	208 33
9852	do	Clark, C. B.	do	166 66
9853	do	Provine, L. H.	do	291 66
9854	do	Ricker, N. C.	do	166 66
9855	do	Baker, I. O.	do	291 66
9856	do	Garver, N. B.	do	333 33
9857	do	McDaniel, A. B.	do	141 66
9858	do	Smith, J. E.	do	229 16
9859	do	Wilson, W. M.	do	150 00
9860	do	Biebler, P. S.	do	183 33
9861	do	Brooks, Morgan.	do	166 66
9862	do	Fisk, I. W.	do	250 00
9863	do	James, L. V.	do	133 33
9864	do	Palme, E. B.	do	250 00
9865	do	Dent, J. A.	do	250 00
9866	do	Goodenough, G. A.	do	150 00
9867	do	Harding, L. S.	do	291 66
9868	do	Leutwyler, O. A.	do	241 66
9869	do	Willard, A. C.	do	200 00
9870	do	Enger, M. L.	do	157 50
9871	do	Fleming, V. R.	do	416 66
9872	do	Garnan, A. P.	do	150 00
9873	do	Kunip, C. T.	do	223 33
9874	do	Kunz, Jacob.	do	208 33
9875	do	Schulz, W. F.	do	183 33
9876	do	Williams, E. H.	do	141 66
9877	do	Watson, F. R.	do	229 16
9878	do	Buck, A. M.	do	150 00
9879	do	Constock, A. F.	do	166 66
9880	do	Schmidt, E. C.	do	333 33
9881	do	Hottes, C. F.	do	333 33
9882	do	Freese, William.	do	250 00
9883	do	Balke, C. W.	do	416 66
9884	do	Derick, C. G.	do	250 00
9885	do		do	166 66

## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1915			
9886	June 25	Parr, S. W.	Salary, June, 1915.	\$ 333 33
9887	do.	Smith, G. M.	do.	166 66
9888	do.	Washburn, E. W.	do.	291 66
9889	do.	Weber, H. C. P.	do.	166 66
9890	do.	Beal, G. D.	do.	125 00
9891	do.	Hopkins, B. S.	do.	125 00
9892	do.	Folsom, J. W.	do.	208 33
9893	do.	Mac Gillivray, A. D.	do.	250 00
9894	do.	Bayley, W. S.	do.	250 00
9895	do.	Rolfe, C. W.	do.	250 00
9896	do.	Savage, T. E.	do.	208 33
9897	do.	Borger, R. L.	do.	125 00
9898	do.	Crathorne, A. R.	do.	166 66
9899	do.	Emch, Arnold.	do.	187 50
9900	do.	Lytle, E. B.	do.	150 00
9901	do.	Miller, G. A.	do.	291 66
9902	do.	Rietz, H. L.	do.	158 33
9903	do.	Shaw, J. E.	do.	229 16
9904	do.	Sisam, C. H.	do.	183 33
9905	do.	Townsend, E. J.	do.	333 33
9906	do.	Kingsley, J. S.	do.	291 66
9907	do.	Zeleny, Charles.	do.	250 00
9908	do.	Shelford, V. E.	do.	166 66
9909	do.	VanCleave, H. J.	do.	4 37
9910	do.	Filbey, E. J.	do.	183 33
9911	do.	James, Edmund J.	do.	1,000 00
9912	do.	Castenholz, W. B.	do.	250 00
9913	do.	Fair, Sue M.	do.	80 00
9914	do.	Warnock, A. R.	do.	150 00
9915	do.	Clark, T. A.	do.	500 00
9916	do.	Fiero, E. E.	do.	50 00
9917	do.	Strong, Lillian.	do.	50 00
9918	do.	Kyle, Martha J.	do.	166 66
9919	do.	Huff, G. A.	do.	416 66
9920	do.	Manley, E. J.	do.	100 00
9921	do.	Jones, R. R.	do.	120 00
9922	do.	Gill, Harry.	do.	220 00
9923	do.	Fargo, R. N.	do.	166 66
9924	do.	Moulton, Gertrude.	do.	133 33
9925	do.	Brooks, Verna.	do.	100 00
9926	do.	Osmond, Edith G.	do.	90 00
9927	do.	Hugitt, Anna L.	do.	110 00
9928	do.	Gaut, Rosa L.	do.	50 00
9929	do.	Jackson, Mabel.	do.	20 00
9930	do.	Webster, F. D.	do.	48 00
9931	do.	Greene, J. H.	do.	20 00
9932	do.	Grunewald, A. H.	do.	20 00
9933	do.	Armstrong, W. C.	do.	20 00
9934	do.	Elles, E. C.	do.	20 00
9935	do.	Pool, E. H.	do.	20 00
9936	do.	Hood, C. F.	do.	20 00
9937	do.	Knapp, L. D.	do.	20 00
9938	do.	Hostetler, J. C.	do.	20 00
9939	do.	Niver, Roe.	do.	20 00
9940	do.	Barden, H. E.	do.	20 00
9941	do.	Hollister, H. A.	do.	270 83
9942	do.	Didcott, J. J.	do.	133 33
9943	do.	Eldridge, A. G.	do.	250 00
9944	do.	Bollman, Minnie J.	do.	32 50
9945	do.	Breedis, John.	do.	18 00
9946	do.	Britton, F. E.	do.	40 00
9947	do.	Christy, Glen.	do.	18 00
9948	do.	Craig, Jennie A.	do.	80 00
9949	do.	Drury, F. K. W.	do.	200 00
9950	do.	Dunlap, Fannie.	do.	65 00
9951	do.	Felsenthal, Emma.	do.	83 33
9952	do.	Fontaine, E. O.	do.	36 00
9953	do.	Gibson, Mable.	do.	27 50
9954	do.	Goulding, P. S.	do.	166 66
9955	do.	Graves, C. E.	do.	100 00
9956	do.	Herdman, Margaret.	do.	75 00
9957	do.	Hubbard, Marie.	do.	27 50
9958	do.	Hutchins, Margaret.	do.	83 33
9959	do.	Janvrin, C. E.	do.	41 66
9960	do.	Johnson, Alice.	do.	83 33
9961	do.	Jutton, Emma R.	do.	108 33
9962	do.	Leatherman, Marian.	do.	75 00
9963	do.	Patton, Adah.	do.	91 66

## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
1915			Salary, June, 1915.	
9864	June 25	Torrance, Mary C.	do.	\$ 75 00
9865	do.	Troy, Mary.	do.	65 00
9866	do.	Windsor, F. L.	do.	291 66
9867	do.	Conat, Mabel.	do.	65 00
9868	do.	England, Grace.	do.	65 00
9869	do.	Erwin, Elizabeth.	do.	30 00
9870	do.	Eppinger, J. G.	do.	36 00
9871	do.	William, Margaret.	do.	48 00
9872	do.	Bachtold, Elsie.	do.	65 00
9873	do.	Pyeth, Oia M.	do.	80 00
9874	do.	Pice, M. A.	do.	70 00
9875	do.	Roberts, Nellie.	do.	32 50
9876	do.	Restor, Elizabeth.	do.	60 00
9877	do.	Signor, Nelle.	do.	32 50
9878	do.	Penrose, Alma.	do.	32 50
9879	do.	Pone, C. H.	do.	37 50
9880	do.	Penson, Susan.	do.	70 00
9881	do.	Goetz, Antonette.	do.	204 01
9882	do.	Hieronymus, R. E.	do.	100 00
9883	do.	Allyn, J. P.	do.	150 00
9884	do.	Amner, F. C.	do.	160 00
9885	do.	Bauer, A. M.	do.	83 33
9886	do.	Brinson, R. W.	do.	83 33
9887	do.	Clavenger, C. B.	do.	100 00
9888	do.	Dickson, R.	do.	83 33
9889	do.	Ellis, O. M.	do.	83 33
9890	do.	Fahnenstiel, H. F. T.	do.	118 66
9891	do.	Fisher, G. A.	do.	83 33
9892	do.	Gentile, G. B.	do.	150 00
9893	do.	Gallert, W. B.	do.	83 33
9894	do.	Garrison, H. C.	do.	150 00
9895	do.	Graham, A. F.	do.	175 00
9896	do.	Holt, S. W. R.	do.	150 00
9897	do.	Leahy, J. G.	do.	116 66
9898	do.	McGee, J. G.	do.	281 66
9899	do.	Nickerson, Gertrude.	do.	100 00
10000	do.	Pattit, J. H. Est.	do.	125 00
10001	do.	Sachs, W. H.	do.	180 00
10002	do.	Schles, W. R.	do.	83 33
10003	do.	Soldner, H. J.	do.	83 33
10004	do.	Stewart, H. W.	do.	150 00
10005	do.	Van Alstine, E.	do.	150 00
10006	do.	Wascher, F. M. W.	do.	175 00
10007	do.	Wheeler, H. C.	do.	116 66
10008	do.	Whiting, A. L.	do.	150 00
10009	do.	Hopkins, C. G.	do.	416 66
10010	do.	Torgerson, E. F.	do.	70 00
10011	do.	DeWerff, H. A.	do.	70 00
10012	do.	Bull, Steeler	do.	150 00
10013	do.	Coffey, W. C.	do.	266 66
10014	do.	Edmunds, J. L.	do.	208 33
10015	do.	Mumford, H. W.	do.	208 33
10016	do.	Handschin, W. F.	do.	416 66
10017	do.	Rusk, H. P.	do.	62 50
10018	do.	Yoke, J. J.	do.	208 33
10019	do.	Whisenand, J. W.	do.	100 00
10020	do.	Harper, Claude.	do.	41 66
10021	do.	Andrews, J. B.	do.	83 33
10022	do.	Shiner, R. T.	do.	100 00
10023	do.	Baumgartner, H. C.	do.	70 00
10024	do.	Wilcox, R. H.	do.	83 33
10025	do.	Brand, R. E.	do.	175 00
10026	do.	Hulce, R. S.	do.	133 33
10027	do.	Keller, O. A.	do.	100 00
10028	do.	Prucha, M. J.	do.	208 33
10029	do.	Ruehe, H. A.	do.	141 66
10030	do.	Weeter, H. M.	do.	83 33
10031	do.	Turner, Frank.	do.	75 00
10032	do.	Bailey, E. W.	do.	175 00
10033	do.	Bole, S. J.	do.	116 66
10034	do.	Bregger, Thomas.	do.	116 66
10035	do.	Crandall, C. S.	do.	291 66
10036	do.	Gunderson, A. J.	do.	150 00
10037	do.	Pickett, B. S.	do.	150 00
10038	do.	Ruth, W. A.	do.	150 00
10039	do.	Watkins, O. S.	do.	175 00
10040	do.	Titcomb, W. C.	do.	175 00
10041	do.	Walls, N. A.	do.	208 33

## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
10042	1915	Fanning, R. S.	Salary, June, 1915.	\$120 00
10043	June 25	Foster, W. D.	do.	140 00
10044	do.	Jones, R. T.	do.	160 00
10045	do.	Corruba, A. B. M.	do.	160 00
10046	do.	Wolfe, W. S.	do.	110 00
10047	do.	Fehrenkamp, Winifred.	do.	83 33
10048	do.	Muehlmann, Ralph.	do.	140 00
10049	do.	Stanton, W. M.	do.	120 00
10050	do.	Kellogg, J. M.	do.	150 00
10051	do.	Burton, S. C.	do.	150 00
10052	do.	Bowling, B. L.	do.	83 33
10053	do.	Wiley, C. C.	do.	141 66
10054	do.	Pickells, G. W.	do.	150 00
10055	do.	Raynor, W. H.	do.	130 00
10056	do.	Davis, R. E.	do.	220 00
10057	do.	Ellis, C. A.	do.	294 29
10058	do.	Newell, F. H.	do.	416 66
10059	do.	Waldo, E. H.	do.	166 66
10060	do.	Knight, A. E.	do.	150 00
10061	do.	Davis, J. W.	do.	140 00
10062	do.	Moore, C. R.	do.	130 00
10063	do.	Miller, H. W.	do.	133 33
10064	do.	Porter, F. M.	do.	123 00
10065	do.	Steward, R. K.	do.	141 66
10066	do.	Jordan, H. H.	do.	140 00
10067	do.	Crane, Rufus.	do.	100 00
10068	do.	Husband, R. M.	do.	30 00
10069	do.	Atwell, C. A.	do.	201 66
10070	do.	Benedict, B. W.	do.	81 66
10071	do.	Frisk, J. A.	do.	479 16
10072	do.	Richards, C. R.	do.	140 00
10073	do.	Groteke, H. F.	do.	150 00
10074	do.	Kennedy, R. E.	do.	140 00
10075	do.	Waterfall, F. W.	do.	120 00
10076	do.	Torrence, F. C.	do.	90 00
10077	do.	Rebman, I. J.	do.	208 33
10078	do.	Gross, A.	do.	416 66
10079	do.	Frank, Edwin.	do.	150 00
10080	do.	Duncan, J. W.	do.	120 00
10081	do.	McDaniel, E. T.	do.	90 00
10082	do.	McDaniel, H. S.	do.	120 00
10083	do.	Dodson, A. B.	do.	140 00
10084	do.	Redebaugh, G. H.	do.	120 00
10085	do.	Hegabaugh, G. H.	do.	120 00
10086	do.	DeFurk, J. A.	do.	120 00
10087	do.	Holbrook, E. A.	do.	208 33
10088	do.	Stock, H. H.	do.	416 66
10089	do.	Callen, A. C.	do.	150 00
10090	do.	Andros, S. O.	do.	175 00
10091	do.	Talbot, A. N.	do.	416 66
10092	do.	Sealey, F. B.	do.	170 00
10093	do.	Boonslitter, G. P.	do.	170 00
10094	do.	Norenberg, C. E.	do.	150 00
10095	do.	Ensign, N. E.	do.	150 00
10096	do.	Babbitt, H. E.	do.	150 00
10097	do.	Gardner, Harry.	do.	150 00
10098	do.	Vallance, Alexander.	do.	140 00
10099	do.	Putnam, W. J.	do.	120 00
10100	do.	Randolph, O. A.	do.	100 00
10101	do.	Hyslop, W. H.	do.	95 00
10102	do.	Warner, E. H.	do.	90 00
10103	do.	Karrer, Sebastian.	do.	75 00
10104	do.	Nathanson, J. B.	do.	75 00
10105	do.	Hill, C. F.	do.	50 00
10106	do.	Bayley, P. L.	do.	50 00
10107	do.	Jones, L. T.	do.	115 00
10108	do.	Snodgrass, J. M.	do.	183 33
10109	do.	Dunn, H. H.	do.	116 66
10110	do.	Keller, R. B.	do.	133 33
10111	do.	Kraiz, A. P.	do.	166 66
10112	do.	McFarland, D. F.	do.	166 66
10113	do.	Moore, H. F.	do.	250 00
10114	do.	Slater, W. A.	do.	150 00
10115	do.	Gonnerman, H. F.	do.	150 00
10116	do.	Wilson, L. A.	do.	116 66
10117	do.	Dieckman, T. W.	do.	60 00
10118	do.	Belt, J. H.	do.	50 00
10119	do.	Montgomery, Julian.	do.	50 00

## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
10120	June 25	Pogue, R. B.	Salary, June, 1915.	\$ 50 00
10121	do.	Gatward, W. A.	do.	50 00
10122	do.	Lichty, L. C.	do.	50 00
10123	do.	Lakens, W. P.	do.	50 00
10124	do.	Young, E. G.	do.	50 00
10125	do.	Laying, T. E.	do.	50 00
10126	do.	Pratt, J. O.	do.	50 00
10127	do.	Nebel, M. L.	do.	201 68
10128	do.	Deeter, E. H.	do.	201 68
10129	do.	Green, Frederick	do.	201 68
10130	do.	Harker, O. A.	do.	415 66
10131	do.	Hale, W. G.	do.	253 32
10132	do.	Fornetoy, J. N.	do.	253 32
10133	do.	Varner, C. G.	do.	201 66
10134	do.	Carpenter, C. E.	do.	208 33
10135	do.	Balcock, K. O.	do.	415 66
10136	do.	Lake, E. J.	do.	157 50
10137	do.	Weinore, Mary M.	do.	150 00
10138	do.	Bradbury, C. E.	do.	291 66
10139	do.	Keed, F. W.	do.	140 00
10140	do.	Stebbins, Joel	do.	35 00
10141	do.	Veio, L. A.	do.	150 00
10142	do.	Sperry, J. B.	do.	120 00
10143	do.	Burton, L. V.	do.	54 00
10144	do.	Hynston, J. C.	do.	333 33
10145	do.	Stevens, F. L.	do.	100 00
10146	do.	Hegeus, Stella M.	do.	120 00
10147	do.	McDonnell, W. B.	do.	80 00
10148	do.	Farr, Joseph	do.	60 00
10149	do.	Quick, B.	do.	60 00
10150	do.	Kempston, F. E.	do.	60 00
10151	do.	Wabeys, Nora	do.	60 00
10152	do.	Waggoner, L. D.	do.	30 00
10153	do.	Pickens, W. E.	do.	30 00
10154	do.	Davis, R. E.	do.	60 00
10155	do.	Lantz, C. W.	do.	60 00
10156	do.	Kell, George Amelia	do.	160 00
10157	do.	Hornel, R. K.	do.	250 00
10158	do.	Shull, R. T.	do.	75 00
10159	do.	Danielson, R. R.	do.	120 00
10160	do.	Radcliffe, B. S.	do.	130 00
10161	do.	Williams, A. B.	do.	614 66
10162	do.	Noyes, W. A.	do.	30 00
10163	do.	Allen, R. W.	do.	130 00
10164	do.	Anders, Paul	do.	30 00
10165	do.	Bissell, D. W.	do.	60 00
10166	do.	Broderston, H. J.	do.	130 00
10169	do.	Burthart, C. W.	do.	10 00
10170	do.	Charlton, E. F.	do.	50 00
10171	do.	Chandler, E. M. A.	do.	120 00
10172	do.	Cann, Jessie	do.	10 00
10173	do.	Darrah, Juanita	do.	50 00
10174	do.	Davidson, C. N.	do.	30 00
10175	do.	Daysson, B. S.	do.	60 00
10176	do.	Dean, P. M.	do.	30 00
10177	do.	Eagle, E. W.	do.	60 00
10178	do.	Ford, J. T.	do.	30 00
10179	do.	Gerry, H. L.	do.	30 00
10180	do.	Hatfield, W. D.	do.	10 00
10181	do.	Hecker, C. H.	do.	120 00
10182	do.	Hess, R. W.	do.	60 00
10183	do.	Hesse, E. O.	do.	120 00
10184	do.	Hort, A. M.	do.	30 00
10185	do.	Honorski, R. B.	do.	90 00
10186	do.	Janson, J. M.	do.	10 00
10187	do.	Kamm, Oliver	do.	60 00
10188	do.	Karr, W. G.	do.	30 00
10189	do.	Krems, H. C.	do.	50 00
10190	do.	Lee, H. R.	do.	30 00
10191	do.	Luigs, J. B.	do.	30 00
10192	do.	MacInnes, D. A.	do.	125 00
10193	do.	Marquis, S. D.	do.	35 00
10194	do.	Olth, H. L.	do.	120 00
10195	do.	Reed, J. W.	do.	60 00
10196	do.	Rees, E. A.	do.	120 00
10197	do.	Sears, G. W.	do.	120 00

## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
10198	June 25	Taylor, S. C.	Salary, June, 1915.	\$ 60 00
10199	do.	Thorpe, Lambert.	do.	120 00
10200	do.	Shepard, A. D.	do.	30 00
10201	do.	Skinner, G. S.	do.	30 00
10202	do.	Wideman, E. A.	do.	60 00
10203	do.	Wickers, E.	do.	60 00
10204	do.	Hull, S. M.	do.	10 00
10205	do.	Westhafer, T. O.	do.	30 00
10206	do.	Valentine, H. D.	do.	60 00
10207	do.	MacArthur, C. G.	do.	150 00
10208	do.	Barbre, Clarence.	do.	30 00
10209	do.	Vollweiler, E. H.	do.	30 00
10210	do.	Kidby, G. B.	do.	10 00
10211	do.	Glunne, E. E.	do.	60 00
10212	do.	Brunskill, E. R.	do.	10 00
10213	do.	Haag, V. W.	do.	60 00
10214	do.	Brady, S. A.	do.	50 00
10215	do.	Footley, F. W.	do.	30 00
10216	do.	Rowland, E. E.	do.	281 86
10217	do.	Carlton, H. J.	do.	208 33
10218	do.	Carter, H. V.	do.	250 00
10219	do.	Moss, C. M. W. A.	do.	250 00
10220	do.	Oldaker, S.	do.	250 00
10221	do.	Pease, A. S.	do.	250 00
10222	do.	Bogert, E. L.	do.	250 00
10223	do.	Onase, W. A.	do.	250 00
10224	do.	Dewsnip, E. R.	do.	250 00
10225	do.	Lorham, Simon.	do.	208 33
10226	do.	Robinson, M. H.	do.	125 00
10227	do.	Weston, M. A.	do.	250 00
10228	do.	Hatman, R. B.	do.	216 66
10229	do.	Thompson, J. G.	do.	200 00
10230	do.	Scoville, H.	do.	180 00
10231	do.	McJohnson, H.	do.	60 00
10232	do.	Peterson, W. H.	do.	60 00
10233	do.	Dreesen, W.	do.	50 00
10234	do.	Krichtel, C. K.	do.	50 00
10235	do.	McKen, E. L.	do.	30 00
10236	do.	Leslie, H. D.	do.	191 66
10237	do.	Thompson, C. M.	do.	50 00
10238	do.	Little, R. P.	do.	208 33
10239	do.	Bailey, W. C.	do.	291 66
10240	do.	Goffman, I. D.	do.	291 66
10241	do.	Johnson, C. H.	do.	150 00
10242	do.	Miller, W. B.	do.	229 16
10243	do.	Whipple, G. M.	do.	60 00
10244	do.	Hanser, J. W.	do.	50 00
10245	do.	Gobb, Margaret.	do.	175 00
10246	do.	Baldwin, E. C.	do.	270 83
10247	do.	Dodge, D. K.	do.	175 00
10248	do.	Fulton, Edward.	do.	183 33
10249	do.	Jones, H. S. V.	do.	208 33
10250	do.	Paul, H. G.	do.	200 00
10251	do.	cott, F. W.	do.	308 33
10252	do.	Sherman, S. P.	do.	166 66
10253	do.	Woolbert, C. H.	do.	141 66
10254	do.	Zeitlin, Jacob.	do.	125 00
10255	do.	Creek, H. L.	do.	120 00
10256	do.	Whicker, G. F.	do.	120 00
10257	do.	Alden, E. S.	do.	100 00
10258	do.	Whitford, R. C.	do.	130 00
10259	do.	Hillebrand, H. M.	do.	100 00
10260	do.	Harris, L. H.	do.	120 00
10261	do.	Tiele, R. E.	do.	120 00
10262	do.	Jones, E. S.	do.	140 00
10263	do.	Curl, M. J.	do.	100 00
10264	do.	Stidston, R. O.	do.	100 00
10265	do.	Harberger, Sada.	do.	100 00
10266	do.	Stanley, R. B.	do.	100 00
10267	do.	Saret, L. R.	do.	110 00
10268	do.	Dixon, R. E.	do.	60 00
10269	do.	Beck, Clyde.	do.	120 00
10270	do.	Loomis, R. S.	do.	120 00
10271	do.	Rhaker, Clarissa.	do.	141 66
10272	do.	Boyer, C. V.	do.	116 66
10273	do.	Schoepferle, Gertrude.	do.	100 00
10274	do.	Sutcliffe, E. G.	do.	120 00
10275	do.	Dowds, C. S.	do.	120 00

## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1915			
10276	June 25	Phelps, J. M.	Salary, June, 1915.	\$100 00
10277	do.	Kelso, Ruth.	do.	100 00
10278	do.	Buchen, W. A.	do.	150 00
10279	do.	Forbes, S. A.	do.	83 33
10280	do.	Peterson, Alvah.	do.	60 00
10281	do.	Glasgow, R. D.	do.	130 00
10282	do.	DuBois, H. M.	do.	50 00
10283	do.	Read, M. K.	do.	40 00
10284	do.	Ross, C. S.	do.	50 00
10285	do.	Rich, J. L.	do.	160 00
10286	do.	S-torrer, James.	do.	60 00
10287	do.	Brooks, N. C.	do.	208 33
10288	do.	Flom, G. T.	do.	232 33
10289	do.	Goebel, Julius.	do.	312 50
10290	do.	Lessing, O. E.	do.	291 66
10291	do.	Meyer, G. H.	do.	229 16
10292	do.	Poor, C. M.	do.	150 00
10293	do.	Williams, C. A.	do.	150 00
10294	do.	Killer, A. H.	do.	140 00
10295	do.	Barto, P. S.	do.	120 00
10296	do.	Zucker, A. E.	do.	50 00
10297	do.	Blaisdell, Daisy L.	do.	100 00
10298	do.	Green, Alexander.	do.	135 00
10299	do.	Bloomfield, Leonard.	do.	166 66
10300	do.	Spindler, G. W.	do.	25 00
10301	do.	Alvord, C. W.	do.	145 83
10302	do.	Greene, E. B.	do.	416 66
10303	do.	Larson, L. M.	do.	250 00
10304	do.	Lybyer, A. H.	do.	233 33
10305	do.	Robertson, W. S.	do.	208 33
10306	do.	Jones, P. V. B.	do.	150 00
10307	do.	Pease, T. C.	do.	125 00
10308	do.	Cole, A. C.	do.	160 00
10309	do.	Brush, Elizabeth.	do.	100 00
10310	do.	Bishop, Mildred.	do.	40 00
10311	do.	Miller, J. E.	do.	60 00
10312	do.	Wahlm, G. E.	do.	116 66
10313	do.	Kempner, A. J.	do.	150 00
10314	do.	Denton, W. W.	do.	140 00
10315	do.	Chittenden, E. W.	do.	140 00
10316	do.	Burns, Josephine.	do.	100 00
10317	do.	Zeis, H. C.	do.	60 00
10318	do.	Wilson, W. H.	do.	60 00
10319	do.	Hebbert, C. M.	do.	60 00
10320	do.	Smith, G. W.	do.	60 00
10321	do.	Marshall, R. H.	do.	60 00
10322	do.	Grimes, N. C.	do.	120 00
10323	do.	Berge, W. E.	do.	191 66
10324	do.	Beard, J. H.	do.	165 00
10325	do.	Neill, Alma J.	do.	60 00
10326	do.	Bode, B. H.	do.	291 66
10327	do.	Daniels, A. H.	do.	333 33
10328	do.	Shepard, Queen L.	do.	120 00
10329	do.	Haessler, Carl.	do.	100 00
10330	do.	Garner, J. W.	do.	333 33
10331	do.	Mathews, J. M.	do.	150 00
10332	do.	Story, R. M.	do.	180 00
10333	do.	Hanford, A. C.	do.	80 00
10334	do.	Bentley, Madison.	do.	270 83
10335	do.	DeCamy, J. E.	do.	70 00
10336	do.	Rogers, Sophie.	do.	30 00
10337	do.	Ruchmick, C. A.	do.	150 00
10338	do.	Rahn, Carl.	do.	150 00
10339	do.	Carnahan, D. H.	do.	225 00
10340	do.	FitzGerald, J. D.	do.	225 00
10341	do.	Oliver, T. E.	do.	250 00
10342	do.	Seymour, A. R.	do.	191 66
10343	do.	Carry, C. S.	do.	110 00
10344	do.	Eppels, Joseph.	do.	100 00
10345	do.	Wessenberg, T. G.	do.	100 00
10346	do.	Kessler, James.	do.	90 00
10347	do.	Allen, Louis.	do.	90 00
10348	do.	Moore, O. H.	do.	160 00
10349	do.	Blondheim, D. S.	do.	166 66
10350	do.	Soto, Rafael.	do.	100 00
10351	do.	Hayes, E. C.	do.	275 00



## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
10352	1915			
June 25		Hibbs, H. H.	Salary, June, 1915.	\$120 00
10353	do.	Smith, Frank.	do.	250 00
10354	do.	Vard, H. B.	do.	416 66
10355	do.	VanCleave, H. J.	do.	125 63
10356	do.	May, H. G.	do.	60 00
10357	do.	Green, Bessie.	do.	60 00
10358	do.	Linkins, K. H.	do.	60 00
10359	do.	Leimbürger, H. V.	do.	60 00
10360	do.	Chenoweth, H. E.	do.	30 00
10361	do.	Flagstad, A. B.	do.	30 00
10362	do.	Miggins, G. M.	do.	30 00
10363	do.	Mercaut, H. E.	do.	30 00
10364	do.	Redwood, C. W.	do.	120 00
10365	do.	Conel, Jesse.	do.	60 00
10366	do.	Euningstuner, Rachel.	do.	60 00
10367	do.	Miller, Eva C.	do.	30 00
10368	do.	Kinney, David.	do.	583 33
10369	do.	Scheldt, Yelta.	do.	50 00
10370	do.	Kile, Jesse.	do.	49 00
10371	do.	Alto, W. A.	do.	49 00
10372	do.	Albright, W. A.	do.	25 00
10373	do.	Babbitt, Albert.	do.	25 00
10374	do.	Bacon, Gertrude A.	do.	25 00
10375	do.	Back, Julia.	do.	25 00
10376	do.	Beck, Mary L.	do.	25 00
10377	do.	Colvin, Esther M.	do.	25 00
10378	do.	Cooke, D. C.	do.	25 00
10379	do.	Crocker, S. J.	do.	25 00
10380	do.	Cridler, Floyd F.	do.	25 00
10381	do.	Dunkley, W. A.	do.	25 00
10382	do.	Elliot, Emma L.	do.	25 00
10383	do.	Farrell, E. C.	do.	25 00
10384	do.	Fazel, C. S.	do.	25 00
10385	do.	Fisher, Fay L.	do.	25 00
10386	do.	Gaffin, Fay L.	do.	25 00
10387	do.	Hamilton, C. C.	do.	25 00
10388	do.	Heferman, Ruth M.	do.	25 00
10389	do.	Hendel, R. W., Jr.	do.	25 00
10390	do.	Jordan, A. L.	do.	25 00
10391	do.	Jewell, Minna E.	do.	25 00
10392	do.	Kindred, J. E.	do.	25 00
10393	do.	Maier, Alice.	do.	25 00
10394	do.	Miller, Marie B.	do.	25 00
10395	do.	Myers, Odessa M.	do.	25 00
10396	do.	Okey, Ruth E.	do.	25 00
10397	do.	Owens, R. W.	do.	25 00
10398	do.	Palm, F. C.	do.	25 00
10399	do.	Pickney, L. A.	do.	25 00
10400	do.	Richard, F. E.	do.	25 00
10401	do.	Ried, E. A.	do.	25 00
10402	do.	Russell, Robbins.	do.	25 00
10403	do.	Swanson, F. C.	do.	25 00
10404	do.	TerKeurst, H. D.	do.	25 00
10405	do.	Tunley, R. E.	do.	25 00
10406	do.	Van Doren, M. A.	do.	25 00
10407	do.	Watkins, Gordon.	do.	25 00
10408	do.	White, Lelia O.	do.	25 00
10409	do.	Williams, Kathryn.	do.	25 00
10410	do.	Winkelman, H. A.	do.	25 00
10411	do.	Wiseman, Esther.	do.	25 00
10412	do.	Young, Esther.	do.	25 00
10413	do.	Tinsley, R. W.	do.	35 00
10414	do.	Brady, St. Elmo.	do.	40 00
10415	do.	Burd, H. A.	do.	35 00
10416	do.	Clark, K. A.	do.	35 00
10417	do.	Debel, N. H.	do.	35 00
10418	do.	Elliot, J. A.	do.	35 00
10419	do.	Garman, Philip.	do.	35 00
10420	do.	Harber, O. E.	do.	40 00
10421	do.	Holley, C. E.	do.	35 00
10422	do.	Howard, J. W.	do.	35 00
10423	do.	Kernall, M. J.	do.	35 00
10424	do.	Lamb, B. F.	do.	40 00
10425	do.	MacLarane, Wallace.	do.	45 00
10426	do.	Moshier, Edna.	do.	35 00
10427	do.	Pasmore, D. F.	do.	50 00
10428	do.	Rutledge, George.	do.	35 00
10429	do.	Sabin, Ethel E.	do.	35 00

## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
10430	June 25	Scholl, Clarence	Salary, June, 1915.	\$ 83.00
10431	do.	Stevens, W. E.	do.	35.00
10432	do.	Streeker, F. B.	do.	30.00
10433	do.	Stunkard, H. W.	do.	35.00
10434	do.	Watson, M. M.	do.	40.00
10435	do.	Wells, M. M.	do.	40.00
10436	do.	Wright, Quincy	do.	45.00
10437	do.	Wyatt, F. A.	do.	40.00
10438	do.	Yount, L. E.	do.	50.00
10439	do.	Stewart, C. L.	do.	45.00
10440	do.	Welland, H. J.	do.	50.00
10441	do.	Krisman, J. E.	do.	40.00
10442	do.	Bontz, Ethel	do.	40.00
10443	do.	Curtis, Florence	do.	133.33
10444	do.	Reese, E. J.	do.	133.33
10445	do.	Simpson, Frances	do.	133.33
10446	do.	Schwartz, G. F.	do.	133.33
10447	do.	Smith, Constance Barlow	do.	183.33
10448	do.	Van den Berg, E. J.	do.	180.00
10449	do.	Nashby, H. D.	do.	180.00
10450	do.	Morphy, E. W.	do.	170.00
10451	do.	Lovinsen, L. L.	do.	120.00
10452	do.	Kirking, Florence	do.	120.00
10453	do.	Steele, Emma L.	do.	100.00
10454	do.	Simoy, Anna	do.	250.00
10455	do.	Evby, L. A.	do.	180.00
10456	do.	Bartling, A. A.	do.	179.77
10457	do.	Barlow, Edward	do.	72.00
10458	do.	Barnett, N. N.	do.	60.00
10459	do.	Barnett, V. W.	do.	60.00
10460	do.	Hartford, E. W.	do.	70.00
10461	do.	Thomson, H. W.	do.	125.00
10462	do.	Langley, W. F.	do.	208.33
10463	do.	Davis, B.	do.	150.00
10464	do.	Say, C. M.	do.	83.33
10465	do.	Guthrie, E. N.	do.	83.33
10466	do.	Elcher, B. D.	do.	83.33
10467	do.	Colson, H. D.	do.	16.66
10468	do.	Fenhus, Bernard	do.	150.00
10469	do.	Tymn, E. V.	do.	133.33
10470	do.	F. D. Yensen	do.	10.00
10471	do.	A. F. Hakanson.	do.	208.33
10472	do.	R. R. Root	do.	125.00
10473	do.	F. A. C. Smith	do.	100.00
10474	do.	C. M. Robinson	do.	150.00
10475	do.	F. N. Evans	do.	60.00
10476	do.	A. S. Golby	do.	166.66
10477	do.	J. J. Gardner	do.	291.66
10478	do.	J. W. Lloyd	do.	250.00
10479	do.	H. B. Dornet	do.	70.00
10480	do.	August Haebig	do.	416.66
10481	do.	H. A. Harding	do.	175.00
10482	do.	L. B. Lang	do.	291.66
10483	do.	W. J. Frazer	do.	150.00
10484	do.	N. W. Hepburn	do.	208.33
10485	do.	W. T. Crandall	do.	250.00
10486	do.	P. W. Allen	do.	66.66
10487	do.	Isabel Beyler	do.	208.33
10488	do.	Nellie Goldthwaite	do.	116.66
10489	do.	Cora E. Gray	do.	116.66
10490	do.	Florence Harrison	do.	125.00
10491	do.	Maud Parsons	do.	150.00
10492	do.	Lurene Seymour	do.	141.66
10493	do.	Ruth Wheeler	do.	108.33
10494	do.	Greta E. Gray	do.	100.00
10495	do.	Georgia Fleming	do.	100.33
10496	do.	Grace Stevens	do.	100.00
10497	do.	Anna W. Williams	do.	116.66
10498	do.	Margaret Stanton	do.	208.33
10499	do.	Donald McIntosh	do.	200.00
10500	do.	D. O. Barto	do.	116.66
10501	do.	W. L. Butison	do.	50.00
10502	do.	E. T. Ebersol	do.	83.33
10503	do.	E. H. Walworth	do.	83.33
10504	do.	I. W. Dickerson	do.	150.00
10505	do.	K. J. T. Ekblaw	do.	80.49
10506	do.	John McCullough	Dairy office	6.72
10507	do.	M. Hudson	do.	4.10

## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1915			
10508	June 25	H. M. Corray	Dairy office	\$ 2 86
10509	do.	Geo. Schiff	do	4 47
10510	do.	Fred Thompson	do	1 73
10511	do.	J. E. Henderson	do	2 05
10512	do.	O. A. McInnes	do	3 68
10513	do.	C. C. Gordon	do	2 28
10514	do.	R. S. McInnes	do	97
10515	do.	E. Grove	do	3 94
10516	do.	Eli Grove	do	3 89
10517	do.	Lou Creiger	do	4 27
10518	do.	R. A. Lumsden	do	5 09
10519	do.	R. T. Lumsden	do	4 25
10520	do.	D. Wilkins	do	3 40
10521	do.	E. J. Percival	do	2 28
10522	do.	F. W. Howell, Homer	Creamery	2 67
10523	do.	Fred Krukewitt, Homer	do	4 67
10524	do.	M. B. Allen, Homer	do	3 13
10525	do.	F. Stadden, Homer	do	3 67
10526	do.	Alf. Ott, Homer	do	3 35
10527	do.	W. E. Satterfield, Homer	do	4 40
10528	do.	H. J. Michener, Homer	do	2 43
10529	do.	Geo. Hurst, Homer	do	3 89
10530	do.	Van Carter, Homer	do	4 40
10531	do.	Chas. Wilson, Homer	do	2 84
10532	do.	James Fisher, Ogden	do	3 27
10533	do.	Wm. Case, Ogden	do	4 64
10534	do.	W. J. Wilson, Ogden	do	2 48
10535	do.	P. J. Wagner, Ogden	do	5 40
10536	do.	W. J. Downing, Ogden	do	3 78
10537	do.	J. B. Skinner, Fithian	do	3 43
10538	do.	J. D. Pulliam, Fithian	do	4 00
10539	do.	S. V. Mayhen, Fithian	do	4 13
10540	do.	C. E. Hopkins, Tontl.	do	5 42
10541	do.	W. J. Baker, Tontl.	do	2 89
10542	do.	J. H. Evans, Dewey	do	4 42
10543	do.	Hungerford Bros., Loda	do	3 41
10544	do.	John Inglesman, Rantoul	do	4 13
10545	do.	J. W. Rhoades, Fisher	do	4 40
10546	do.	J. A. R. Koch, Mayview	do	3 02
10547	do.	G. W. VanMeter, Savoy	do	4 24
10548	do.	R. B. Hubbard, Monticello	do	4 21
10549	do.	C. J. Kissacks, Armstrong	do	5 57
10550	do.	W. C. Welch, Urbana, R. F. D.	do	3 89
10551	do.	H. Eaton, Urbana, R. F. D. No. 9.	do	6 41
10552	do.	A. E. Shade, Urbana, R. F. D. No. 9.	do	8 30
10553	do.	W. W. Meyers, Urbana, R. F. D. No. 12.	do	4 05
10554	do.	D. H. Loyde	General supplies	35 01
10555	do.	The Kern Machine Tool Co.	Bevel gear	6 50
10556	do.	Harris-Dillavou & Co.	Coal	11 93
10557	do.	G. C. Willis	Henrietta	5 90
10558	do.	Chesley & Co.	General supplies	1 15
10559	do.	Spalding Drug Store	Chemicals	90 51
10560	do.	Oldham Brothers	Paint	3 25
10561	do.	Eimer & Amend	Hydrometers reading	6 01
10562	do.	Stipes & Pilcher	Brick	1 80
10563	do.	The University Press	Printing	349 35
10564	do.	J. D. White	Postage	450 00
10565	do.	Tice & Lynch	Express	4 87
10566	do.	Champaign Steam Laundry	Laundry	35 90
10567	do.	The University of Illinois Supply Store	General supplies	3 60
10568	do.	Geo. B. Carpenter & Co.	do	53 59
10569	do.	C. C. Ferguson	Horseshoes	5 00
10570	do.	Chas. A. Strelinger Co.	Steel taps	90 82
10571	do.	J. W. Butler Paper Co.	Office supplies	7 29
10572	do.	Remington Typewriter Co.	Carbon paper	15 00
10573	do.	Irving Pitt Mfg. Co.	Office supplies	15 07
10574	do.	Taylor Hardware Co.	Building material	79 69
10575	do.	Bacon Brothers	Paint	40 69
10576	do.	Hunter Rourke & Co.	Lumber	109 27
10577	do.	Illinois State Reformatory	Printing	132 56
10578	do.	F. M. Leslie	Office equipment	40 85
10579	do.	S. E. Huff & Co.	Lumber	8 85
10580	do.	The Burr Co.	Building material	23 79
10581	do.	Eisner Grocery Co.	Food supplies	5 25
10582	do.	The Linde Air Products Co.	Oxygen	3 50
10583	do.	Twin City Ice & Cold Storage Co.	Storage	15 00
10584	do.	Twin City Roofing Co.	Repairing gutters	1 15
10585	do.	Louis Melind Co.	Incidentals	3 71

## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1915			
10586	June 25	Miller Harness Co.	Harness.	\$ 1 25
10587	do.	Chester Horseshoeing Shop	Horseshoes	7 00
10588	do.	Flanigan-Pearson Co.	Printing.	98 80
10589	do.	W. Lewis & Co.	Labor on carpet.	31 55
10590	do.	R. W. Braithwaite	Services.	31 45
10591	do.	Barnhart Bros.	Cartridges.	2 95
10592	do.	E. H. Sargent & Co.	Laboratory supplies.	40 75
10593	do.	Vaughan's Seed Store.	Wooden labels.	21 35
10594	do.	Alexander Lumber Co.	Lumber.	54 93
10595	do.	W. W. Walls & Co.	Dental plaster.	7 00
10596	do.	Leavitt Mfg. Co.	Coke and screws.	15 66
10597	do.	John H. Doyle	Chains and wire.	4 00
10598	do.	Illinois Glass Co.	Glass.	110 94
10599	do.	J. F. Webster & Co.	Food supplies.	52 28
10600	do.	Miller's 5 & 10c Store.	Laboratory supplies.	1 75
10601	do.	Fred Pine	Wages, June, 1915.	80 00
10602	do.	Frank Sanders	do.	50 00
10603	do.	J. F. Smith	do.	75 00
10604	do.	Charles Wheatcraft	do.	50 00
10605	do.	Dunlap, B. H.	do.	70 00
10606	do.	Hunter, L. A.	do.	80 00
10607	do.	Rohweder, Emma	do.	45 00
10608	do.	C. A. Brumley	do.	57 20
10609	do.	K. A. Hathaway	do.	50 00
10610	do.	Hazel L. Rock	do.	50 00
10611	do.	Brown, E. R.	do.	50 00
10612	do.	McQueen, H. D.	do.	55 00
10613	do.	Patterson, Will	do.	50 00
10614	do.	Stivers, M. F.	do.	50 00
10615	do.	Woods, W. M.	do.	50 00
10616	do.	Roy Argo	do.	55 00
10617	do.	Lucy M. Barto	do.	20 00
10618	do.	Tom Carr	do.	50 00
10619	do.	Jasper Dillon	do.	55 00
10620	do.	W. J. Engle	do.	75 00
10621	do.	Lawrence Engle	do.	50 00
10622	do.	H. J. Hampton	do.	75 00
10623	do.	W. R. Hardy	do.	50 00
10624	do.	W. C. Jones	do.	75 00
10625	do.	Henry Mapes	do.	50 00
10626	do.	D. T. Brooks	do.	50 00
10627	do.	M. D. Rose	do.	55 00
10628	do.	Andrew Tornquist	do.	75 00
10629	do.	Chas. A. Campbell	do.	65 00
10630	do.	C. C. Chapman	do.	100 00
10631	do.	A. O. Magnuson	do.	80 00
10632	do.	Kelsey B. Gardner	do.	65 00
10633	do.	Geo. Bote	do.	80 00
10634	do.	John Flocken	do.	65 00
10635	do.	Earl Meenach	do.	70 00
10636	do.	J. E. Murdock	do.	65 00
10637	do.	John Palfrey	do.	75 00
10638	do.	F. A. Louret	do.	50 00
10639	do.	Elmer Jenkins	do.	60 00
10640	do.	Jensen, Geo.	do.	60 00
10641	do.	Peterson, A. C.	do.	50 00
10642	do.	Garfield Jones	do.	75 00
10643	do.	Clyde Hamlin	do.	60 00
10644	do.	Hiram Hamlin	do.	55 00
10645	do.	J. T. Newsome	do.	36 00
10646	do.	F. C. Newsome	do.	36 00
10647	do.	T. V. Newsome	do.	36 00
10648	do.	C. E. Thorne	do.	16 10
10649	do.	F. C. Richey	do.	60 00
10650	do.	T. R. Shiveley	do.	60 00
10651	do.	J. C. Anderson	do.	70 00
10652	do.	Robert W. Stark	do.	100 00
10653	do.	W. L. Bennett	do.	75 00
10654	do.	Ralph Engle	do.	55 00
10655	do.	W. T. Martin	do.	47 50
10656	do.	Stanley Wilkins	do.	25 67
10657	do.	E. K. Augustus	do.	70 00
10658	do.	Fred J. Blackburn	do.	60 00
10659	do.	C. A. Hughes	do.	50 00
10660	do.	Beaumont, G. S.	do.	65 00
10661	do.	Dunham, R. S.	do.	60 00
10662	do.	Glick, E. E.	do.	29 75
10663	do.	Hufford, C. T.	do.	50 00

## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1915			
10664	June 25	Parkinson, K. W.	Wages, June, 1915	\$ 45 00
10665	do.	Pilchard, E. J.	do.	45 00
10666	do.	Questel, B. H.	do.	25 50
10667	do.	Rigg, C. L.	do.	26 25
10668	do.	Romine, J. F.	do.	34 83
10669	do.	Wright, Jr., Douglas.	do.	23 33
10670	do.	H. A. Cate	do.	70 00
10671	do.	Earl Garver	do.	65 00
10672	do.	Chas. B. Price	do.	60 00
10673	do.	C. G. Cox	do.	32 00
10674	do.	M. W. Jean	do.	55 00
10675	do.	Peter Drennan	do.	80 00
10676	do.	Joseph Klena	do.	60 00
10677	do.	John T. Blackwell	do.	60 00
10678	do.	Harry Schultz	do.	35 00
10679	do.	Simon David	do.	50 00
10680	do.	Elia George	do.	50 00
10681	do.	John Kastanos	do.	50 00
10682	do.	Johann Becker	do.	55 00
10683	do.	William Kerechan	do.	50 00
10684	do.	Jacob Solomon	do.	50 00
10685	do.	Anast Marcakis	do.	40 00
10686	do.	National Blank Book Co.	Office supplies	57 38
10687	do.	The Weis Mfg. Co.	Cards	5 88
10688	do.	Universal Sales Co.	Bands	5 88
10689	do.	Putnam-Page Co.	Dictating blanks	3 60
10690	do.	The Standard Calorimeter Co.	Experimental work	17 10
10691	do.	Quality Grocery & Market	Meat	4 33
10692	do.	The Letter Shop	Stencils	5 70
10693	do.	Elsie Blaisdell	Laundry	1 04
10694	do.	Metzler & Schafer Co.	Laboratory apparatus	114 78
10695	do.	Conner & Quayle	Horseshoes	23 00
10696	do.	Cambridge Botanical Supply Co.	Genus covers	23 30
10697	do.	Henry Bosch Co.	Varnish	2 50
10698	do.	T. H. Craig	Repairing clock	2 50
10699	do.	Kentucky Tobacco Product Co.	Tobacco paper	5 62
10700	do.	The Celluloid Co.	Office supplies	2 53
10701	do.	G. Cramer Dry Plate Co.	General supplies	11 34
10702	do.	Henry Rahn	Repair work	195 00
10703	do.	Uni File Mfg. Co.	Office equipments	20 58
10704	do.	High School Life	Advertising	5 00
10705	do.	Edward Pennock	Fibre blocks	5 82
10706	do.	Crane Co.	Blk. pipe	12 39
10707	do.	Illinois Steel Co.	General supplies	15 50
10708	do.	The Caldwell Co.	Special stage connection	6 00
10709	do.	F. D. Lambert	Laboratory supplies	38 40
10710	do.	Mallinckrodt Chemical Co.	Chemicals	21 00
10711	do.	Duparquet, Hunt & Moneuse Co.	Pressure gauge	5 00
10712	do.	P. S. Campbell	Printing	10 75
10713	do.	The Babcock & Wilcox Co.	General supplies	86
10714	do.	R. C. Wagner & Son	Teaming	3 25
10715	do.	Ernst Hertzberg & Sons	Books	1 52
10716	do.	G. E. Stechert & Co.	do.	5 25
10717	do.	The Arthur H. Clark Co.	do.	4 75
10718	do.	Florence E. Watson	Traveling expenses	85 68
10719	do.	Maximilian Rudwin	do.	9 00
10720	do.	Frank Turner	do.	9 54
10721	do.	H. A. Cate	do.	15 65
10722	do.	R. W. Dickenson	do.	59 12
10723	do.	F. W. Wascher	do.	44 96
10724	do.	Henry Pfau	do.	23 75
10725	June 28	Illinois Central R. R. Co.	Transportation of Faculty and students	821 52
10726	do.	E. VanAlstine	Traveling expense	19 88
10727	do.	C. W. Crabtree	Field work	74 49
10728	do.	J. C. Sitterly	do.	105 57
10729	do.	John Berlin	do.	32 28
10730	do.	Wm. L. Mays	do.	15 25
10731	do.	E. R. Green	do.	19 30
10732	do.	George F. Tullock	do.	49 50
10733	do.	E. E. Hoskins	Traveling expense	41 75
10734	do.	F. A. Fisher	do.	35 59
10735	do.	S. V. Holt	do.	84 65
10736	do.	Ulric Johnson	Field work	32 83
10737	do.	Elmer & Amend	do.	54 79
10738	do.	John B. Bennett	Labor and boiler repairs	74 34
10739	do.	Arthur Ochs	Rabbits	31 50
10740	do.	Flangan-Pearson Co.	Publications	252 18

## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1915			
10741	June 28	V. Mueller & Co.	Laboratory apparatus	\$10 90
10742	do.	Maas Bros.	Building material	7 75
10743	do.	Illinois Malleable Iron Co.	do.	12 24
10744	do.	Chicago Towel Co.	Laundry	62 88
10745	do.	Swift & Co.	Beef hearts	6 10
10746	do.	C. G. Cox.	Traveling expense	5 32
10747	do.	H. I. Nelson	Dairy office	3 36
10748	do.	A. R. Grindley	do.	1 45
10749	do.	T. P. Lyons	do.	4 67
10750	do.	Geo. Taylor	do.	1 68
10751	do.	G. L. Magers, Homer	Creamery	1 45
10752	do.	Dale Price, Homer	do.	3 81
10753	do.	S. M. Yeazel, Homer	do.	3 89
10754	do.	W. E. Yount, Homer	do.	3 94
10755	do.	Lon Libka, Homer	do.	3 38
10756	do.	Louie J. Wienke, Homer	do.	1 81
10757	do.	Wm. Johnson, Homer	do.	4 66
10758	do.	E. L. Martin, Homer	do.	3 48
10759	do.	Elmer Whole, Homer	do.	3 21
10760	do.	T. M. Ghore, Homer	do.	4 37
10761	do.	C. R. Beavers, Homer	do.	4 89
10762	do.	Harvey Ray, Homer	do.	2 16
10763	do.	T. F. Jordan, Savoy	do.	5 94
10764	do.	B. Jordan, Savoy	do.	3 16
10765	do.	C. E. Ross, Savoy	do.	2 59
10766	do.	H. Reinhart, Dewey	do.	4 23
10767	do.	A. Shields, Dewey	do.	3 75
10768	do.	W. L. Davis, Fisher	do.	4 26
10769	do.	Mary Warner, Fisher	do.	4 13
10770	do.	J. H. Cagle, Fisher	do.	4 48
10771	do.	Wm. VanBuskirk, Fithian	do.	4 37
10772	do.	Guy Hobick, Fithian	do.	4 34
10773	do.	May Diggs, Fithian	do.	2 32
10774	do.	R. H. McAlister, Muncie	do.	3 59
10775	do.	A. Ramert, Ogden	do.	3 59
10776	do.	Wm. Leischner, Milmine	do.	4 75
10777	do.	S. P. Cary, White Heath	do.	2 57
10778	do.	R. B. Hubbard, Monticello	do.	2 84
10779	do.	Fritz Rein, Urbana	do.	6 70
10780	do.	F. A. Nofftz, Pesotum, R. F. D. No. 54	do.	3 86
10781	do.	H. Waller, Urbana, R. F. D. No. 8	do.	4 21
10782	do.	Robt. Graham	Dairy office	7 58
10783	do.	W. S. Hopkins	do.	1 61
10784	do.	J. Hammack	do.	1 14
10785	do.	Geo. Schiff	do.	2 78
10786	do.	H. R. Shade	do.	3 83
10787	do.	O. A. McInnes	do.	3 43
10788	do.	C. C. Gordan	do.	1 80
10789	do.	John McCullough	do.	3 96
10790	do.	Eli Grove	do.	4 13
10791	do.	E. Grove	do.	4 05
10792	do.	Lon Creiger	do.	3 13
10793	do.	P. E. Henderson	do.	1 12
10794	do.	P. P. Dunn	do.	2 11
10795	do.	John W. Hillard, Homer	Creamery	4 29
10796	do.	J. D. Perham, Homer	do.	3 02
10797	do.	Alf Ott, Homer	do.	2 64
10798	do.	Ed. Smith, Homer	do.	2 94
10799	do.	F. Stadden, Homer	do.	3 65
10800	do.	E. M. Frankenburg, Ogden	do.	2 65
10801	do.	Z. Alsip, Ogden	do.	3 78
10802	do.	W. J. Wilson, Ogden	do.	2 94
10803	do.	J. B. Marsh, Ogden	do.	2 43
10804	do.	W. E. Womachs, Ogden	do.	2 19
10805	do.	John Rueb, Fithian	do.	3 59
10806	do.	J. B. Skinner, Fithian	do.	3 35
10807	do.	James Freeman, Fithian	do.	3 94
10808	do.	W. J. Baker, Ponti	do.	2 30
10809	do.	C. E. Hopkins, Ponti	do.	3 61
10810	do.	J. A. H. Koch, Mayview	do.	4 05
10811	do.	G. W. VanMeter, Savoy	do.	3 28
10812	do.	S. Herriott, Seymour	do.	3 43
10813	do.	F. E. Seiner, Muncie	do.	3 16
10814	do.	L. F. Bialeschski, Pesotum	do.	3 24
10815	do.	Frank Sheffer, Bellflower	do.	4 26
10816	do.	Chas. Wagner, St. Joseph	do.	4 19
10817	do.	H. Eaton, Urbana, R. F. D. No. 9	do.	3 39
10817	do.	D. Miner, Champaign, R. F. D. No. 3	do.	5 31

## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1915			
10819	June 29	F. M. Porter	Engrossing diplomas	\$231 40
10820	do.	W. J. Fraser	Traveling expense	19 08
10821	do.	Schaefer & Dolan	Premium on surety bond	10 00
10822	do.	Evans & Howard Fire Brick Co.	Clay	216 73
10823	do.	George & Clark & Co.	Double rack	47 04
10824	do.	Westinghouse Electric & Mfg. Co.	Repairing motor	4 03
10825	do.	B. A. Strauch	Thompson prints	1 50
10826	do.	Harry Herrick	Plain casing and red tube	13 95
10827	do.	Wadsworth-Howland Co.	Oil	5 32
10828	do.	The Babcock & Wilcox Co.	Downtakes	23 00
10829	do.	Black Diamond Mfg. Co.	Belt lacing	3 92
10830	do.	W. M. Lateer	Assessment against land	6 89
10831	do.	The Gerber & Bolotin Studio	Photographs	6 00
10832	do.	American Medical Assn.	Publications	5 00
10833	do.	International Forwarding Co.	Books	8 35
10834	do.	Bradner Smith & Co.	General supplies	1 68
10835	do.	Marshall Field & Co.	Webbing	50 00
10836	do.	Physicians' Supply & Drug Co.	Chemicals	1 80
10837	do.	Thos. J. Dee & Co.	Dental supplies	21 09
10838	do.	Harms & Scheuber	Carrots	5 00
10839	do.	Advance Packing & Supply Co.	Flax packing	1 12
10840	do.	W. & L. E. Gurley	Screw and nut	1 58
10841	do.	School Science and Mathematic	Printing	3 75
10842	do.	Osgood Co.	Retouching photos	16 49
10843	do.	John Reichard	White oats	269 14
10844	do.	The Wing Seed Co.	Dwarf rape	3 30
10845	do.	U. S. Blue Print Paper Co.	General supplies	2 17
10846	do.	Twin City Printing Co.	Printing	24 60
10847	do.	L. T. Brownfield	Steam hose	1 25
10848	do.	Crane Co.	General supplies	150 52
10849	do.	J. C. Gabel	Plot labels	53 50
10850	do.	O. M. Allyn	Traveling expense	24 57
10851	do.	H. W. Blaney	do.	16 76
10852	do.	Grover Kennedy	do.	49 18
10853	do.	H. C. Lawson	do.	50 28
10854	do.	A. S. Colby	do.	3 24
10855	do.	The Cable Co.	Music books	7 49
10856	do.	Architectural Year Book	Year books	200 00
10857	do.	C. M. McConn.	Traveling expense	7 70
10858	do.	A. L. Moats	Field work	20 25
10859	do.	W. B. Day, Actuary	Petty expense	242 22
10860	do.	Twin City Roofing Co.	Building material and labor	174 30
10861	do.	Champaign Ice Cream Co.	Fruit and gelatine	12 60
10862	do.	Reliable Plumbing & Heating Co.	Building material	16 00
10863	do.	F. K. Robeson	General supplies	214 97
10864	do.	Chas. A. Hall Hardware Co.	Door locks	6 75
10865	do.	Bacon Brothers	Paint	10 25
10866	do.	Taylor Hardware Co.	General supplies	36 89
10867	do.	The Creamery Package Mfg. Co.	Machinery repairs	22 49
10868	do.	Flanigan-Pearson Co.	Printing	280 75
10869	do.	E. W. Braithwaite	Services	4 50
10870	do.	Jacob White	Patching plaster	7 00
10871	do.	F. M. Leslie	Mounting photos	16 00
10872	do.	Blanke Mfg. & Supply Co.	Gilchrist Dishes	7 99
10873	do.	Champaign Sanitary Milk Co.	Dairy products	5 00
10874	do.	Burroughs Adding Machine Co.	Machine repairs	8 28
10875	do.	William G. Johnston Co.	Office supplies	8 10
10876	do.	Champaign News	Publications	4 00
10877	do.	Harris & Mead	Refreshments for the College of Engineering	21 00
10878	do.	B. C. Knodle	General supplies	27 52
10879	do.	Central Scientific Co.	Laboratory apparatus	5 14
10880	do.	The Harshaw Fuller & Goodwin Co.	Laboratory supplies	33 62
10881	do.	The Rural Educator	Advertising	3 00
10882	do.	William Dixon	Building material	62 57
10883	do.	Belcher & Loomis Hardware Co.	Laboratory apparatus	60 49
10884	do.	U. S. Reduction Co.	Lead	1 28
10885	do.	Charles S. Platt Co.	Laboratory supplies	26 10
10886	do.	The Black Diamond	Photographs	18 45
10887	do.	Tice & Lynch	Freight	5 40
10888	do.	The Chicago Rawhide Mfg. Co.	Rawhide	12 47
10889	do.	Thos. Cook & Sons	Duty paid for cable	6 98
10890	do.	Armstrong Bros. Tool Co.	General supplies	28 19
10891	do.	E. A. Holbrook	Traveling expense	8 09
10892	do.	C. H. Bestly & Co.	Building supplies	24 04
10893	do.	Shavings & Sawdust Co.	Shavings	120 49
10894	do.	Standard Cap & Seal Co.	Cream caps and fasteners	48 00
10895	do.	James H. Rhodes & Co.	Calcium chloride	15 70

## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1915			
10896	June 29	Eastman Salt Products Co.	Calcium chloride	\$ 3 51
10897	..do.	Twin City Creamery Co.	Butter tubs	2 40
10898	..do.	Detroit Twist Drill Co.	General supplies	21 21
10899	..do.	G. C. Willis	Veiling	5 00
10900	..do.	James H. Greene	Traveling expenses	10 49
10901	..do.	Empire Laundry	Laundry	36 06
10902	..do.	Jacob Ten Boer	Field work	34 39
10903	..do.	W. E. Garrett	..do.	27 60
10904	..do.	J. E. Whitchurch	Traveling expense	76 76
10905	..do.	H. C. Wheeler	..do.	40 17
10906	..do.	P. D. Long	Field work	43 50
10907	..do.	Alf Darrt	..do.	43 67
10908	..do.	J. R. Midyett	..do.	62 86
10909	..do.	A. H. Barber Creamery Supply Co.	Parlament paper	16 00
10910	..do.	Holstein-Friesian Assn. of America	Registration	35 75
10911	..do.	The J. B. Ford Co.	Cleanser and cleaner	9 30
10912	..do.	Bauer Bros. Co.	Machinery repairs	1 80
10913	..do.	J. Ray Gallagher & Co.	Lead pipe	1 00
10914	..do.	H. C. Taylor	Baled straw	61 80
10915	..do.	Sweet-Orr & Co.	General supplies	39 00
10916	..do.	Tice & Lynch	Freight	10 50
10917	..do.	Lunham & Moore	..do.	15 13
10918	..do.	Postal Telegraph Cable Co.	Telegraph	3 50
10919	..do.	Harry Crissey	Salary, June, 1915	65 00
10920	..do.	Forest Mock	..do.	50 00
10921	..do.	Jeanette Craigmile	..do.	50 00
10922	..do.	Lawrence Nesbit	..do.	55 00
10923	..do.	Edward Lures	..do.	40 00
10924	..do.	Albert Bradford	..do.	60 00
10925	..do.	Claudia M. Gray	..do.	29 25
10926	..do.	Florence Stoutzenberg	..do.	25 00
10927	..do.	A. D. Shepard	..do.	13 00
10928	..do.	M. H. Campbell	..do.	46 20
10929	..do.	B. R. Ordonez	..do.	90 00
10930	..do.	H. L. Hueink	..do.	70 00
10931	..do.	C. S. McKellogg	..do.	31 67
10932	..do.	J. S. Whitmire	..do.	50 00
10933	..do.	A. J. Stoneburner	..do.	50 00
10934	..do.	Charles Pollard	..do.	50 00
10935	..do.	Ralph Chaplin	..do.	60 00
10936	..do.	D. C. Sprinkle	..do.	50 00
10937	..do.	C. E. Zachmire	..do.	50 00
10938	..do.	Ethel Sharp	..do.	50 00
10939	..do.	Asa Egelston	..do.	45 00
10940	..do.	W. L. Harry	..do.	100 00
10941	..do.	Harry Pritchard	..do.	70 00
10942	..do.	Ralph Pritchard	..do.	65 00
10943	..do.	Emmett Brentlinger	..do.	50 00
10944	..do.	Lawrence Utterback	..do.	50 00
10945	..do.	Hazel Rhoades	..do.	60 00
10946	..do.	Lucy Lowe	..do.	45 00
10947	..do.	H. R. Farrington	..do.	50 00
10948	..do.	Claude Moulder	..do.	50 00
10949	June 30	Rogers & Hall Co.	Bulletins	640 32
10950	..do.	M. M. Plon Mourrit & Co.	Maps	74 10
10951	..do.	Central Union Telephone Co.	Telephone	41 85
10952	..do.	Flanigan-Pearson Co.	Printing	560 00
10953	..do.	John H. Doyle	General supplies	9 90
10954	..do.	Chas. A. Hall Hardware Co.	Machinery	4 70
10955	..do.	F. K. Robeson	Grain bags	56 50
10956	..do.	Alexander Lumber Co.	Shavings	6 00
10957	..do.	Bacon Bros.	Paint brushes	1 20
10958	..do.	Twin City Roofing Co.	Repairing hoopers	2 25
10959	..do.	Ahrens & Schreiner	Animal feed	5 30
10960	..do.	Taylor Hardware Co.	General supplies	37 38
10961	..do.	Maas Brothers	Office supplies	1 75
10962	..do.	D. H. Lloyde	Blue print supplies	34 95
10963	..do.	S. E. Dillavou	General supplies	5 65
10964	..do.	J. W. Butler Paper Co.	Drawing paper	3 88
10965	..do.	Cunningham Bros.	General supplies	7 85
10966	..do.	Perceival & Moorehead	..do.	3 15
10967	..do.	Barron Bros. Coal Co.	Hay	4 09
10968	..do.	Eisner Grocery Co.	Foodstuffs	55 02
10969	..do.	Champaign Seed Co.	Seeds	30 48
10970	..do.	Fuller Morrison Co.	Medical supplies	49 85
10971	..do.	W. Lewis & Co.	Curtains and cotton batting	2 05
10972	..do.	Illinois Malleable Iron Co.	Pipe, ells, plugs	2 73
10973	..do.	The Burr Co.	Repair work and steel plates	15 44



## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1915			
10974	June 30	Pantagraph Printing & Stationery Co.	Printing	\$3,853 54
10975	do.	Illinois State Reformatory	do.	30 60
10976	do.	E. A. Eichorst.	General supplies	57 10
10977	do.	Eimer & Amend.	Chemicals	26 52
10978	do.	Western Union Telegraph Co.	Telegraph	30 46
10979	do.	The Western Union Tel. Co. (Urbana)	do.	28 02
10980	do.	Reliable Plumbing & Heating Co.	Gauge locks.	1 00
10981	do.	John McCullough.	Hay	36 00
10982	do.	Shavings & Sawdust Co.	Baled shavings.	53 09
10983	do.	American Guernsey Cattle Club	Register certificate	5 00
10984	do.	Stone & Forsyth Co.	Coin machine.	7 50
10985	do.	Chas. G. Willoughby.	Lens in kodak and scale.	9 50
10986	do.	Fairbanks, Morse & Co.	Truck casters.	27 09
10987	do.	J. G. Cherry Co.	Pulley	3 00
10988	do.	Mames H. Rhodes & Co.	Calcium chloride	11 50
10989	do.	Standard Cap & Seal Co.	Milk caps.	32 00
10990	do.	Brandt Cashier Co.	Rental Brandt Cashier	4 00
10991	do.	F. E. McClughen.	Laundry	8 13
10992	do.	Pantagraph Printing & Stationery Co.	Bulletins.	324 50
10993	do.	Kasens Express & Van Co.	Freight.	22 84
10994	do.	J. Walsh Co.	Cinders.	5 00
10995	do.	John Becker.	Rabbits	9 00
10996	do.	Keystone Type Foundry.	Machinery	8 85
10997	do.	D. A. K. Steele.	Traveling expenses	8 34
10998	do.	A. C. McClurg & Co.	Gem clips.	1 14
10999	do.	F. G. Hartwell Co.	Coal	80 16
11000	do.	J. W. Valentyne.	Post cards	5 00
11001	do.	V. Mueller & Co.	Medical supplies	3 75
11002	do.	Butler Brothers	Tumblers.	1 11
11003	do.	Bradner Smith & Co.	Office supplies	11 82
11004	do.	Harms & Scheuber	Animal food.	5 00
11005	do.	Central Scientific Co.	General supplies	1 44
11006	do.	H. W. Johns-Manville Co.	do.	4 76
11007	do.	Theodore C. Pease.	Traveling expenses	10 10
11008	do.	Geo. Banta Publishing Co.	Reprints from Vol. XIV No. 2	31 06
11009	do.	The Letter Shop.	Printing	9 00
11010	do.	A. M. Brunson.	Traveling expense	19 05
11011	do.	George Smailey.	do.	9 94
11012	do.	Frank Turner	do.	13 40
11013	do.	Rogers & Hall Co.	Printing	415 00
11014	do.	Harris & Mead.	Frappe	2 00
11015	do.	Peoples Gas Light & Coke Co.	Lighting	20 80
11016	do.	Rock & Co.	Glycocoll.	16 19
11017	do.	W. F. Hardy.	Wagon wheel.	4 50
11018	do.	Stock Yards Harness & Saddlery Co.	Cord nets.	14 00
11019	do.	Lamp Equip. Div., National Lamp Works of General Electric Co.	General supplies	6 56
11020	do.	Bauer Bros. Co.	Gear wheel.	4 35
11021	do.	Waukesha Co. Guernsey Breeders' Assn.	Live stock.	693 00
11022	do.	Ayrshire Breeders' Assn.	Sundries	14 00
11023	do.	John Reichard.	Feed stuffs.	500 17
11024	do.	Johnson & Fogle.	Farm building supplies.	10 70
11025	do.	The Reflex Ignition Co.	Reflex plugs	4 64
11026	do.	Geo. Strobe.	Awnings.	18 00
11027	do.	Juinen P. Friez & Sons.	Repairing clock.	4 85
11028	do.	F. C. Hubbard.	Food supplies.	27 40
11029	do.	C. C. Ferguson.	Horseshoes.	22 00
11030	do.	A. H. Barber Creamery Co.	Parchment wrappers.	40 00
11031	do.	A. C. McClurg & Co.	Books.	28 13
11032	do.	Ernst Hertzberg & Sons.	do.	4 70
11033	do.	Ruth Classco.	Wages, June, 1915.	15 30
11034	do.	F. E. Cavette.	do.	40 00
11035	do.	J. R. Kelley.	do.	65 00
11036	do.	Howard Osborne.	do.	20 00
11037	do.	Marie Hubbard.	do.	18 32
11038	do.	J. G. Eppinger.	do.	12 66
11039	do.	John Breedis.	do.	24 66
11040	do.	E. O. Fontaine.	do.	12 66
11041	do.	Glen Christy.	do.	24 66
11042	do.	Nellie Roberts.	do.	24 99
11043	do.	Effie G. Abraham.	do.	65 00
11044	do.	Dey B. Smith.	do.	65 00
11045	do.	Jessie B. Weston.	do.	65 00
11046	do.	Jessie E. Bishop.	do.	65 00
11047	do.	Ruth Sankee.	do.	65 00
11048	do.	Kate D. Ferguson.	do.	65 00
11049	do.	G. R. Grubb & Co.	Metal base.	2 75
11050	do.	G. H. Colman.	Wages, June, 1915.	45 00

## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
1915				
11051	June 30	Edd Taylor	Wages, June, 1915	\$ 50 00
11052	do.	H. A. Harding	Traveling expense	103 43
11053	do.	O. M. Allyn	do.	14 24
11054	do.	J. T. Newsome	do.	30 54
11055	do.	H. A. Harding	do.	17 15
11056	do.	J. F. Romine	do.	30 80
11057	do.	R. W. Dickenson	do.	37 62
11058	do.	F. W. Garrett	do.	26 91
11059	do.	E. E. Hoskins	do.	45 26
11060	do.	H. J. Snider	do.	21 36
11061	do.	Frank Morgan	Experiment field work	42 80
11062	do.	Lewis Haak	do.	29 95
11063	do.	Chas. M. Webber	Mailing bulletins	50 00
11064	do.	Laura B. Evans	Traveling expense	30 08
11065	do.	Wm. Webb	Experiment field work	77 42
11066	do.	S. M. Braden	do.	58 39
11067	do.	Wm. Powell	do.	30 28
11068	do.	Wm. Sweatman	do.	33 03
11069	do.	S. V. Holt	Traveling expense	37 48
11070	do.	F. A. Fisher	do.	36 39
11071	do.	W. H. Smith	do.	4 68
11072	do.	H. P. Rusk	do.	10 28
11073	do.	B. E. Powell	do.	18 04
11074	do.	Swift & Co.	Animal feed	2 70
11075	do.	V. Mueller & Co.	General supplies	9 96
11076	do.	Liquid Carbonic Co.	Gas	3 00
11077	do.	Chicago Towel Co.	Laundry	31 72
11078	do.	Physicians' Supply & Drug Co.	General supplies	2 70
11079	do.	Calumet Laundry Co.	Laundry	107 72
11080	do.	Ahrens & Schreiner	General supplies	4 45
11081	do.	The Peoples Gas Light & Coke Co.	Gas	24 16
11082	do.	R. S. Zeitler	Wages, June, 1915	83 33
11083	do.	L. E. Young	do.	127 50
11084	do.	High School Life	Advertising	8 00
11085	do.	City of Chicago	Elevator inspection	2 00
11086	do.	The University Hospital	Board and room	161 00
11087	do.	Mallory, Mitchell & Faust	Advertising	32 00
11088	do.	Fuller Morrison Co.	Medical supplies	12 73
11089	do.	Western Lumber Co.	Birch and yellow pine	3 74
11090	do.	O. Carliesek & Co.	Gas regulator repaired	1 25
11091	do.	Library Bureau	Books	5 00
11092	do.	Eimer & Amend	Laboratory supplies	1,716 54
11093	do.	Demonstrators' Assn. of Illinois	Cadavers, June, 1915	90 00
11094	do.	The Kat Multicopy Co.	Multicopy refilled	5 20
11095	do.	Huntley Dairy Co.	Dairy products	4 55
11096	do.	S. O. Andros	Traveling expense	3 60
11097	do.	Casavant Bros.	Organ pipes and mounting	9 80
11098	do.	Chicago Steel Tape Co.	Steel tapes repaired	3 00
11099	do.	Anasco Co.	General supplies	3 93
11100	do.	Mrs. Elsie Blaisdell	Laundry	1 30
11101	do.	A. Hoen & Co.	Map copies	1,554 00
11102	do.	Weimer & Schweinsberg	Machinery harness repaired	1 40
11103	do.	The American Pharmaceutical Assn.	Advertising	9 00
11104	do.	William Dixon	Building material	11 88
11105	do.	John Reichard	Foodstuffs	271 91
11106	do.	The University of Chicago	General supplies	49 00
11107	do.	John Wyeth & Sons	Chemicals	3 95
11108	do.	S. E. Huff & Co.	Building material	17 30
11109	do.	Taylor Hardware Co.	Brads and pin hooks	1 25
11110	do.	B. A. Strauch	Trays	2 00
11111	do.	Pantagraph Printing & Stationery Co.	Printing	352 25
11112	do.	F. K. Robeson	Magie lye	4 50
11113	do.	Champaign Seed Co.	Bran and paris green	7 75
11114	do.	F. M. Leslie	Framing pictures	6 05
11115	do.	Osgood Co.	Zinc map of Missouri	1 20
11116	do.	G. C. Willis	Ribbon	6 00
11117	do.	W. Lewis & Co.	Curtains	1 20
11118	do.	H. C. Keidel	Traveling expense	22 52
11119	do.	Knowlton & Bennett	Paint brushes	10 25
11120	do.	The Caldwell Co.	Glass fixtures	1 50
11121	do.	W. W. Walls & Co.	Dental plaster	26 00
11122	do.	R. W. Braithwaite	Medical supplies	14 60
11123	do.	Eimer & Amend	Chemicals	85 25
11124	do.	University of Illinois Supply Store	Blue printing	35 45
11125	do.	D. H. Lloyd	Office supplies	9 39
11126	do.	Irving Pitt Mfg. Co.	Index and ledger binder	13 16
11127	do.	Urbana & Champaign Ry., Gas & Electric Co.	Gas	814 43

## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1915			
11128	June 30	The Linde Air Products Co.	Oxygen.	\$ 1 75
11129	do.	Reliable Plumbing & Heating Co.	General supplies.	4 68
11130	do.	John H. Doyle.	Repair apparatus.	4 52
11131	do.	Chas. A. Hall Hardware Co.	General supplies.	4 90
11132	do.	Illinois State Reformatory.	Printing.	510 10
11133	do.	Twin City Bindery Co.	General supplies.	4 55
11134	do.	The Burr Co.	Building material.	79 01
11135	do.	Oldham Bros.	Chemicals.	11 20
11136	do.	Geo. B. Carpenter & Co.	General supplies.	19 53
11137	do.	G. R. Grubb & Co.	Zinc etchings.	11 95
11138	do.	Percival & Moorehead.	Machinery.	4 40
11139	do.	Bausch & Lomb Optical Co.	Repair work.	1 38
11140	do.	S. E. Dillavou.	Machinery.	10 15
11141	do.	Flanigan-Pearson Co.	Printing.	712 58
11142	do.	Alexander Lumber Co.	General supplies.	82 45
11143	do.	Chas. A. Schieren Co.	Belting.	57 09
11144	do.	Central Electric Co.	Electric supplies.	23 88
11145	do.	James B. Clow & Sons.	Plumbing supplies.	15 94
11146	do.	Fairbanks, Morse & Co.	Truck casters.	22 10
11147	do.	J. C. Thomas.	Copper, solder, labor.	8 00
11148	do.	R. E. Kidder Flour Mills.	Bran.	304 00
11149	do.	W. R. Bradley.	Frappe.	22 50
11150	do.	Machinist Supply Co.	Slides for vise.	3 60
11151	do.	L. E. Knorr, Assistant Comptroller.	Student labor.	637 45
11152	do.	L. E. Knorr, Assistant Comptroller.	General labor.	536 80
11153	do.	L. E. Knorr, Assistant Comptroller.	Rebates to students.	409 00
11154	do.	L. E. Knorr, Assistant Comptroller.	General labor.	289 61
11155	do.	J. W. Butler Paper Co.	Office supplies.	45 09
11156	do.	Harshaw Fuller & Goodwin Co.	Leukomin.	1 00
11157	do.	The Wabash R. R. Co.	Freight.	189 16
11158	do.	The Big Four R. R. Co. (Urbana).	do.	221 89
11159	do.	Illinois Central Ry. Co.	do.	86 88
11160	do.	The Big Four R. R. Co.	do.	32 72
11161	do.	Illinois Traction System.	do.	330 15
11162	do.	C. C. Logan.	Traveling expense.	31 26
11163	do.	H. C. Wheeler.	do.	20 04
11164	do.	Alfred Bergren.	Field work.	58 50
11165	do.	Harrison Fahrnkopf.	Traveling expense.	26 54
11166	do.	Chas. A. Campbell.	do.	27 63
11167	do.	Elmer & Amend.	Laboratory supplies.	340 94
11168	do.	The Wabash R. R. Co.	Freight.	2 13
11169	do.	Illinois State Reformatory.	Printing.	19 65
11170	do.	The Globe Wernicke Co.	Office equipment.	45 82
11171	do.	Percival & Moorehead.	Yale night latches.	4 55
11172	do.	Western Electric Co.	Electrical supplies.	16 84
11173	do.	Illinois State Reformatory.	Bulletins.	47 80
11174	do.	The Oliver Typewriter Co.	Platen.	1 55
11175	do.	Williams Brothers.	To contract.	40 75
11176	do.	Funk Bros. Seed Co.	Alfalfa feed.	12 00
11177	do.	Maas Brothers.	Springs and pins.	77
11178	do.	Tice & Lynch.	Freight.	4 00
11179	do.	Ernst Hertzberg & Sons.	Books.	51 50
11180	do.	Miller Harness Co.	Harness.	13 10
11181	do.	W. H. Browne.	Sundries.	175 18
11182	do.	The Burr Co.	General supplies.	4 50
11183	do.	Frank J. Marshall.	Traveling expenses.	33 77
11184	do.	Bernard Harrington.	Wages, June, 1915.	60 00
11185	do.	The Aluminum Cooking Utensil Co.	Error in No. 6984.	1 79
11186	do.	Eisner Grocery Co.	Syrup.	4 40
11187	do.	Neostyle Co.	Stencil paper.	3 50
11188	do.	Osgood Co.	Mine view.	1 50
11189	do.	Hall Hardware Co.	Augers.	4 00
11190	do.	E. H. Sargent & Co.	Thermometers.	15 00
11191	do.	Metal Specialty Mfg. Co.	Ignitor.	13 72
11192	do.	Chas. E. Prentice.	Repair work.	1 55
11193	do.	Twin City Creamery Co.	Butter tubs.	9 10
11194	do.	Chester Horseshoeing.	Horseshoes.	7 00
11195	do.	Ayrshire Breeders' Assn.	Sundries.	8 00
11196	do.	Taylor Hardware Co.	Hose.	5 50
11197	do.	R. W. Braithwaite.	Sundries.	8 00
11198	do.	John H. Doyle.	do.	9 60
11199	do.	Bacon Bros.	Incidentals.	1 25
11200	do.	R. E. Kidder Flour Mills.	Bran.	342 00
11201	do.	Illinois State Reformatory.	Printing.	5 70
11202	do.	Pantagraph Printing & Stationery Co.	do.	2,746 76
11203	do.	J. McCullough.	Oats.	233 38
11204	do.	Baker & Co.	Laboratory apparatus.	18 15
11205	do.	Flanigan-Pearson Co.	Printing.	352 35

## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1915			
11206	June 30	Knowlton & Bennett.	General supplies.	\$ 10 65
11207	..do..	Eimer & Amend.	Laboratory supplies.	596 96
11208	..do..	Taylor Hardware Co.	General supplies.	14 40
11209	..do..	J. W. Butler Paper Co.	Office supplies.	275 25
11210	..do..	University of Illinois Supply Store.	Paper napkins.	1 80
11211	..do..	F. K. Robeson.	Muslins.	33 66
11212	..do..	E. G. Stechert & Co.	Books.	3 63
11213	..do..	United States Treasurer.	Draft for copyright fees.	12 00
11214	..do..	L. T. Brownfield.	Repair work.	1 15
11215	..do..	Harshaw Fuller & Goodwin Co.	Powder flint.	4 80
11216	..do..	L. E. Dallenbach.	Incubating eggs.	98 70
11217	..do..	Urbana & Champaign Ry., Gas & Electric Co.	Gas.	3 40
11218	..do..	Carnegie Institution of Washington.	Publications.	2 00
11219	..do..	Sears, Roebuck & Co.	General supplies.	566 21
11220	..do..	Weimer & Schweinsberg.	Augur case.	4 35
11221	..do..	Percival & Moorehead.	Staples and nails.	4 80
11222	..do..	E. A. Eichorst.	Strap repair work.	3 35
11223	..do..	Oldham Bros.	Tanglefoot paper.	50
11224	..do..	F. K. Robeson.	Muslin.	25 00
11225	..do..	E. H. Sargent & Co.	Laboratory supplies.	46 10
11226	..do..	General Chemical Co.	Chemicals.	49 88
11227	..do..	Waukesha Mfg. Co.	Sheep crates.	10 20
11228	..do..	Harris-Dillayou & Co.	Lime.	10 50
11229	..do..	Reliable Plumbing & Heating Co.	Soldering floats.	90
11230	..do..	C. E. Percival.	Cherries.	2 50
11231	..do..	Paris Dyeing & Cleaning Co.	General cleaning.	3 45
11232	..do..	Cunningham Bros.	Laboratory supplies.	3 55
11233	..do..	Eastman Kodak Co.	Speed film.	16 00
11234	..do..	Keuffel & Esser Co. of N. Y.	Stadia slide rule.	18 90
11235	..do..	Clarence V. Boyer.	Rental of gown.	2 00
11236	..do..	Cook Bros.	..do..	3 00
11237	..do..	Hoskins Mfg. Co.	Thermo couples.	3 25
11238	..do..	F. M. Foltz.	Sieves.	2 00
11239	..do..	F. S. Burch & Co.	Cattle tags.	3 58
11240	..do..	R. C. Wagner & Son.	White ash coal.	50 25
11241	..do..	Carbondale Printing Co.	Printing.	118 75
11242	..do..	G. R. Grubb & Co.	Zinc halftones.	8 70
11243	..do..	P. D. Foster.	Repair work.	48 50
11244	..do..	Western Electric Co.	Magnet wire.	3 39
11245	..do..	Fairbanks, Morse & Co.	Truck wheels.	6 76
11246	..do..	Dodge Sales & Engineering Co.	Iron pulleys.	16 08
11247	..do..	The Frederick Post Co.	Office supplies.	10 39
11248	..do..	Review Printing & Stationery Co.	Printing.	243 90
11249	..do..	J. C. Burdick.	General supplies.	22 29
11250	..do..	A. Hoen & Co.	Books.	1,510 00
11251	..do..	Champaign Seed Co.	Bone meal.	13 50
11252	..do..	Chester Horseshoeing Co.	Horseshoes.	2 00
11253	..do..	Leavitt Mfg. Co.	Coke.	18 82
11254	..do..	Geo. B. Carpenter & Co.	Binder twine.	12 20
11255	..do..	J. H. Smith.	Field work.	90 50
11256	..do..	Wm. Fliege.	..do..	27 15
11257	..do..	O. A. Harker.	Traveling expenses.	4 00
11258	..do..	L. C. Smith & Bros.	Rental on typewriter.	17 50
11259	..do..	Creamery Package Mfg. Co.	Rubber apron and corrosive sublimate tablets.	28 69
11260	June 28	W. S. Hopkins.	Dairy office.	1 27
11261	..do..	Ralph Smith.	..do..	2 03
11262	..do..	E. F. Lyons.	..do..	3 20
11263	..do..	Geo. Taylor.	..do..	1 23
11264	..do..	L. H. Peters, Fithian.	Creamery.	4 78
11265	..do..	Guy Hobick, Fithian.	..do..	3 97
11266	..do..	Macy Bros., Fithian.	..do..	7 13
11267	..do..	J. F. Frances, Fithian.	..do..	3 73
11268	..do..	May Diggs, Fithian.	..do..	2 38
11269	..do..	F. H. Douglas, Fithian.	..do..	4 37
11270	..do..	J. Van Buskirk, Fithian.	..do..	1 78
11271	..do..	Fritz Schweinke, Homer.	..do..	3 99
11272	..do..	Van Carter, Homer.	..do..	2 90
11273	..do..	H. Allison, Homer.	..do..	3 54
11274	..do..	W. E. Yount, Homer.	..do..	3 59
11275	..do..	F. W. Howell, Homer.	..do..	2 40
11276	..do..	T. F. Jordon, Savoy.	..do..	8 31
11277	..do..	B. Jordon, Savoy.	..do..	5 27
11278	..do..	C. E. Ross, Savoy.	..do..	4 75
11279	..do..	C. E. Fisher, Savoy.	..do..	3 73
11280	..do..	R. B. Hubbard, Monticello.	..do..	6 00
11281	..do..	S. Lee Cox, Oakwood.	..do..	3 02

## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1915			
11282	June 28	I. C. Wibble, Ogden	Creamery	\$ 1 65
11283	do.	H. Duehart, Ogden	do.	4 46
11284	do.	S. P. Cary, White Heath	do.	3 59
11285	do.	John Ridgley, White Heath	do.	3 11
11286	do.	S. J. Carter, Mahomet	do.	3 56
11287	do.	Mary Warner, Mahomet	do.	4 18
11288	do.	E. E. Fletcher, Pesotum	do.	3 80
11289	do.	Wm. P. Walsh, Ludlow	do.	3 64
11290	do.	John Ingleman, Rantoul	do.	4 07
11291	do.	Dan Meider, Champaign	do.	4 41
11292	do.	Hungerford Bros., Loda	do.	3 63
11293	do.	J. Jarrett, Urbana	do.	4 29
11294	do.	J. H. Evans, Dewey	do.	4 26
11295	do.	Wm. Johnson, Allerton	do.	5 18
11296	do.	Thos. H. Barker, Bondville	do.	3 89
11297	do.	John A. Bruhn, Sidney	do.	3 56
11298	do.	J. W. Rhoades, Fisher	do.	4 40
11299	June 29	R. A. Lumsden	Dairy office	4 28
11300	do.	R. T. Lumsden	do.	3 54
11301	do.	H. M. Corray	do.	3 11
11302	do.	D. Wilkins	do.	3 46
11303	do.	Geo. Schiff	do.	4 44
11304	do.	M. Hudson	do.	3 46
11305	do.	Lon Creiger	do.	3 78
11306	do.	E. Grove	do.	4 05
11307	do.	Eli Grove	do.	4 32
11308	do.	John McCullough	do.	6 16
11309	do.	H. I. Nelson	do.	2 87
11310	do.	C. C. Gordon	do.	1 68
11311	do.	O. A. McInnes	do.	3 88
11312	do.	E. L. Martin, Homer	Creamery	3 13
11313	do.	Dale Price, Homer	do.	4 64
11314	do.	Lon Libka, Homer	do.	3 40
11315	do.	G. B. Giddings, Homer	do.	3 48
11316	do.	Harvey Ray, Homer	do.	2 21
11317	do.	Alf Ott, Homer	do.	2 89
11318	do.	Chas. Wilson, Homer	do.	3 35
11319	do.	Van Carter, Homer	do.	4 37
11320	do.	P. J. Wagner, Homer	do.	5 64
11321	do.	John A. Bruhn, Homer	do.	4 13
11322	do.	Mrs. J. H. Rubin, Fithian	do.	3 59
11323	do.	S. V. Mayhew, Fithian	do.	4 10
11324	do.	J. B. Skinner, Fithian	do.	3 59
11325	do.	J. D. Pulliam, Fithian	do.	3 05
11326	do.	John Rueb, Fithian	do.	3 59
11327	do.	W. J. Wilson, Ogden	do.	2 65
11328	do.	Wm. Case, Ogden	do.	3 86
11329	do.	Thos. Manning, Ogden	do.	2 65
11330	do.	H. Rheinhardt, Dewey	do.	4 69
11331	do.	A. Shields, Dewey	do.	4 61
11332	do.	W. J. Baker, Tonti	do.	3 48
11333	do.	C. E. Hopkins, Tonti	do.	5 74
11334	do.	H. Eaton, Urbana, R. F. D. No. 9	do.	5 89
11335	do.	H. R. Shade, Urbana, R. F. D. No. 9	do.	5 31
11336	do.	G. W. VanMeter, Savoy	do.	2 43
11337	do.	Mattie Trimmill, Oakwood	do.	4 91
11338	do.	F. J. Messman, Sadorus	do.	3 80
11339	do.	W. H. Ordell, Philo	do.	4 63
11340	do.	J. A. R. Koch, Mayview	do.	2 97
11341	June 30	L. E. Knorr, Assistant Comptroller	General labor	266 58
11342	do.	L. E. Knorr, Assistant Comptroller	Sundry bills	203 31
11343	do.	L. E. Knorr, Assistant Comptroller	Student labor	383 55
11344	do.	L. E. Knorr, Assistant Comptroller	Rebates to students	118 50
11345	do.	Applegate, M. E.	Wages, June, 1915	51 20
11346	do.	Atwell, W. M.	do.	60 69
11347	do.	Bailey, J. E.	do.	60 69
11348	do.	Barnes, V. R.	do.	92 00
11349	do.	Booker, A. J.	do.	94 00
11350	do.	Brannigan, John	do.	70 70
11351	do.	Browning, J. E.	do.	60 00
11352	do.	Brown, Harry	do.	61 95
11353	do.	Brown, Basil	do.	70 08
11354	do.	Bullock, D. M.	do.	63 94
11355	do.	Butler, Thos.	do.	61 64
11356	do.	Cagan, Karl	do.	58 73
11357	do.	Carson, Rolla	do.	52 80
11358	do.	Cassidy, J.	do.	51 20
11359	do.	Casad, Jas.	do.	120 00

## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
11360	June 30 1915	Ceduskey, J.	Wages, June, 1915.	\$ 74 80
11361	do.	Cheever, J. W.	do.	54 00
11362	do.	Clark, Bert.	do.	64 57
11363	do.	Clarey, Frank	do.	118 00
11364	do.	Collins, A. L.	do.	57 20
11365	do.	Crackel, B. F.	do.	97 20
11366	do.	Craig, J. D.	do.	94 00
11367	do.	Crabhorn, F.	do.	85 80
11368	do.	Crump, E. E.	do.	85 80
11369	do.	Davis, Jos.	do.	69 30
11370	do.	Davis, C. M.	do.	34 30
11371	do.	Dunselm, C. A.	do.	93 60
11372	do.	Dunselm, B. F.	do.	62 33
11373	do.	Ealy, Thos. J.	do.	93 00
11374	do.	Edgner, M.	do.	83 80
11375	do.	Fender, Fred.	do.	83 70
11376	do.	Fender, Fred.	do.	81 82
11377	do.	Fieg, Arthur M.	do.	57 35
11378	do.	Fisens, J. C.	do.	93 60
11379	do.	Fisens, J. J.	do.	93 60
11380	do.	Fogarty, Frank	do.	69 23
11381	do.	Fogarty, Wm.	do.	53 76
11382	do.	Fogarty, Wm.	do.	53 20
11383	do.	Fox, Felix	do.	53 00
11384	do.	Franklin, T. F.	do.	79 00
11385	do.	Franklin, C. Y.	do.	60 09
11386	do.	Gleason, S.	do.	52 60
11387	do.	Graham, V. S.	do.	63 00
11388	do.	Graylock, W. H.	do.	57 20
11389	do.	Graylock, Chas.	do.	97 20
11390	do.	Hamlin, Saul	do.	52 80
11391	do.	Hanson, Samuel	do.	69 02
11392	do.	Hanson, E. J.	do.	67 02
11393	do.	Heitz, J. P.	do.	97 62
11394	do.	Higgins, Harry	do.	97 60
11395	do.	Hills, Chas	do.	97 64
11396	do.	Hixon, W. G.	do.	52 50
11397	do.	Hoover, F. F.	do.	53 30
11398	do.	Hutton, Ross	do.	69 46
11399	do.	Irvine, F. M.	do.	75 08
11400	do.	Irvine, Jas.	do.	53 50
11401	do.	Johnson, A. L.	do.	49 50
11402	do.	Johnson, C. C.	do.	63 00
11403	do.	Johns, B.	do.	56 20
11404	do.	Jones, Margaret	do.	44 20
11405	do.	Justus, E. W.	do.	108 00
11406	do.	Kenney, Timothy	do.	88 25
11407	do.	Klein, J. A. J.	do.	69 30
11408	do.	Kreiel, Otto	do.	41 20
11409	do.	Langhoff, Fred	do.	64 63
11410	do.	Lewis, E. C.	do.	85 80
11411	do.	Lifton, A. C.	do.	69 73
11412	do.	Lytick, P. L.	do.	60 48
11413	do.	Long, J. F.	do.	34 96
11414	do.	Long, Thomas	do.	79 20
11415	do.	Mahorney, H. H.	do.	99 49
11416	do.	Mathews, Thurman	do.	69 92
11417	do.	Mendenhall, O. L.	do.	59 20
11418	do.	Meneely, Dan	do.	52 20
11419	do.	Miller, C. M.	do.	62 68
11420	do.	Miller, J. H.	do.	55 23
11421	do.	Moody, D. L.	do.	107 43
11422	do.	Moore, P. O.	do.	57 40
11423	do.	Morgan, Rebecca	do.	50 20
11424	do.	Myers, Jesse	do.	43 35
11425	do.	McAlister, A. J.	do.	59 34
11426	do.	McCallough, Jas.	do.	73 92
11427	do.	McClughan, Frances E.	do.	6 82
11428	do.	McDaniel, B. F.	do.	44 20
11429	do.	McFadden, W. J.	do.	40 90
11430	do.	McFarland, Wm.	do.	52 20
11431	do.	Nellock, Carl	do.	57 80
11432	do.	Newton, J. R.	do.	82 65
11433	do.	Ollis, C. M.	do.	71 04
11434	do.	Palfreyman, R. A.	do.	60 00
11435	do.	Peterson, Nick	do.	56 20
11436	do.	Perry, F. M.	do.	54 40
11437	do.	Pressen, E. W.	do.	68 54
				50 80

## GENERAL UNIVERSITY WARRANTS—Concluded.

No.	Date.	To whom.	For what.	Amount.
1915				
11438	June 30	Purkins, J. F.	Wages, June, 1915	\$ 59 40
11439	do.	Richards, Ed.	do.	100 80
11440	do.	Rittenhouse, G.	do.	42 30
11441	do.	Ryan, Mary	do.	42 50
11442	do.	Sandwell, Martin	do.	88 00
11443	do.	Servis, A.	do.	67 18
11444	do.	Smith, W. J.	do.	113 98
11445	do.	Smock, Lloyd	do.	60 00
11446	do.	Snider, J. C.	do.	53 76
11447	do.	Stateer, Frank	do.	66 88
11448	do.	Stearns, L. M.	do.	59 01
11449	do.	Stratton, E.	do.	75 33
11450	do.	Strum, Gus.	do.	65 25
11451	do.	Swearingen, Otto.	do.	59 06
11452	do.	Templin, Wm.	do.	98 60
11453	do.	Thompson, H. L.	do.	57 60
11454	do.	Tillotson, I. F.	do.	64 63
11455	do.	Toy, Geo.	do.	62 56
11456	do.	Turner, Geo.	do.	71 53
11457	do.	Utterback, O. J.	do.	50 80
11458	do.	Vandiventer, J. H.	do.	97 20
11459	do.	Walters, P. T.	do.	34 60
11460	do.	Warmbier, A.	do.	80 10
11461	do.	Wells, Edwin	do.	61 43
11462	do.	Wharmby, Ed.	do.	71 30
11463	do.	Wilde, Wm.	do.	93 00
11464	do.	Wilson, Wesley	do.	93 60
11465	do.	Wiltz, Frank	do.	85 00
11466	do.	Wingler, Walter	do.	60 00
11467	do.	Wrest, Otto.	do.	42 50
11468	do.	Wright, Amos	do.	90 00
11469	do.	Welch, C. J.	do.	140 00
11470	do.	Mernard, L. C.	do.	75 25
11471	do.	Boyer, W. H.	do.	95 00
11472	do.	Boghesian, M. H.	do.	44 80
11473	do.	Earhart, Chas.	do.	62 65
11474	do.	Ernst, Elmore	do.	52 80
11475	do.	Lescher, F. M.	do.	90 00
11476	do.	Munson, Morris	do.	57 40
11477	do.	Gustafson, C. L.	do.	130 00
11478	do.	Math, E. E.	do.	133 33
11479	do.	Bevis, A. L.	do.	143 00
11480	do.	Benderson, T. O.	do.	109 06
11481	do.	Murphey, Rutha	do.	60 32
11482	do.	Carothers, Cevilla	do.	52 50
11483	do.	L. E. Knorr, Assistant Comptroller	do.	40 24
11484	do.	L. E. Knorr, Assistant Comptroller	do.	37 21
11485	do.	L. E. Knorr, Assistant Comptroller	do.	74 11
11486	do.	Henry Oldys	Three lectures	75 00
11487	do.	R. C. Wagner & Son	Teaming for the month of June	171 75
11488	do.	Wm. Hix	Teaming for University	132 50
11489	do.	L. E. Knorr, Assistant Comptroller	Error in listing item on voucher G-11153.	4 50
11490	do.	Review Printing & Stationery Co.	Printing	567 10
11491	do.	Mark Small	Wages, June, 1915	60 00
11492	do.	J. W. Rinesmith	do.	45 83
11493	do.	Illinois State Reformatory	Printing	131 35
11494	do.	Joe F. Gauger	Wages, June, 1915	51 30

## II. AGRICULTURAL EXPERIMENT STATION WARRANTS.

1914				
1	July 17	F. K. Robeson	China bakers	\$ 5 20
2	do.	A. E. C. Lathrop	Rats	1 50
3	do.	Champaign Seed Co.	Corn and oats	3 52
4	July 21	E. Davenport	Salary, July, 1914	500 00
5	do.	Anna C. Glover	do.	100 00
6	do.	Florence E. Smith	do.	75 00
7	do.	J. M. Barnhart	do.	133 33
8	do.	F. A. Pearson	do.	91 66
9	do.	M. J. Prucha	do.	208 33
10	do.	H. L. Rietz	do.	100 00
11	do.	A. D. Emmett	do.	166 66

## AGRICULTURAL EXPERIMENT STATION WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
1914				
12	July 21	H. H. Mitchell	Salary, July, 1914	\$133 33
13	..do..	E. M. Bailey	..do..	175 00
14	..do..	S. J. Bole	..do..	150 00
15	..do..	Thomas Bregger	..do..	116 66
16	..do..	C. S. Crandall	..do..	291 66
17	..do..	Lawrence Lahr	..do..	50 00
18	July 27	J. E. Morgan	Wages, July, 1914	20 00
19	..do..	O. E. Staples, Bursar	Student labor	3 20
20	..do..	Roy Hansen	Wages, July, 1914	85 00
21	..do..	Walker & Mulliken	Curtains	5 00
22	July 30	Fannie B. Hart	Wages, July, 1914	37 50
23	Aug. 13	Metzler & Schafer Co.	Dog biscuits	7 00
24	Aug. 14	H. L. Rietz	Salary, August, 1914	100 00
25	..do..	A. D. Emmett	..do..	166 66
26	..do..	H. H. Mitchell	..do..	133 33
27	..do..	E. W. Bailey	..do..	175 00
28	..do..	S. J. Bole	..do..	150 00
29	..do..	Thomas Bregger	..do..	116 66
30	..do..	C. S. Crandall	..do..	291 66
31	..do..	Lawrence Lahr	..do..	50 00
32	..do..	E. Davenport	..do..	500 00
33	..do..	Anna C. Glover	..do..	100 00
34	..do..	J. M. Barnhart	..do..	133 33
35	..do..	F. A. Pearson	..do..	91 66
36	..do..	M. J. Prucha	..do..	208 33
37	Aug. 18	O. E. Staples, Bursar	Student labor	12 80
38	Aug. 26	J. E. Morgan	Wages, August, 1914	20 00
39	..do..	Whitall Tatum Co.	Laboratory supplies	10 00
40	..do..	Munhall Printing House	Manila paper	5 25
41	Aug. 31	O. E. Staples, Bursar	Student labor	11 00
42	..do..	J. B. Lyon Co.	Postal guide	3 50
43	Sept. 9	The Wabash R. R.	Freight	1 04
44	Sept. 11	O. E. Staples, Bursar	Student labor	11 00
45	..do..	O. E. Staples, Bursar	..do..	11 00
46	..do..	O. E. Staples, Bursar	..do..	1 43
47	..do..	Roy Hansen	Sundry bills	85 00
48	Sept. 16	O. E. Staples, Bursar	Wages, August, 1914	85 00
49	..do..	C. C. & St. L. Ry. Co.	Student labor	11 00
50	..do..	Taylor Hardware Co.	Freight	3 68
51	Sept. 18	Illinois Glass Co.	Screens	2 70
52	Sept. 21	F. M. Leslie	Laboratory supplies	12 00
53	..do..	F. K. Robeson	..do..	3 25
54	..do..	Taylor Hardware Co.	Cotton bats	1 80
55	..do..	Flanigan-Pearson Co.	Gasoline cans	1 30
56	Sept. 23	Anna C. Glover	Laboratory supplies	3 25
57	..do..	Roy Hansen	Salary, September, 1914	100 00
58	..do..	H. L. Rietz	..do..	85 00
59	..do..	J. E. Whitechurch	..do..	100 00
60	..do..	F. A. Pearson	..do..	150 00
61	..do..	M. J. Prucha	..do..	116 66
62	Sept. 26	Geo. E. Frazer, Comptroller	..do..	208 33
63	..do..	Metzler & Schafer Co.	Labor, Agricultural Annex	17 35
64	Sept. 30	Whitall Tatum Co.	Jars	3 80
65	..do..	O. E. Staples, Bursar	Laboratory supplies	60 28
66	..do..	D. H. Lloyde	Student labor and express	21 96
67	..do..	The Burr Co.	Chemical laboratory supplies	1 95
68	Oct. 3	J. E. Morgan	..do..	35 00
69	Oct. 14	Miller Harness Co.	Wages, September, 1914	20 00
70	..do..	Munhall Printing House	Trunk straps	4 00
71	..do..	H. Swannell & Son	Manila paper	12 75
72	..do..	F. K. Robeson	Chemical supplies	1 30
73	..do..	Geo. E. Frazer	Cheesecloth	1 25
74	..do..	Bausch & Lomb Optical Co.	Laboratory supplies, Hatch Nit.	12 58
75	..do..	C. C. & St. L. Ry. Co.	Fix., Res.	163 21
76	Oct. 17	O. E. Staples, Bursar	Laboratory supplies	1 64
77	..do..	H. Swannell & Son	Freight	21 17
78	..do..	Champaign Seed Co.	Student labor	1 60
79	Oct. 19	O. E. Staples, Bursar	Laboratory supplies	8 38
80	Oct. 21	L. C. Smith & Bros. Typewriter Co.	Sunflower seed	12 13
81	Oct. 28	Anna C. Glover	Express	20 00
82	..do..	Florence E. Smith	Balance on typewriter No. 219496-5	20 00
83	..do..	Roy Hansen	Salary, October, 1914	100 00
84	..do..	J. E. Whitechurch	..do..	75 00
85	..do..	M. J. Prucha	..do..	85 00
86	..do..	F. A. Pearson	..do..	150 00
			..do..	208 33
			..do..	116 66



## AGRICULTURAL EXPERIMENT STATION WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1914			
87	Oct. 28	J. M. Barnhart.	Salary, October, 1914.	\$150 00
88	do.	H. L. Rietz.	do.	100 00
89	do.	Anton Prasil.	do.	75 00
90	do.	E. W. Bailey.	do.	175 00
91	do.	Thos. Bregger.	do.	116 66
92	do.	C. S. Crandall.	do.	291 66
93	do.	S. J. Bole.	do.	150 00
94	do.	Lawrence Lahr.	do.	50 00
95	do.	J. E. Morgan.	Wages, October, 1914.	29 00
96	Oct. 30	B. A. Strauch.	Porcelain tray.	3 50
97	Nov. 4	Oscar Ashman.	Wages, October, 1914.	13 40
98	do.	S. E. Huff & Co.	Lumber.	2 20
99	do.	Taylor Hardware Co.	Wire cloth.	2 85
100	Nov. 5	O. E. Staples, Bursar.	Sundry bills.	25 69
101	Nov. 7	L. E. Thorne.	Wages, September and October, 1914.	30 45
102	do.	F. K. Robeson.	Toweling cloth.	1 15
103	do.	S. E. Huff & Co.	Lumber.	3 00
104	Nov. 20	Hunter Rourke & Co.	Lumber.	5 75
105	do.	Champaign Seed Co.	Laboratory supplies.	8 13
106	do.	Spencer Lens Co.	do.	6 21
107	do.	Bausch & Lomb Optical Co.	do.	8 79
108	Nov. 25	O. E. Staples, Bursar.	Sundry bills.	33 30
109	do.	J. E. Morgan.	Wages, November, 1914.	29 00
110	do.	Elmer & Amend.	Thermometer.	3 00
111	do.	E. Davenport.	Traveling expenses.	69 58
112	do.	Anna C. Glover.	Salary, November, 1914.	100 00
113	do.	Roy Hansen.	do.	85 00
114	do.	Florence E. Smith.	do.	75 00
115	do.	J. E. Whitechurch.	do.	150 00
116	do.	J. M. Barnhart.	do.	150 00
117	do.	F. A. Pearson.	do.	116 66
118	do.	M. J. Prucha.	do.	208 33
119	do.	H. L. Rietz.	do.	100 00
120	do.	W. E. Joseph (cancelled Jan. 28, 1915).	do.	75 00
121	do.	E. W. Bailey.	do.	175 00
122	do.	S. J. Bole.	do.	150 00
123	do.	Thomas Bregger.	do.	116 66
124	do.	C. S. Crandall.	do.	291 66
125	do.	Lawrence Lahr.	do.	50 00
126	Nov. 30	Illinois State Reformatory.	Envelopes.	10 50
127	Dec. 7	Bacon Bros.	Linseed oil and paint brush.	1 20
128	do.	Addressograph Co.	Tabs.	2 46
129	do.	O. E. Staples, Bursar.	Sundry bills.	21 07
130	do.	Geo. E. Frazer, Comptroller.	Balance of charge for excavation for incubator chamber, Agricultural Building Annex.	4 47
131	Dec. 11	The R. Woodman Mfg. & Supply Co.	Steel dies.	3 00
132	do.	Anton Prasil.	Salary, Nov. 1-21, 1914.	54 00
133	do.	Metzler & Schafer Co.	Laboratory supplies.	1 39
134	do.	Barbee Wire & Iron Works.	Wire cages.	120 00
135	do.	Percival & Moorehead.	Hardware.	1 33
136	do.	Elmer & Amend.	Thermometer.	3 01
137	Dec. 15	L. E. Knorr, Assistant Comptroller.	Sundry bills.	53 63
138	do.	E. H. Sargent & Co.	Cover glasses.	6 89
139	Dec. 18	H. L. Rietz.	Salary, December, 1914.	100 00
140	do.	W. E. Joseph.	do.	150 00
141	do.	E. W. Bailey.	do.	175 00
142	do.	S. J. Bole.	do.	150 00
143	do.	Thos. Bregger.	do.	116 66
144	do.	C. S. Crandall.	do.	291 66
145	do.	Lawrence Lahr.	do.	50 00
146	do.	Anna C. Glover.	do.	100 00
147	do.	Florence E. Smith.	do.	75 00
148	do.	J. E. Whitechurch.	do.	150 00
149	do.	M. J. Prucha.	do.	208 33
150	do.	F. A. Pearson.	do.	116 66
151	do.	J. M. Barnhart.	do.	150 00
152	do.	Roy Hansen.	do.	85 00
153	Dec. 22	J. M. Mylroie.	Wages, December, 1914.	59 86
154	do.	J. P. Cannata.	Heliotrope cuttings.	1 00
155	do.	Champaign Seed Co.	Cracked corn, oats and sunflower seed.	7 63
156	Dec. 28	L. E. Knorr, Assistant Comptroller.	Student labor.	41 70
157	Dec. 31 1915	J. E. Morgan.	Wages, December, 1914.	29 00
158	Jan. 8	L. E. Knorr, Assistant Comptroller.	Sundry bills.	6 70
159	do.	A. E. C. Lathrop.	Waltzing mice.	2 00

## AGRICULTURAL EXPERIMENT STATION WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
<b>1915</b>				
160	Jan. 8	Library Bureau.	Tin trays.	\$ 3 00
161	do.	Flanigan-Pearson Co.	Swine record blanks.	8 00
162	do.	G. R. Grubb & Co.	Zinc etching and rubber stamp.	1 40
163	do.	Ell-Gee-Tee Co.	One barrel "Dip-No-More"	17 00
164	do.	J. E. Whitechurch.	Traveling expenses.	30 98
165	Jan. 12	Joseph L. Hills.	Dues for year, 1914-15 to Association American Colleges and Experiment Stations	20 00
166	Jan. 15	E. H. Sargent & Co.	Laboratory supplies.	6 70
167	do.	John Heffernan & Son.	do.	2 40
168	do.	Potter & Wrightington.	Dog bread.	10 08
169	do.	C. Bensinger Co.	Duplicator.	5 50
170	do.	J. A. Detlefsen.	Traveling expenses.	97 05
171	do.	F. K. Robeson.	Cotton batts.	1 80
172	do.	Geo. E. Frazer, Comptroller.	Laboratory supplies, Agricultural	21 92
173	Jan. 20	L. E. Knorr, Assistant Comptroller.	Student labor.	8 20
174	do.	Bausch & Lomb Optical Co.	Laboratory supplies.	29 22
175	Jan. 25	J. E. Morgan.	Wages, January, 1915.	29 00
176	do.	J. M. Myroie.	do.	62 40
177	Jan. 27	Champaign Seed Co.	Cracked corn and oats.	3 83
178	do.	Fuller-Morrison Co.	Laboratory supplies.	2 57
179	Jan. 28	J. E. Whitechurch.	Salary, January, 1915.	150 00
180	do.	M. J. Prucha.	do.	208 33
181	do.	F. A. Pearson.	do.	116 66
182	do.	J. M. Barnhart.	do.	150 00
183	do.	Anna C. Glover.	do.	100 00
184	do.	Florence E. Smith.	do.	75 00
185	do.	Roy Hansen.	do.	85 00
186	do.	W. E. Joseph.	do.	75 00
187	do.	H. H. Mitchell.	do.	141 66
188	do.	E. W. Bailey.	do.	175 00
189	do.	Thos. Bregger.	do.	116 66
190	do.	C. S. Crandall.	do.	291 66
191	do.	H. L. Rietz.	do.	100 00
192	do.	J. F. Smith.	Wages, January, 1915.	75 00
193	Feb. 4	Lawrence E. Thorne.	Wages, January, 1915.	33 30
194	do.	H. Swannell & Son.	Thermometers.	1 20
195	do.	E. H. Sargent & Co.	Laboratory supplies.	16 50
196	do.	Spencer Lens Co.	do.	11 53
197	Feb. 9	L. E. Knorr, Assistant Comptroller.	Express.	2 07
198	do.	L. E. Knorr, Assistant Comptroller.	Student labor.	8 80
199	do.	F. H. Thomas Co.	Laboratory supplies.	1 61
200	do.	E. H. Sargent & Co.	Battery jars.	6 75
201	Feb. 15	Bausch & Lomb Optical Co.	Laboratory supplies.	2 17
202	do.	Chesley & Co.	do.	1 90
203	do.	B. E. Spalding.	Beef extract.	3 75
204	Feb. 24	L. E. Knorr, Assistant Comptroller.	Sundry bills.	26 93
205	do.	J. E. Whitechurch.	Salary, February, 1915.	150 00
206	do.	M. J. Prucha.	do.	208 33
207	do.	F. A. Pearson.	do.	116 66
208	do.	J. M. Barnhart.	do.	150 00
209	do.	Anna C. Glover.	do.	100 00
210	do.	Florence E. Smith.	do.	75 00
211	do.	H. H. Wheeler.	do.	70 00
212	do.	Roy Hansen.	do.	85 00
213	do.	W. E. Joseph.	do.	150 00
214	do.	H. H. Mitchell.	do.	141 66
215	do.	H. S. Grindley.	do.	291 66
216	do.	H. L. Rietz.	do.	100 00
217	do.	J. E. Morgan.	Wages, February, 1915.	29 00
218	do.	R. C. Glover.	do.	52 50
219	do.	Lawrence E. Thorne.	do.	27 00
220	do.	J. F. Smith.	do.	75 00
221	do.	Bausch & Lomb Optical Co.	Laboratory apparatus.	58 23
222	do.	F. M. Holbrook.	Two white skunks.	35 04
223	Feb. 26	E. E. Hoskins.	Traveling expenses.	22 22
224	do.	Champaign Seed Co.	Corn, oats and sunflower seed.	9 14
225	Mar. 4	E. H. Sargent & Co.	Petri dishes.	12 00
226	do.	Illinois State Reformatory.	Envelopes.	45 75
227	do.	J. M. Myroie.	Wages, February, 1915.	37 80
228	do.	L. E. Knorr, Assistant Comptroller.	Student labor.	16 20
229	Mar. 15	Star & Crescent Milling Co.	Middlings.	620 00
230	do.	F. S. Springer, Secretary, American Berkshire Assn.	Registration fees.	19 50
231	do.	Edward Pennoek.	Test plate.	4 07
232	do.	Lawrence E. Thorne.	Wages, February, 1915.	25 90
233	do.	L. E. Knorr, Acting Comptroller.	Express.	1 27
234	do.	E. E. Hoskins.	Traveling expenses.	14 77

## AGRICULTURAL EXPERIMENT STATION WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
<b>1915</b>				
235	Mar. 15	American Tamworth Swine Record Assn.	Certificate record.	\$ 2 00
236	do.	Chesley & Co.	Laboratory supplies.	1 47
237	Mar. 17	L. E. Knorr, Acting Comptroller.	Student labor.	12 00
238	do.	Bausch & Lomb Optical Co.	Laboratory supplies.	3 49
239	Mar. 19	E. E. Hoskins.	Traveling expenses.	19 56
240	do.	J. E. Whitchurch.	do.	27 07
241	Mar. 24	C. C. C. & St. L. Ry. Co.	Freight.	1 22
242	do.	American Yorkshire Club.	Registry certificates.	5 00
243	do.	Illinois State Reformatory.	Printing.	8 65
244	do.	E. E. Hoskins.	Traveling expenses.	18 26
245	do.	R. C. Glover.	Wages, March, 1915.	50 00
246	Mar. 29	J. E. Whitchurch.	Salary, March, 1915.	150 00
247	do.	E. E. Hoskins.	do.	150 00
248	do.	M. J. Prucha.	do.	208 33
249	do.	F. A. Pearson.	do.	116 66
250	do.	J. M. Barnhart.	do.	150 00
251	do.	Anna C. Glover.	do.	125 00
252	do.	Florence E. Smith.	do.	100 00
253	do.	H. H. Wheeler.	do.	70 00
254	do.	Roy Hansen.	do.	85 00
255	do.	W. E. Joseph.	do.	150 00
256	do.	H. H. Mitchell.	do.	141 66
257	do.	J. A. Detlefsen.	do.	200 00
258	do.	H. S. Grindley.	do.	291 66
259	do.	H. L. Rietz.	do.	100 00
260	do.	Lawrence E. Thorne.	Wages, March, 1915.	21 70
261	do.	J. E. Morgan.	do.	29 00
262	do.	J. F. Smith.	do.	75 00
263	do.	J. E. Whitchurch.	Traveling expenses.	26 18
264	do.	University of Illinois.	Material from postage stores.	20 00
265	do.	Harris-Dillavou & Co.	Coal.	16 75
266	do.	Champaign Seed Co.	Feed stuffs.	4 14
267	do.	Burley & Tyrrell Co.	Laboratory supplies.	6 22
268	Mar. 31	University of Illinois.	Material from University store-rooms, U. S. Experiment Station, Botany.	36 31
269	Apr. 6	L. E. Knorr, Acting Comptroller.	Student labor.	10 80
270	do.	University of Illinois.	Material from University and office supply store rooms.	2 69
271	do.	E. E. Hoskins.	Traveling expenses.	10 12
272	do.	J. M. Myrle.	Wages, March, 1915.	35 40
273	Apr. 9	L. E. Knorr, Acting Comptroller.	Sundry bills.	2 86
274	do.	Vaughans Seed Store.	Laboratory supplies.	4 00
275	do.	Addressograph Co.	Office supplies.	12 57
276	Apr. 19	E. E. Hoskins.	Traveling expenses.	47 25
277	Apr. 21	W. W. Thomas.	Strawberry plants.	2 15
278	do.	Underwood Typewriter Co.	Type repairs.	2 44
279	do.	Thos. Franks & Son.	Heliotope plants.	1 00
280	do.	Chesley & Co.	Laboratory supplies.	5 56
281	do.	Hefferman & Son.	Bottles.	1 00
282	Apr. 23	J. E. Morgan.	Wages, April, 1915.	30 00
283	do.	J. F. Smith.	do.	75 00
284	do.	R. C. Glover.	do.	50 00
285	do.	L. E. Thorne.	do.	15 05
286	do.	E. E. Hoskins.	Traveling expense.	29 95
287	Apr. 28	Eimer & Amend.	Filters.	4 11
288	do.	E. H. Sargent & Co.	Laboratory supplies.	7 30
289	do.	Champaign Seed Co.	Cracked corn and oats.	4 14
290	do.	W. E. Joseph.	Salary, April, 1915.	150 00
291	do.	H. H. Mitchell.	do.	141 66
292	do.	J. A. Detlefsen.	do.	200 00
293	do.	H. S. Grindley.	do.	291 66
294	do.	W. J. Carmichael.	do.	116 66
295	do.	C. I. Newlin.	do.	108 33
296	do.	Elmer Roberts.	do.	100 00
297	do.	Mary H. Keith.	do.	108 33
298	do.	H. L. Rietz.	do.	100 00
299	do.	J. E. Whitchurch.	do.	150 00
300	do.	F. W. Garrett.	do.	116 66
301	do.	M. J. Prucha.	do.	208 33
302	do.	F. A. Pearson.	do.	116 66
303	do.	J. M. Barnhart.	do.	150 00
304	do.	Anna C. Glover.	do.	125 00
305	do.	Florence H. Smith.	do.	100 00
306	do.	H. H. Wheeler.	do.	70 00
307	do.	Roy Hansen.	do.	85 00
308	Apr. 30	Fuller-Morrisson & Co.	Flower seeds.	6 50
309	May 7	E. S. Axline.	Wages, April, 1915.	31 27

## AGRICULTURAL EXPERIMENT STATION WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
310	May 7	1915 H. C. Eckstein	Wages, April, 1915	\$ 75 00
311	do.	R. A. Nelson	do.	75 00
312	do.	Oscar Ashman	do.	11 00
313	do.	J. M. Mylroie	do.	30 00
314	do.	A. L. Shriver	do.	51 48
315	do.	Hazel L. Rock	do.	50 00
316	do.	L. E. Knorr, Assistant Comptroller	Student labor	10 80
317	May 12	Illinois Glass Co.	Phila Ovals	10 50
318	May 17	E. H. Sargent & Co.	Sodium nitrate	1 25
319	do.	L. E. Knorr	Express bills	2 51
320	May 25	Ernst Leitz	Universal microscope stand with accessories	271 08
321	do.	Champaign Seed Co.	Corn and oats	4 14
322	do.	Potter & Wrightington	Laboratory supplies	8 53
323	do.	Champaign Seed Co.	Seeds	8 28
324	do.	C. W. Murphy	Scraper and brushes	1 94
325	do.	Hazel L. Rock	Wages, May, 1915	50 00
326	do.	J. E. Morgan	do.	30 00
327	May 26	W. E. Joseph	Salary, May, 1915	150 00
328	do.	H. H. Mitchell	do.	141 66
329	do.	J. A. Detlefsen	do.	200 00
330	do.	H. S. Grindley	do.	291 66
331	do.	W. J. Carmichael	do.	116 66
332	do.	C. I. Newlin	do.	108 33
333	do.	Elmer Roberts	do.	100 00
334	do.	Mary H. Keith	do.	108 33
335	do.	H. L. Rietz	do.	100 00
336	do.	M. J. Frucha	do.	208 33
337	do.	F. A. Pearson	do.	116 66
338	do.	J. M. Barnhart	do.	150 00
339	do.	Frank Turner	do.	75 00
340	do.	J. E. Whitchurch	do.	150 00
341	do.	E. E. Hoskins	do.	150 00
342	do.	F. W. Garrett	do.	116 66
343	do.	Anna C. Glover	do.	125 00
344	do.	Florence E. Smith	do.	100 00
345	do.	J. H. Wheeler	do.	70 00
346	do.	Roy Hansen	do.	85 00
347	May 27	R. C. Glover	Wages, May, 1915	48 00
348	do.	Fuller-Morrison & Co.	Sunflower seeds	17 03
349	May 31	R. A. Nelson	Wages, May, 1915	75 00
350	do.	L. E. Thorne	do.	42 00
351	June 1	University of Illinois	Office supplies	5 70
352	do.	University of Illinois	Material furnished	6 61
353	June 2	J. M. Mylroie	Wages, May, 1915	19 80
354	June 4	Potter & Wrightington	Dog bread	8 75
355	do.	M. R. Davis	Wages	34 95
356	June 6	L. E. Knorr, Assistant Comptroller	Sundry bills paid	1 60
357	do.	L. E. Knorr, Assistant Comptroller	Student labor	10 50
358	June 8	The Tablet & Ticket Co.	Blk. letters	18 98
359	June 13	Dallenbach Brothers	Cans	1 40
360	June 16	L. E. Knorr, Assistant Comptroller	Student labor	24 45
361	June 19	L. E. Thorne	Computing statistics	39 11
362	do.	J. W. Butler Paper Co.	Office supplies	50 04
363	June 28	J. A. Detlefsen	Traveling expense	5 69
364	do.	J. W. Butler Paper Co.	Office supplies	142 99
365	do.	Burley & Tyrrell Co.	Plain Boston mappies	13 56
366	do.	Taylor Hardware Co.	Trap and screw driver	1 05
367	do.	J. E. Morgan	Wages, June, 1915	30 00
368	do.	Eimer & Amend	Laboratory supplies	16 00
369	do.	Eugene Davenport	Salary, June, 1915	500 00
370	do.	H. L. Rietz	do.	100 00
371	do.	W. E. Joseph	do.	150 00
372	do.	H. H. Mitchell	do.	141 66
373	do.	J. A. Detlefsen	do.	200 00
374	do.	H. S. Grindley	do.	291 66
375	do.	W. J. Carmichael	do.	116 66
376	do.	C. I. Newlin	do.	108 33
377	do.	Elmer Roberts	do.	100 00
378	do.	Mary H. Keith	do.	108 33
379	do.	Anna C. Glover	do.	125 00
380	do.	Florence E. Smith	do.	100 00
381	do.	H. H. Wheeler	do.	70 00
382	do.	J. E. Whitchurch	do.	150 00
383	do.	E. E. Hoskins	do.	150 00
384	do.	F. W. Garrett	do.	116 66
385	do.	F. A. Pearson	do.	116 66
386	do.	J. M. Barnhart	do.	150 00

## AGRICULTURAL EXPERIMENT STATION WARRANTS—Concluded.

No.	Date.	To whom.	For what.	Amount.
	1915			
387	June 28	Roy Hansen.	Salary, June, 1915.	\$ 85 00
388	do.	J. W. Butler Paper Co.	Office supplies.	240 29
389	June 30	R. C. Glover.	Wages, June, 1915.	50 00
390	do.	F. K. Robeson.	White muslin.	1 93
391	do.	J. W. Butler Paper Co.	Office supplies.	117 15
392	do.	Illinois Central Ry. Co.	Freight.	40 27
393	do.	Bradder Smith & Co.	Tissue excelsior.	12 19
394	do.	L. E. Knorr, Assistant Comptroller.	General labor.	15 63
395	do.	University of Illinois.	Material from storeroom.	25 90
396	do.	University of Illinois.	do.	46 27
397	do.	L. E. Knorr, Assistant Comptroller.	Sundry bills.	4 86

## III. UNITED STATES SMITH-LEVER FUND WARRANTS.

	1915			
SL 1	May 1	E. E. Hoskins.	Salary.	\$ 150 00
SL 2	do.	C. C. Logan.	do.	150 00
SL 3	do.	Geo. N. Coffey.	do.	66 11
SL 4	do.	W. F. Handschin.	do.	187 50
SL 5	do.	W. H. Smith.	do.	141 66
SL 6	do.	W. B. Nevens.	do.	75 00
SL 7	do.	W. W. Yapp.	do.	100 00
SL 8	do.	B. S. Pickett.	do.	250 00
SL 9	do.	Mamie Bunch.	do.	166 66
SL 10	do.	Sena Williford.	do.	60 00
SL 11	do.	J. E. Readhimer.	do.	100 00
SL 12	do.	E. B. Heaton.	do.	100 00
SL 13	do.	Wm. G. Eckhardt.	do.	100 00
SL 14	May 7	Felt & Tarrant Mig. Co.	Comptometer.	250 00
SL 15	do.	George M. Coffey.	Traveling expense.	17 92
SL 16	do.	University of Illinois.	Bills paid.	885 55
SL 17	do.	Olive Percival.	Conducting schools.	60 00
SL 18	May 12	Johnston & Keichline.	Flooring.	10 00
SL 19	do.	Mamie Bunch.	Brushes.	8 59
SL 20	do.	University of Illinois.	Bills paid.	1,195 00
SL 21	May 17	Mamie Bunch.	Traveling expenses.	4 10
SL 22	May 19	The University Press.	Printing.	34 00
SL 23	do.	W. F. Handschin.	Traveling expenses.	24 88
SL 24	do.	D. H. Lloyd.	Mimeograph.	48 00
SL 25	do.	G. N. Coffey.	Traveling expense.	36 25
SL 26	May 21	The Globe Wernicke Co.	Filing case.	55 84
SL 27	do.	W. F. Handschin.	Traveling expenses.	7 34
SL 28	May 25	Mrs. Cecil Baker.	Conducting Demonstration School.	30 00
SL 29	do.	Mrs. Susan B. Walcott.	do.	30 00
SL 30	do.	Mrs. Jennie C. Barlow.	do.	30 65
SL 31	do.	Sena Williford.	Wages.	60 00
SL 32	do.	Fannie Brooks.	Conducting Demonstration School.	60 00
SL 33	May 26	Peck & Hills Furniture Co.	Office desk.	25 48
SL 34	do.	W. B. Nevens.	Salary, May, 1915.	75 00
SL 35	do.	W. W. Yapp.	do.	100 00
SL 36	do.	W. T. Crandall.	do.	75 00
SL 37	do.	B. S. Pickett.	do.	250 00
SL 38	do.	C. C. Logan.	do.	150 00
SL 39	do.	D. O. Barto.	do.	175 02
SL 40	do.	W. H. Smith.	do.	141 66
SL 41	do.	Mamie Bunch.	do.	166 66
SL 42	do.	W. F. Handschin.	do.	187 50
SL 43	do.	G. N. Coffey.	do.	233 33
SL 44	May 27	Olive Percival.	Traveling expenses.	16 20
SL 45	do.	Mamie Bunch.	do.	14 53
SL 46	do.	E. B. Heaton.	Salary, May, 1915.	100 00
SL 47	do.	J. E. Readhimer.	do.	100 00
SL 48	do.	W. G. Eckhardt.	do.	100 00
SL 49	May 28	Western Union Telegraph Co.	Telephone and telegraph.	1 07
SL 50	May 31	The Wabash R. R.	Freight.	1 28
SL 51	do.	University of Illinois.	Material furnished.	30 96
SL 52	June 4	C. A. Kiler.	Globe safe.	55 30
SL 53	do.	Peck & Hills Furniture Co.	Office chairs.	13 72
SL 54	do.	Mamie Bunch.	Traveling expense.	9 25
SL 55	June 8	L. E. Knorr, Assistant Comptroller.	Express bills.	1 42
SL 56	June 10	Mrs. E. W. Donoho.	Conducting schools.	30 00
SL 57	do.	A. M. & L. A. Terwilliger.	Kettle and skillet.	4 50
SL 58	June 16	W. F. Handschin.	Traveling expense.	17 30
SL 59	do.	Mamie Bunch.	do.	9 70

## UNITED STATES SMITH-LEVER FUND WARRANTS—Concluded.

No.	Date.	To whom.	For what.	Amount.
	1915			
SL 60	June 16	Olive B. Percival	Traveling expense	\$120 00
SL 61	do.	Fannie Brooks	Conducting demonstrations	40 00
SL 62	June 19	The Big Four R. R. Co.	Freight	1 04
SL 63	June 28	A. C. McClurg & Co.	Books	27 09
SL 64	do.	Mrs. Antonette Donoho	Dressmaking demonstrations and exhibit	20 00
SL 65	do.	West Disinfecting Co.	Laboratory apparatus	45 00
SL 66	do.	Stamping & Tool Co.	Colander	1 12
SL 67	do.	Landen, Rray & Clark	Kitchen utensils	25 61
SL 68	do.	E. C. Bridgman	Meat cutting charts	10 00
SL 69	do.	Albert Pick & Co.	Laboratory apparatus	8 33
SL 70	do.	Jno. D. Bangs & Co.	Kitchen utensils	46 87
SL 71	do.	Northwestern Steel & Iron Works	Canning outfit	8 00
SL 72	do.	Mrs. Rose Breckenridge	Freight and drayage	1 74
SL 73	do.	Marshall Field & Co.	General supplies	50 28
SL 74	do.	Standard Oil Co.	Stove	19 50
SL 75	do.	Sturgis & Walton Co.	Books	5 51
SL 76	do.	W. F. Handschin	Salary, June, 1915	187 50
SL 77	do.	G. N. Coffey	do	233 33
SL 78	do.	C. C. Logan	do	150 00
SL 79	do.	W. H. Smith	do	141 66
SL 80	do.	W. W. Yapp	do	100 00
SL 81	do.	W. B. Nevins	do	75 00
SL 82	do.	B. S. Pickens	do	100 00
SL 83	do.	Mamie Bunch	do	166 66
SL 84	June 29	J. E. Readhimer	do	100 00
SL 85	do.	Wm. G. Eckhardt	do	100 00
SL 86	do.	E. B. Heaton	do	100 00
SL 87	do.	E. W. Rusk	do	150 00
SL 88	do.	D. O. Thompson	do	150 00
SL 89	do.	Sena Williford	do	60 00
SL 90	do.	Western Union Telegraph Co.	Telegraph	1 75
SL 91	June 30	D. H. Lloyd	Rotary mimeograph	36 00
SL 92	do.	Central Union Telephone Co.	Exchange services	3 29
SL 93	do.	Marshall Field & Co.	General supplies	4 05
SL 94	do.	D. H. Lloyd	Victrola and book	150 75
SL 95	do.	Walker & Muliken	Furniture	64 83
SL 96	do.	Mrs. E. W. Donoho	Demonstrations	20 00
SL 97	do.	Alice C. Boughton, Superintendent	Copies of reports	1 00
SL 98	do.	McClernan Metal Products Co.	Kitchen cabinet	22 54
SL 99	do.	Multiplex Display Fixture Co.	Multiplex fixture	49 00
SL 100	do.	Brokaw Eden Mfg. Co.	Electric washing machine	66 50
SL 101	do.	G. C. Willis	General supplies	13 14
SL 102	do.	National Can Co.	Kitchen utensils	11 92
SL 103	do.	The Big Four R. R. Co.	Freight	1 15
SL 104	do.	Avery Co.	Booklets	1 00
SL 105	do.	Naomi Newburn	Traveling expense	9 65
SL 106	do.	A. C. McClurg & Co.	Books	2 54
SL 107	do.	The Wabash R. R. Co.	Freight	96
SL 108	do.	Perfection Dish Dryer Co.	Dish dryer	1 00
SL 109	do.	D. H. Lloyd	Books	5 01
SL 110	do.	Marshall Field & Co.	Muse spec.	8 00
SL 111	do.	J. M. Hanson-Bennett Magazine Agency	Books	3 45
SL 112	do.	G. C. Willis	General supplies	8 23
SL 113	do.	C. A. Kiler	Office equipment	18 06
SL 114	do.	Geo. Strode	Awnings	8 00
SL 115	do.	The Globe Wernicke Co.	Office equipment	24 85
SL 116	do.	Underwood Typewriter Co.	Typewriter	71 75
SL 117	do.	Good Housekeeping	Subscription	3 60
SL 118	do.	Howard Studio	Photographs	1 50
SL 119	do.	L. E. Knorr, Assistant Comptroller	Sundry bills	8 17
SL 120	do.	University of Illinois	do	133 37
SL 121	do.	Western Union Telephone Co.	Telephone and telegraph	3 40
SL 122	do.	W. F. Handschin	Traveling expenses	18 68
SL 123	do.	J. E. Readhimer	Salary, June, 1915	110 00
SL 124	do.	Wm. G. Eckhardt	do	110 00
SL 125	do.	E. B. Heaton	do	110 00
SL 126	do.	G. N. Coffey	Traveling expense	3 17
SL 127	do.	W. F. Handschin	do	5 70
SL 128	do.	University of Illinois	Postage	1 46
SL 129	do.	R. S. Baker	Camera	58 54

## IV. TRUSTS FUND WARRANTS.

No.	Date.	To whom.	For what.	Amount.
	1914			
1	July 21	Max Montgomery	Final payment on Plym. Fellowship	\$ 200 00
2	Aug. 31	Geo. Huff	Money advanced for refund of towel deposits for summer session, 1914.	25 00
3	Sept. 22	Edith Hyde	Loan, Woman's League Fund.	90 00
4	..do..	Ellis J. Potter	Loan, Snyder Fund.	200 00
5	..do..	Joseph L. Kobylanski	..do.	200 00
6	..do..	Earl W. Hitchcock	..do.	200 00
7	..do..	Ralph R. Wagner	..do.	150 00
8	..do..	Chas. Sidney Washburn (Cancelled)	..do.	200 00
9	..do..	Harry B. Rogers	..do.	200 00
10	..do..	Everett F. Murphy	Loan, McKinley Fund	250 00
11	..do..	Carlton F. Olsen	..do.	200 00
12	..do..	John D. Culp	..do.	100 00
13	..do..	Judson E. Chubbuck	..do.	75 00
14	Oct. 2	August M. Barreau	Loan from Edward Snyder Fund	200 00
15	Oct. 3	O. E. Staples, Bursar	Rebates to students, military uniforms.	1,005 40
16	..do..	Jewish Quarterly Review	Books	11 00
17	Oct. 6	O. E. Staples, Bursar	Rebates to students, military suits	874 80
18	..do..	O. E. Staples, Bursar	..do.	1,344 60
19	Oct. 8	O. E. Staples, Bursar	..do.	1,231 20
20	Oct. 13	O. E. Staples, Bursar	..do.	615 60
21	Oct. 14	Stewart T. Smith	Loan from Edward Snyder Fund	200 00
22	Oct. 17	O. E. Staples, Bursar	Rebates to students, military suits	356 40
23	Oct. 19	O. E. Staples, Bursar	Rebates to students, military suits and key deposits.	97 70
24	Oct. 27	O. E. Staples, Bursar	Rebates to students, military suits	227 30
25	Oct. 30	O. E. Staples, Bursar	..do.	129 60
26	Nov. 3	F. W. Whittum	Wages, Sept. 1-15, 1914.	93 00
27	Nov. 5	O. E. Staples, Bursar	Rebates to students, military suits	48 60
28	Nov. 6	Mary S. Snyder	Interest on Edward Snyder Fund for the six months ending Oct. 1, 1914.	300 00
29	Nov. 10	O. E. Staples, Bursar	Rebates to students, military suits	113 40
30	Nov. 13	E. R. Schulz	Loan from McKinley Fund	100 00
31	..do..	Oliver S. Imes	..do.	250 00
32	Nov. 14	O. E. Staples, Bursar	Rebates, military suits	145 80
33	Nov. 25	O. E. Staples, Bursar	..do.	32 40
34	Nov. 30	O. E. Staples, Bursar	..do.	64 80
35	..do..	G. E. Stechert & Co.	Books	8 30
36	Dec. 5	O. E. Staples, Bursar	Rebates to students, military suits	81 00
37	Dec. 11	Edward F. Gehrig	Loan from the McKinley Fund.	150 00
38	..do..	Earl B. Stout	Loan from the Edward Snyder Fund.	150 00
39	Dec. 15	L. E. Knorr, Assistant Comptroller	Rebates, military suits	16 20
40	Dec. 16	J. M. Lindgren	Salary	125 00
41	..do..	Fred W. Whittum	..do.	100 00
42	Dec. 17	Pearl A. M. Bernhardt	Loan from the Woman's League Fund.	40 00
43	Dec. 22	L. E. Knorr, Assistant Comptroller	Rebates, military suits	62 55
44	Dec. 23	Jacob Reed's Sons, Inc.	Military suits	12,539 30
45	..do..	George R. Larue	Refund of deposit to cover 100 copies of thesis in library	50 00
46	Dec. 28	L. E. Knorr, Assistant Comptroller	Rebates.	27 10
	1915			
47	Jan. 8	L. E. Knorr, Assistant Comptroller	Rebates, military suits	81 50
48	Jan. 12	L. E. Knorr, Assistant Comptroller	..do.	26 60
49	Jan. 15	J. M. Lindgren	Account of Professor Parr	4 98
50	Jan. 16	J. M. Lindgren	Salary	25 00
51	..do..	F. H. Whittum	..do.	25 00
52	Jan. 18	Jacob Reed's Sons, Inc.	Military suits	16 20
53	..do..	L. E. Knorr, Assistant Comptroller	Rebates.	8 90
54	Jan. 25	L. E. Knorr, Assistant Comptroller	Rebate, military suit	16 20
55	Jan. 29	E. G. Finn (Cancelled Apr. 3, 1915)	Loan from McKinley Fund.	75 00
56	..do..	Lawrence E. Thorne	..do.	50 00
57	..do..	Raymond D. Stitt	Loan from Snyder Fund.	100 00
58	..do..	Eugene C. Hammill	..do.	100 00
59	..do..	Israel Levi	Books.	95 55
60	Feb. 2	Fred H. Whittum	Salary as Assistant Chemist to complete month of October, 1914	25 00
61	Feb. 4	L. E. Knorr, Assistant Comptroller	Rebates, military suits	42 80
62	Feb. 9	L. E. Knorr, Assistant Comptroller	Rebates.	16 70
63	Feb. 17	L. E. Knorr, Assistant Comptroller	..do.	34 65

## TRUSTS FUND WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
1915				
64	Feb. 24	L. E. Knorr, Assistant Comptroller.	Rebates to students.	\$ 11 00
65	Mar. 4	L. E. Knorr, Assistant Comptroller.	Rebates.	16 20
66	..do..	L. G. McAfee.	Loan from Edward Snyder Loan Fund.	100 00
67	Mar. 6	J. M. Lindgren.	Salary from Sept. 20, 1914, to Mar. 1, 1915.	775 50
68	..do..	F. H. Whittum.	Salary from Nov. 1, 1914, to Mar. 1, 1915.	441 50
69	..do..	W. K. Porter.	Assisting in laboratory.	55 30
70	..do..	A. E. Williams.	Scientific work.	6 00
71	Mar. 9	John E. Stark.	Loan from the W. B. McKinley Loan Fund.	225 00
72	..do..	Clarence L. Porter.	Assisting in Chemical Laboratory	44 75
73	Mar. 10	Mrs. Mary S. Snyder.	Interest on Snyder Loan Fund to Apr. 1, 1915.	300 00
74	Mar. 17	S. W. Parr.	Refund.	3 50
75	Mar. 24	The Standard Calorimeter Co.	Oxygen bombs, etc.	88 23
76	Mar. 30	W. K. Porter.	Assisting in Fuel Laboratory March, 1915.	35 70
77	Apr. 1	J. M. Lindgren.	Chemical analysis.	168 00
78	..do..	F. H. Whittum.	..do..	117 50
79	..do..	Clarence L. Porter.	Assisting in Laboratory March, 1915.	17 75
80	Apr. 3	Milton D. Jones.	Loan from Margaret Lange James Loan Fund.	175 00
81	..do..	Kenneth Buchanan.	Loan from the Edward Snyder Loan Fund.	100 00
82	Apr. 5	Hugh Grigsby.	Loan from Margaret Lange James Loan Fund.	100 00
83	..do..	Lucretia Cressey.	..do..	150 00
84	..do..	Hubert Jessen.	..do..	50 00
85	..do..	Edwin G. Taylor.	Loan from the Edward Snyder Loan Fund.	75 00
86	..do..	Herbert R. Behr.	..do..	125 00
87	Apr. 6	Clarence E. Sims.	Loan from the Margaret Lange James Loan Fund.	100 00
88	..do..	Macdonald C. Booze.	..do..	75 00
89	..do..	Alden K. Fogg.	..do..	200 00
90	..do..	Edmund Cieslik.	..do..	100 00
91	Apr. 9	L. E. Knorr, Acting Comptroller.	Rebates to students.	81 72
92	..do..	Raymond DeV. Stitt.	Loan from Margaret Lange James Loan Fund.	50 00
93	..do..	Frank E. Walser.	..do..	100 00
94	..do..	Edna Barringer.	..do..	110 00
95	..do..	Harry B. Rogers.	..do..	200 00
96	..do..	Garabet Koryoumjan.	..do..	70 00
97	..do..	Geo. H. Foster.	..do..	50 00
98	Apr. 23	The Standard Calorimeter Co.	Oxygen capsules.	10 86
99	Apr. 24	Geo. H. Lindsey.	Loan from the Margaret Lange James Loan Fund.	150 00
100	..do..	Arthur T. Semple.	..do..	75 00
101	..do..	Russell D. Barnes.	..do..	50 00
102	Apr. 26	Roy A. Goff.	Loan from the William B. McKinley Loan Fund.	50 00
103	Apr. 30	Maynard E. Slater.	Loan from the Margaret Lange James Loan Fund.	75 00
104	May 1	Ernest W. Cobb.	Loan from the Edward Snyder Loan Fund.	50 00
105	..do..	Harold L. Cummings.	..do..	100 00
106	..do..	William N. Leonard.	Loan from the William B. McKinley Loan Fund.	200 00
107	..do..	J. M. Lindgren.	Salary, April, 1915.	168 00
108	..do..	F. H. Whittum.	..do..	119 50
109	..do..	W. K. Porter.	..do..	36 75
110	..do..	Sidney M. Hull.	..do..	15 75
111	May 4	Buford M. Stubblefield.	Loan from the Margaret Lange James Loan Fund.	150 00
112	..do..	Wilham T. Reace.	..do..	50 00
113	..do..	Maurice C. Johnson.	..do..	50 00
114	..do..	Olen R. Clements.	..do..	75 00
115	..do..	Paul O. Kissig.	Loan from the William B. McKinley Loan Fund.	25 00
116	..do..	John Breedis.	Loan from the Edward Snyder Loan Fund.	150 00
117	..do..	L. E. Knorr, Assistant Comptroller.	Payments to students for refunds on military suits.	99 30
118	..do..	Clarence L. Porter.	Wages, April, 1915.	27 00
119	May 17	L. E. Knorr, Assistant Comptroller.	Key deposit refunds.	5 00



## TRUSTS FUND WARRANTS—Concluded.

No.	Date.	To whom.	For what.	Amount.
120	May 19	Mary M. Higgins.....	Loan from the Margaret Lange James Loan Fund.....	\$ 60 00
121	..do....	Joseph F. Brandon.....	..do.....	60 00
122	..do....	Newton A. Wright.....	..do.....	125 00
123	May 24	Francis M. VanNatter.....	Loan from the W. B. McKinley Loan Fund.....	50 00
124	..do....	Pearl A. M. Bernhardt.....	Loan from the Margaret Lange James Loan Fund.....	50 00
125	June 1	Thos. L. Ruth.....	Loan from the W. B. McKinley Loan Fund.....	75 00
126	..do....	J. M. Lindgren.....	Salary, May, 1915.....	150 00
127	..do....	F. H. Whittum.....	..do.....	100 00
128	..do....	W. K. Porter.....	..do.....	37 10
129	..do....	Clarence Porter.....	..do.....	11 50
130	June 5	L. E. Knorr, Assistant Comptroller.....	Refunds on account of key deposit	1 50
131	..do....	The Standard Calorimeter Co.....	Remodeling Calorimeter bucket..	25 21
132	June 7	George Huff, Director Physical Training, Men.....	Refunds to students account of deposits made for towels and trunks.....	300 00
133	June 8	Leon D. Tilton.....	Loan from the Margaret Lange James Loan Fund.....	200 00
134	..do....	Hubert A. Cadle.....	Loan from the William B. McKinley Loan Fund.....	35 00
135	June 14	Frank E. Walser.....	Loan from the Margaret Lange James Loan Fund.....	20 00
136	..do....	Clarence E. Sims.....	..do.....	50 00
137	June 16	Otto A. Krueger.....	Llewellyn Prize Fund.....	20 00
138	..do....	Stewart T. Smith.....	..do.....	20 00
139	..do....	Leslie A. Kibble.....	..do.....	10 00
140	..do....	L. E. Knorr, Assistant Comptroller.....	Rebates for key deposits.....	12 00
141	June 19	Isaak Siegel.....	First prize for upperclassmen in B'nai B'rith Comp.....	25 00
142	..do....	Anita Libman.....	Freshman prize in B'nai B'rith Comp.....	15 00
143	..do....	W. K. Porter.....	Assisting J. M. Lindgren.....	7 00
144	June 21	Geo. Huff, Director Physical Training, Men.....	Refunds to students account of deposits made for towels and trunks.....	250 00
145	..do....	L. E. Knorr, Assistant Comptroller.....	Rebates, key deposits and sundries.....	8 25
146	June 22	Ray I. Shawl.....	Loan from the Margaret Lange James Loan Fund.....	100 00
147	June 23	Alfred H. Blackall.....	Loan from the William B. McKinley Loan Fund.....	50 00
148	..do....	Gertrude Jaeck.....	Refund of thesis deposit made in 1912.....	50 00
149	June 28	F. H. Whittum.....	Salary as Assistant Chemist, June, 1915.....	100 00
150	June 30	L. E. Knorr, Assistant Comptroller.....	Rebates on account of key deposits	5 00
151	..do....	The Willis Music Co.....	Music, McDowell Memorial Fund	4 57

**B. Vouchers Certified to the Auditor of Public Accounts.****I. BUILDINGS, LAND, AND EQUIPMENT VOUCHERS.**

No.	Date.	To whom.	For what.	Amount.
1914				
C 1	July 3	Paul Gottschalk	Books	\$ 1,731 28
C 2	do.	A. C. McClurg & Co.	do.	109 97
C 3	do.	C. V. Ritter	do.	93 50
C 4	do.	The Boston Book Co.	do.	319 18
C 5	do.	The Arthur H. Clark Co.	do.	30 60
C 6	do.	Statute Law Book Co.	do.	102 25
C 7	do.	American Academy of Arts & Science	do.	127 50
C 8	do.	Myrtle Kaiser	do.	1 00
C 9	do.	Baker Voorhis Co.	do.	298 84
C 10	do.	Morava Construction Co.	Contract	1,803 32
C 11	do.	Geo. E. Frazer, Comptroller	City lots	10,000 00
C 12	do.	J. A. Burlingame & Co.	Books	33 25
C 13	do.	The Western Electric Co.	Office equipment	45 24
C 14	do.	Remington Typewriter Co.	do.	35 00
C 15	do.	William J. Gerhard	Books	3 14
C 16	do.	Louis N. Wilson	do.	5 00
C 17	do.	A. W. Stoolman	Contract	6,500 00
C 18	do.	G. E. Stechert & Co.	Books	2,004 86
C 19	do.	The Pilgrim Press	do.	53 61
C 20	July 7	George E. Frazer	Contract	1,471 16
C 21	do.	George E. Frazer	do.	1,769 60
C 22	do.	George E. Frazer	do.	4,259 24
C 23	July 8	Twin City Roofing Co.	Building material	17 20
C 24	do.	D. H. Lloyd	General supplies	28 08
C 25	do.	The Holtzer-Cabot Electric Co.	Laboratory apparatus	106 64
C 26	do.	The Burr Co.	do.	40 00
C 27	do.	University of Illinois Supply Store	General supplies	60 30
C 28	do.	Remington Typewriter	Typewriter	218 00
C 29	July 9	Western Electrical Instrument Co.	General supplies	629 00
C 30	July 10	D. H. Lloyd	Office supplies	43 76
C 31	do.	Remington Typewriter Co.	Office equipment	20 00
C 32	do.	Urbana Courier Co.	Incidentals	8 70
C 33	July 13	Kettle River Co.	Contract	2,392 75
C 34	do.	Freeman & Brooks	do.	5,436 63
C 35	July 14	Champaign News	Incidentals	9 30
C 36	do.	L. C. Smith & Bros.	Office equipment	58 00
C 37	do.	P. G. Burt	Traveling expenses	16 97
C 38	do.	Western Electric Co.	Building material	259 51
C 39	July 16	Peck & Hills Furniture Co.	Office desk	37 24
C 40	July 17	American Drafting Furniture Co.	Furniture and fixtures	17 64
C 41	do.	The Ludlow Valve Mfg. Co.	Piping	112 80
C 42	July 20	Illinois State Register	Incidental	31 18
C 43	do.	David Luton's Sons Co.	Contract	34 00
C 44	July 22	Westinghouse Electric & Mfg. Co.	Laboratory apparatus	25 37
C 45	do.	Peck & Hills Furniture Co.	Furniture and fixtures	22 05
C 46	do.	Underwood Typewriter Co.	Typewriter	92 75
C 47	do.	American LaFrance Fire Engine Co.	Apparatus	232 25
C 48	do.	American Drafting Furniture Co.	Furniture and fixtures	147 00
C 49	July 23	U. S. Cast Iron Pipe & Foundry Co.	Piping	571 38
C 50	do.	A. Krock & Co.	Journals	207 33
C 51	July 25	C. A. Kiler	Furniture and fixtures	40 95
C 52	July 28	C. A. Kiler	do.	22 50
C 53	July 31	Stipes & Hecker	Building material	632 23
C 54	do.	S. A. Forbes	Furniture and fixtures	126 60
C 55	do.	Alexander Lumber Co.	Lumber	61 00
C 56	do.	Automatic Electric Co.	Electrical supplies	12 50
C 57	do.	W. W. Walls & Co.	Lumber	68 32
C 58	do.	Champaign Gazette	Sealed proposals	16 20
C 59	do.	James B. Clow & Sons	Drinking fountain	195 09
C 60	Aug. 3	Peck & Hills Furniture Co.	Furniture and fixtures	7 13
C 61	do.	M. J. Corboy Co.	Equipment	108 52
C 62	Aug. 4	Casavant Brothers	Payment on contract	5,000 00
C 63	Aug. 6	G. E. Wright	Traveling expenses	7 39
C 64	do.	Reliable Plumbing & Heating Co.	Supplies	8 31
C 65	do.	D. Osborn	Contract	463 25
C 66	do.	The Sneed & Co. Iron Works	do.	2,975 00
C 67	do.	N. H. Shields	do.	5,049 00
C 68	Aug. 7	The Western Electric Co.	Office equipment	15 08
C 69	do.	James G. Biddle	Laboratory supplies	127 10
C 70	Aug. 8	Commercial Bank	City lots	721 00
C 71	Aug. 19	C. A. Kiler	Furniture and fixtures	82 13
C 72	do.	Alfred M. Canely	Labor	12 00
C 73	do.	The American Contractor	Incidentals	25 20
C 74	Aug. 11	The Burr Co.	Building material	125 68

## BUILDINGS, LAND AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
<b>1914</b>				
C 75	Aug. 11	Babcock & Wilcox Co.	Contract.	\$5,060 50
C 76	do.	Sheldon Brick & Building Supply Co.	Building material.	44 00
C 77	Aug. 12	The Western Electric Co.	Office equipment.	15 08
C 78	do.	Peck & Hills Furniture Co.	Furniture and fixtures.	36 01
C 79	do.	V. Mueller & Co.	do.	170 00
C 80	do.	The Construction News Co.	Incidentals.	17 40
C 81	Aug. 13	Alexander Lumber Co.	Lumber.	488 68
C 82	do.	L. C. Smith & Bros. Typewriter Co.	Laboratory apparatus.	90 00
C 83	Aug. 14	General Electric Co.	Electrical material.	1,274 00
C 84	Aug. 17	L. C. Smith & Bros.	Office equipment.	25 00
C 85	do.	Alexander Lumber Co.	Furniture and fixtures.	125 40
C 86	Aug. 18	James B. Dibelka.	Fees.	8,324 85
C 87	Aug. 22	J. F. Auld.	Material and labor for changes in Auditorium.	623 18
C 88	Aug. 25	John B. Bennett.	Repair work.	70 42
C 89	do.	Taylor Hardware Co.	General supplies.	8 25
C 90	do.	S. E. Huff & Co.	Lumber.	49 15
C 91	do.	Underwood Typewriter Co.	Office equipment.	36 75
C 92	do.	Quaker City Machine Co.	Machine repairs.	8 50
C 93	do.	United Confederate Veterans.	Books.	10 56
C 94	do.	Addressograph Co.	Furniture and fixtures.	14 85
C 95	do.	Eugene Dietzgen Co.	do.	157 50
C 96	do.	Ernst Leitz.	Laboratory apparatus.	295 09
C 97	do.	Hunter Rourke & Co.	Lumber.	63 70
C 98	do.	James B. Clow & Sons.	Laboratory apparatus.	108 38
C 99	Aug. 28	Oliver Ditson Co.	Books.	2 93
C 100	do.	Automatic Electric Co.	Office supplies.	82 50
C 101	do.	Green Engineering Co.	Payment on boiler house equipment.	1,448 00
C 102	do.	Peck & Hills Furniture Co.	Furniture and fixtures.	37 04
C 103	do.	The Ludlow Valve Mfg. Co.	Apparatus.	38 56
C 104	do.	Bausch & Lomb Optical Co.	do.	70 65
C 105	do.	E. H. Sargent & Co.	do.	160 00
C 106	do.	Twin City Ice & Cold Storage Co.	Ice book.	8 00
C 107	do.	American Radiator Co.	Furniture and fixtures.	34 94
C 108	do.	D. H. Loyde.	Office supplies.	288 80
C 109	do.	Elmer & Amend.	do.	175 00
C 110	do.	M. R. Hyman Publishing Co.	Books.	2 00
C 111	Aug. 31	Cleveland Press.	do.	6 00
C 112	do.	Remington Typewriter Co.	Typewriter.	72 90
C 113	do.	Marshall Field & Co., Retail.	Shades.	3 90
C 114	do.	F. Blakiston's Son & Co.	Books.	4 50
C 115	do.	Underwood Typewriter Co.	Typewriter.	21 75
C 116	do.	The Arthur H. Thomas Co.	Laboratory apparatus.	20 00
C 117	do.	James B. Clow & Sons.	Pipe.	351 57
C 118	do.	Western Electric Co.	Fans.	27 23
C 119	do.	Library Bureau.	Tray units, etc.	129 55
C 120	do.	General Electric Co.	Transformers, motor.	245 80
C 121	Sept. 3	Carson, Payson Co.	Contract.	7,161 25
C 122	do.	Abbe Engineering Co.	Laboratory apparatus.	144 00
C 123	Sept. 4	N. H. Shields.	Contract.	3,500 00
C 124	do.	Freeman & Brooks.	do.	2,112 67
C 125	do.	The Adder Machine Co.	Office equipment.	309 19
C 126	do.	Favor, Ruhl & Co.	Furniture and fixtures.	57 75
C 127	do.	The Burr Co.	Building material.	7 73
C 128	do.	Central Supply Co.	General supplies.	444 30
C 129	Sept. 5	Monarch Electric & Wire Co.	Building material.	26 32
C 130	do.	Underwood Typewriter Co.	Office equipment.	71 75
C 131	do.	David Lupton's Sons Co.	Building material.	31 00
C 132	do.	Stipes & Pilcher.	General labor.	6 75
C 133	do.	Federal Steel Fixtures Co.	Furniture and fixtures.	75 00
C 134	do.	The Hoppes Mfg. Co.	Water meter.	345 00
C 135	Sept. 9	General Electric Co.	Equipment.	46 00
C 136	do.	Nollau & Wolff Mfg. Co.	do.	815 00
C 137	do.	Freeman & Brooks.	Contract.	3,737 96
C 138	do.	C., C., C. & St. L. Ry. Co.	Freight.	123 96
C 139	do.	Illinois Traction System.	do.	51 84
C 140	Sept. 12	Chicago Retort & Fire Brick Co.	Machinery.	434 45
C 141	do.	S. E. Huff & Co.	Lumber.	531 00
C 142	do.	Imperial Publishing Co.	Books.	66 50
C 143	do.	Peck & Hills Furniture Co.	Furniture and fixtures.	9 63
C 144	do.	Foley Greenhouse Mfg. Co.	Contract.	2,000 00
C 145	do.	L. C. Smith & Bros.	Office equipment.	18 00
C 146	do.	Central Supply Co.	Building material.	757 02
C 147	do.	Stannard Power Equipment Co.	do.	936 47
C 148	do.	The Harrison Co.	Books.	7 50
C 149	do.	The W. H. Anderson Co.	do.	4 00
C 150	do.	Soney & Sage.	do.	5 00

## BUILDINGS, LAND AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
<b>1914</b>				
C 151	Sept. 12	Williamson Law Book Co.	Books	\$ 4 00
C 152	do.	The Smith Brooks Printing Co.	do.	8 50
C 153	do.	The City of Winnipeg.	do.	3 00
C 154	do.	West Publishing Co.	do.	6 00
C 155	do.	The Bobbs-Merrill Co.	do.	8 50
C 156	Sept. 16	Freeman-Sweet Co.	Equipment	247 29
C 157	do.	H. Muller Mfg. Co.	do.	59 40
C 158	do.	S. S. White Dental Mfg. Co.	do.	357 00
C 159	do.	Chicago Pump Co.	do.	245 00
C 160	do.	New Jersey School-Church Furniture Co.	Furniture and fixtures	21 60
C 161	do.	Peck & Hills Furniture Co.	do.	24 58
C 162	do.	Central Supply Co.	Pipes	453 86
C 163	do.	Western Electric Instrument Co.	Laboratory apparatus	110 93
C 164	do.	International Instrument Co.	do.	82 75
C 165	Sept. 18	Stipes & Hecker	Building material	1,408 41
C 166	do.	The Northwestern Terra Cotta Co.	General supplies	49 21
C 167	do.	H. W. Johns-Manville Co.	Building material	1,064 75
C 168	do.	Perceival & Moorehead	Furniture and fixtures	46 00
C 169	do.	D. H. Burrell & Co.	Laboratory apparatus	65 03
C 170	do.	The American Multigraph Sales Co.	Office equipment	117 60
C 171	do.	F. P. Smith Wire & Iron Works	Building material	19 00
C 172	Sept. 22	H. W. Caldwell & Son	Machinery	275 00
C 173	do.	James G. Bidle	Laboratory apparatus	283 50
C 174	do.	University of Illinois Supply Store	Furniture and fixtures	30 83
C 175	Sept. 23	Köhler Brothers	Installing meters	318 00
C 176	do.	Victor E. Shelford	Traveling expenses	6 27
C 177	do.	Fairbanks, Morse & Co.	Equipment	42 00
C 178	do.	Thompson & Jameson	Contract	1,435 00
C 179	do.	Albert B. Gray	Paving	1,334 72
C 180	do.	Illinois Central R. R. Co.	Freight	60 60
C 181	Sept. 25	G. E. Stechert & Co.	Books	227 19
C 182	do.	A. C. McClurg & Co.	do.	110 02
C 183	do.	Boston Book Co.	do.	51 33
C 184	do.	General Electric Co.	Electrical supplies	473 84
C 185	do.	L. C. Smith & Bros.	Office equipment	70 00
C 186	do.	The Trus-Con Laboratory	Building material	20 60
C 187	do.	The Babcock & Wilcox Co.	Machinery	862 00
C 188	do.	The Burr Co.	Building material	49 50
C 189	do.	Forest Press	Books	12 00
C 190	do.	R. R. Bowker Co.	do.	5 22
C 191	do.	Rees Welsh & Co.	do.	7 87
C 192	do.	Standard Book Co.	do.	10 45
C 193	do.	C. W. Ritter	do.	15 00
C 194	do.	Bell Book & Stationery Co.	do.	5 02
C 195	do.	Lowman & Hanford Co.	do.	6 40
C 196	do.	New York Botanical Garden	do.	1 50
C 197	do.	The Wistar Institute	do.	2 00
C 198	do.	Henry Graves Noel	do.	2 50
C 199	do.	The Biologipole	do.	2 00
C 200	do.	Central Supply Co.	Plumbing material	917 79
C 201	do.	Twin City Roofing Co.	do.	430 80
C 202	do.	Kieley Specialty Co.	Steam repairs	60 52
C 203	Sept. 28	Decatur Bridge Co.	Building material	255 42
C 204	do.	Link Belt Co.	Contract	2,564 50
C 205	do.	Peck & Hill's Furniture Co.	Furniture and fixtures	2 80
C 206	do.	Hudson Book Co.	Books	12 50
C 207	do.	The John Clark Co.	do.	85 00
C 208	do.	Arthur P. Schmidt	do.	1 24
C 209	do.	The Bostonian Society	do.	8 00
C 210	do.	M. Curlender	do.	6 00
C 211	do.	The Traveling Engineers' Assn.	do.	15 75
C 212	do.	L. C. Smith & Bros.	Office equipment	70 00
C 213	do.	Electric Appliance Co.	Laboratory apparatus	21 60
C 214	do.	A. C. McClurg & Co.	Books	4 50
C 215	do.	The Boston Book Co.	do.	22 85
C 216	Sept. 29	National X Ray Reflector Co.	Building material	39 10
C 217	do.	Illinois Engineering Co.	do.	797 00
C 218	do.	Monarch Electric & Wire Co.	do.	407 93
C 219	do.	General Electric Co.	Machinery	128 33
C 220	Sept. 29	A. C. McClurg & Co.	Books	2 62
C 221	do.	Peck & Hills Furniture Co.	Furniture and fixtures	34 50
C 222	do.	G. E. Stechert & Co.	Books	882 43
C 223	do.	Green Engineering Co.	Machinery	7 85
C 224	Sept. 30	Marshall Field Co.	Furniture and fixtures	125 70
C 225	do.	Royal A. Stipes	Building material	619 41
C 226	do.	Peck & Hills Furniture Co.	Furniture and fixtures	46 30
C 227	do.	Hamblin Plumbing Co.	Plumbing supplies	305 00
C 228	do.	Universal Floor Co.	Building repairs	203 00

## BUILDINGS, LAND AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
1914				
C 229	Sept. 30	Chicago Medical Book Co.	Books	\$ 99 10
C 230	do.	American Radiator Co.	Building material	69 89
C 231	do.	H. W. Johns-Manville Co.	do.	1,762 28
C 232	do.	Jno. B. Bennett	Mason work	214 20
C 233	do.	Central Supply Co.	Supplies	149 50
C 234	do.	David Lupton's Sons Co.	Building apparatus	422 00
C 235	do.	Crane Co.	Supplies	73 37
C 236	Oct. 3	Lemcke & Buechner	Books	23 58
C 237	do.	G. E. Stechert & Co.	do.	48 45
C 238	do.	The Carswell Co.	do.	11 25
C 239	do.	Canada Law Book Co.	do.	14 00
C 240	do.	C. E. Rogers	Laboratory apparatus	1,810 00
C 241	Oct. 5	Peck & Hills Furniture Co.	Furniture and fixtures	188 29
C 242	do.	Underwood Typewriter Co.	Office equipment	49 75
C 243	do.	The Lawyers Co-Operative Publishing Co.	Books	19 50
C 244	do.	T. H. Flood & Co.	do.	706 02
C 245	do.	The Boston Book Co.	do.	5 00
C 246	do.	The Wels Mfg. Co.	Furniture and fixtures	28 00
C 247	do.	Wagner Water Still Co.	Laboratory apparatus	48 00
C 248	do.	Henry R. Worthington	Machinery	536 93
C 249	do.	L. C. Smith & Bros.	Office equipment	40 00
C 250	do.	Theodor Kundtz	Laboratory apparatus	45 00
C 251	do.	Hoskins Mfg. Co.	Machinery	86 00
C 252	do.	The Citator Publishing Co.	Books	17 00
C 253	Oct. 7	Foley Greenhouse Mfg. Co.	Contract	3,000 00
C 254	do.	Sneed & Co. Iron Works	do.	2,125 00
C 255	do.	Babcock & Wilcox Co.	do.	3,930 50
C 256	do.	W. H. Pearce & Co.	do.	7,400 00
C 257	do.	Jno. B. Bennett	Building material	435 39
C 258	do.	Automatic Electric Co.	Electrical supplies	52 50
C 259	Oct. 9	R. C. Wagner & Son	Contract	862 70
C 260	do.	Remington Typewriter Co.	Office supplies	40 00
C 261	do.	Central Supply Co.	General supplies	818 78
C 262	do.	The New York Blower Co.	Machinery	170 00
C 263	do.	Jones & Laughlin Steel Co.	General supplies	202 12
C 264	do.	L. C. Smith & Bros.	Office supplies	70 00
C 265	do.	Underwood Typewriter Co.	do.	28 00
C 266	do.	Peck & Hills Furniture Co.	Furniture and fixtures	20 58
C 267	do.	English Bros.	Contract	2,826 52
C 268	do.	A. W. Stoolman	do.	2,350 00
C 269	Oct. 13	N. H. Shields	Payment on contract	2,000 00
C 270	Oct. 14	The Decorators Supply Co.	Contracts	1,060 00
C 271	do.	H. W. Johns-Manville Co.	Building material	280 00
C 272	do.	J. W. Dunlap	Machinery contract	947 00
C 273	do.	Freeman & Brooks	Payment on contract	2,190 58
C 274	do.	D. Osborn	do.	1,025 05
C 275	do.	Carson-Payson Co.	do.	1,000 00
C 276	do.	Davis & Kreeger	Painting contract	848 00
C 277	do.	Alexander Lumber Co.	Lumber, etc.	635 16
C 278	do.	Chicago Medical Book Co.	Books	84 03
C 279	do.	Peck & Hills Furniture Co.	Chairs, desks	105 22
C 280	do.	Bausch & Lomb Optical Co.	Laboratory apparatus	414 20
C 281	do.	The Inner Braced Furniture Co.	Chair	3 60
C 282	do.	Eimer & Amend	Laboratory apparatus	108 80
C 283	do.	The Leeds & Northrup Co.	do.	145 30
C 284	do.	Denver Fire Clay Co.	do.	100 00
C 285	do.	Eimer & Amend	Electric incubator	87 50
C 286	do.	Theodor Kundtz	Pedestals	54 00
C 287	do.	Hamblin Plumbing Co.	Med. repairs	258 00
C 288	do.	Stipes & Hecker	Lime stone	90 70
C 289	do.	Alexander Lumber Co.	Lumber	305 55
C 290	Oct. 19	Peck & Hills Furniture Co.	Office table	25 48
C 291	do.	Bausch & Lomb Optical Co.	Balopticon	31 50
C 292	do.	James B. Dibelka	Plans	29 57
C 293	do.	Pay roll	October, 1914	863 33
		Showers, T. J.	Salary	\$125 00
		Oberdorfer, H. D.	do.	208 33
		Towne, L. J.	do.	175 00
		Havens, C. H.	do.	120 00
		Murphy, H.	do.	110 00
		Wright, G. E.	do.	125 00
C 294	Oct. 19	Pay roll	October, 1914	666 66
		Rice, G. B.	Salary	250 00
		White, J. M.	do.	416 66
C 295	Oct. 20	L. C. Smith & Bros. Typewriting Co.	Office equipment	40 00
C 296	do.	Peck & Hills Furniture Co.	Furniture	43 95
C 297	Oct. 21	S. E. Huff & Co.	General supplies	615 20
C 298	do.	Decorators Supply Co.	do.	37 00

## BUILDINGS, LAND AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
1914				
C 299	Oct. 21	Freeman-Sweet Co.	General supplies	\$ 685 00
C 300	do.	C. H. Stoelting Co.	Apparatus	56 10
C 301	do.	A. Koch & Co.	Books	70 48
C 302	do.	Chicago Medical Book Co.	do.	24 62
C 303	do.	Automatic Electric Co.	General supplies	12 50
C 304	do.	C. H. Brownell	do.	622 95
C 305	do.	Freeman-Sweet Co.	Dental repairs	436 77
C 306	do.	Richard W. Jefferis Co.	Dental prosthetic	59 10
C 307	do.	C. L. Frame Dental Supply Co.	Dept. equipment	94 00
C 308	Oct. 24	Peck & Hills Furniture Co.	Furniture and fixtures	42 53
C 309	do.	Leonard Peterson & Co., Inc.	do.	488 50
C 310	do.	Peck & Hills Furniture Co.	do.	51 22
C 311	do.	Eugene Dietzgen Co.	do.	8 25
C 312	do.	Green Engineering Co.	Heating and lighting	1,300 00
C 313	do.	Enterprise Iron Works	General supplies	179 00
C 314	do.	The Burr Co.	do.	173 69
C 315	do.	Bausch & Lomb Optical Co.	Laboratory apparatus	18 75
C 316	do.	The Inner Braced Furniture Co.	Furniture and fixtures	17 64
C 317	do.	The Engineering Agency	do.	25 00
C 318	do.	Gustave A. Brand & Co.	Contract	1,539 00
C 319	do.	Leonard Patterson & Co.	Laboratory apparatus	165 00
C 320	do.	Sturtevant Mill Co.	do.	275 00
C 321	Oct. 27	General Electric Co.	Electrical supplies	537 72
C 322	do.	J. W. Dunlap	Labor and material	29 95
C 323	do.	Kieley Specialty Co.	Steam traps	60 00
C 324	do.	W. R. Price	Labor apparatus	32 72
C 325	do.	Peck & Hills Furniture Co.	Bookcase	9 16
C 326	do.	National Metal Molding Co.	Flex steel	922 13
C 327	Oct. 29	American Radiator Co.	Steam vent	140 61
C 328	do.	Buffalo Scale Co.	Track scale	750 80
C 329	do.	New York Botanical Garden	Books	1 50
C 330	do.	Soney & Sage	do.	1 00
C 331	do.	American Pomological Society	Laboratory apparatus	4 00
C 332	do.	Willis Music Co.	Books	1 14
C 333	do.	W. H. Corsa	do.	45 00
C 334	do.	The American Society of Mechanical Engineers	do.	6 00
C 335	do.	M. M. Smith	do.	12 50
C 336	do.	Joseph McDonough Co.	do.	2 00
C 337	do.	National Council for Industrial Safety	do.	1 50
C 338	do.	Southern Sociological Congress	do.	5 00
C 339	do.	H. W. Wilson Co.	do.	4 00
C 340	do.	The Arthur H. Clark Co.	do.	3 32
C 341	do.	Conference for Education in the South	Journals	4 00
C 342	do.	American Society of Sanitary Engineering	do.	10 00
C 343	do.	Goodspeed's Book Shop	Books	4 00
C 344	do.	Royal A. Stipes	Sand	60 00
C 345	do.	Jacob White	Labor and material	135 00
C 346	do.	John B. Bennett	do.	366 68
C 347	do.	Link Belt Co.	Contract	2,000 00
C 348	do.	Narrangansett Machine Co.	Lockers	346 65
C 349	do.	Chivers Book Binding Co.	Books	142 75
C 350	do.	C. A. Kiler	Filing case	51 85
C 351	do.	The Boston Book Co.	Books	5 14
C 352	do.	G. E. Stechert & Co.	do.	448 34
C 353	do.	A. C. McClurg & Co.	do.	360 53
C 354	Oct. 30	John Bennett	Drain tile	207 15
C 355	do.	The Burr Co.	General supplies	543 91
C 356	do.	Underwood Typewriter Co.	Typewriter	71 75
C 357	do.	Rand McNally & Co.	Map case	63 90
C 358	do.	Casavant Brothers	Contract	5,000 00
C 359	do.	Jas. H. Rice Co.	Building material	236 75
C 360	do.	Peck & Hills Furniture Co.	Office chairs	8 35
C 361	do.	C. A. Kiler	Desk and chair	22 95
C 362	Oct. 31	Scheidel Western X Ray Coil Co.	Laboratory apparatus	255 00
C 363	do.	Freeman Sweet Co.	Labor and material	220 35
C 364	do.	Peck & Hills Furniture Co.	Desk chair	4 50
C 365	Nov. 3	The Boston Book Co.	Books	5 00
C 366	do.	A. C. McClurg & Co.	do.	8 49
C 367	do.	The Lawyers Co-Operative Publishing Co.	do.	2 50
C 368	do.	Dodd, Mead & Co.	do.	90 00
C 369	do.	G. E. Stechert & Co.	do.	24 89
C 370	do.	T. H. Flood & Co.	do.	144 59
C 371	do.	Callaghan & Co.	do.	9 00
C 372	do.	The Carswell Co.	do.	10 00
C 373	Nov. 5	Decorators Supply Co.	Contract	42 00
C 374	do.	Willis Music Co.	Books	96 25
C 375	do.	Remington Typewriter Co.	Office equipment	50 00

## BUILDINGS, LAND AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
<b>1914</b>				
C 376	Nov. 5	J. W. Dunlap	Contract	\$ 47 55
C 377	..do...	Ralph Vose	Voltmeter	40 00
C 378	..do...	The Burr Co.	Contract	318 00
C 379	..do...	Library Bureau	Office equipment	60 00
C 380	..do...	Marshall Field & Co.	Chair	29 50
C 381	..do...	Electric Appliance Co.	Motor	19 80
C 382	..do...	D. H. Lloyd	Case and file	24 56
C 383	..do...	Peck & Hills Furniture Co.	Desk	42 14
C 384	..do...	Weston Electrical Instrument Co.	Electrical supplies	134 30
C 385	..do...	Elmer & Amend	Thermostat	207 00
C 386	..do...	Jas. H. Rice Co.	Building material	121 94
C 387	Nov. 7	Peck & Hills Furniture Co.	Six chairs	5 15
C 388	..do...	A. W. Stoolman	Contract	2,000 00
C 389	..do...	Freeman & Brooks	..do	1,240 90
C 390	..do...	The Leeds & Northrup Co.	Coil box 4-dial	167 40
C 391	..do...	The A. H. Andrews Co.	Oak desk	35 00
C 392	..do...	The Burr Co.	Stiffener angles	55 00
C 393	..do...	Federal Sign System Electric	Electrical supplies	22 49
C 394	..do...	Sheldon Brick & Building Supply Co.	Brick	23 00
C 395	..do...	Manhattan Electric Supply Co.	Electrical supplies	297 75
C 396	Nov. 10	Peck & Hill's Furniture Co.	Screen	10 00
C 397	..do...	Rand McNally & Co.	Maps	56 20
C 398	..do...	Durand Steel Locker Co.	Lockers	36 00
C 399	..do...	Leavitt Mfg. Co.	Steel rods	1 25
C 400	..do...	Fitted Steel Sash Co.	Building material	6 12
C 401	..do...	W. K. Moorehead	Books	3 00
C 402	..do...	The Bonmot Co.	Grinding mill	85 00
C 403	..do...	Library Bureau	Desks	90 00
C 404	..do...	General Electric Co.	Electrical supplies	216 81
C 405	..do...	Royal A. Stipes	Building material	525 00
C 406	..do...	James H. Rice Co.	..do	179 06
C 407	..do...	University of Illinois Supply Store	Filing case	15 84
C 408	..do...	Bausch & Lomb Optical Co.	Supplies	144 35
C 409	Nov. 12	Leavitt Mfg. Co.	General supplies	40 00
C 410	..do...	University of Illinois Supply Store	Building material	2 75
C 411	..do...	The Toledo Metal Furniture Co.	Typewriter cabinet	20 00
C 412	..do...	Pyrene Co. of Illinois	Extinguishers	49 00
C 413	..do...	The Burr Co.	Machinery	1,649 70
C 414	..do...	Buffalo Scale Co.	Extension lever	13 75
C 415	..do...	Crane Co.	General supplies	156 02
C 416	..do...	David Lupton's Sons Co.	Skylight	765 00
C 417	..do...	Peck & Hills Furniture Co.	Stools	57 04
C 418	..do...	Alberene Stone Co.	Stone tanks	238 50
C 419	Nov. 13	Pay roll	November, 1914	666 66
		Rice, G. B.	Salary	\$250 00
		White, J. M.	..do	416 66
C 420	..do...	Pay roll	November, 1914	863 33
		Havens, C. H.	Salary	\$120 00
		Murphy, M.	..do	110 00
		Oberdorfer, H. D.	..do	208 33
		Showers, T. J.	..do	125 00
		Towne, L. J.	..do	175 00
		Wright, G. E.	..do	125 00
C 421	Nov. 17	Automatic Electric Co.	Desk set	95 00
C 422	..do...	Hunter Rourke & Co.	Lumber	611 07
C 423	..do...	Alexander Lumber Co.	..do	411 75
C 424	..do...	George N. Hiskey	Books	63 66
C 425	..do...	The Burr Co.	Contract	1,388 97
C 426	..do...	General Electric Co.	Laboratory apparatus	440 00
C 427	..do...	Freeman & Brooks	Contract	6,209 06
C 428	..do...	English Brothers	..do	6,818 18
C 429	..do...	S. E. Huff & Co.	Lumber	70 20
C 430	..do...	The Kettle River Co.	..do	63 86
C 431	..do...	Pyrene Co. of Illinois	Pyrene Extinguishers	21 00
C 432	..do...	Shapleigh Hardware Co.	Scale	9 50
C 433	..do...	Julius Seidel Lumber Co.	Lumber	294 42
C 434	..do...	Jas. Harp	Labor	58 35
C 435	..do...	Weil Bros.	General supplies	91 08
C 436	..do...	American LaFrance Fire Engine Co.	Babcock extinguishers	72 00
C 437	..do...	James B. Clow & Sons	General supplies	26 75
C 438	..do...	V. Mueller & Co.	Thermostat	87 50
C 439	..do...	Fairbanks, Morse & Co.	Scale	14 45
C 440	..do...	General Fireproofing Co.	Yale locks	77 35
C 441	Nov. 17	General Electric Co.	Electrical supplies	46 75
C 442	..do...	Stipes & Hecker	Cement	184 20
C 443	..do...	Cement Gun Construction Co.	Gumite	2,202 00
C 444	..do...	C. A. Kiler	Filing case	38 48
C 445	..do...	The Thompson Electric Co.	Electrical supplies	154 35

## BUILDINGS, LAND AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
1914				
C 446	Nov. 17	Peck & Hills Furniture Co.	Desk	\$ 9 80
C 447	do.	Foley Greenhouse Mfg. Co.	Contract	1,000 00
C 448	do.	Cooper Hewitt Electric Co.	Lamp outfit	70 20
C 449	do.	The Standard Calorimeter Co.	General supplies	148 95
C 450	do.	University of Illinois Supply Store	Filing section	58 05
C 451	do.	Westinghouse Electric & Mfg. Co.	Transformers	32 00
C 452	do.	Hoskins Mfg. Co.	Pyrometer	47 50
C 453	do.	H. W. Johns-Manville Co.	General supplies	1,741 39
C 454	Nov. 19	Peck & Hills Furniture Co.	Wardrobe	11 27
C 455	do.	The Western Electric Co.	Lamps	200 39
C 456	do.	Automatic Electric Co.	Electrical supplies	164 17
C 457	Nov. 20	W. W. Walls & Co.	Lumber	309 86
C 458	do.	Wm. Gaertner & Co.	Guiding piece	63 00
C 459	do.	Chas. Mollet	Boilers and tanks	33 75
C 460	do.	United States Cast Iron Pipe & Foundry Co.	Material building	336 38
C 461	do.	Alexander Lumber Co.	Lumber	143 19
C 462	do.	J. W. Dunlap	Brick work	101 70
C 463	do.	Automatic Electric Co.	Electrical supplies	12 50
C 464	do.	Jno. B. Bennett	General supplies	110 85
C 465	do.	H. Krantz Mfg. Co.	Distr. panels	228 56
C 466	do.	W. C. Davis	Stone sill	16 00
C 467	do.	United States Electrical Tool Co.	Electrical supplies	35 85
C 468	do.	D. W. Loyde	Dictionary	13 50
C 469	Nov. 21	C. W. Walcott	City lot	3,500 00
C 470	do.	Dr. Henry L. Rietz	do.	3,500 00
C 471	do.	Mrs. Nellie G. Walton	do.	3,500 00
C 472	do.	Alberene Stone Co.	Alberene stone tops	135 00
C 473	do.	Central Supply Co.	General supplies	617 70
C 474	do.	North Bangor Slate Co.	Blackboard	21 98
C 475	do.	Harrison Safety Boiler Works	Safety exhaust	127 80
C 476	do.	Automatic Electric Co.	Electrical supplies	27 50
C 477	do.	S. E. Huff & Co.	Lumber	628 00
C 478	do.	Julius Seidel Lumber Co.	do.	245 04
C 479	do.	International Harvester Co.	Cream separator	59 75
C 480	do.	Hoppes Mfg. Co.	Water meter	345 00
C 481	do.	Pearless Motor Car Co.	Motor	220 00
C 482	do.	Blanke Mfg. & Supply Co.	Laboratory apparatus	22 50
C 483	Nov. 23	The Inner Braced Furniture Co.	Chairs	66 15
C 484	do.	Ward's Natural Science Est.	Museum specimen	42 25
C 485	do.	Library Bureau	Tables	300 00
C 486	Nov. 25	Peck & Hills Furniture Co.	Chairs	75 70
C 487	do.	Remington Typewriter Co.	Typewriter	34 00
C 488	Nov. 30	Chicago Medical Book Co.	Books	23 68
C 489	do.	Eimer & Amend	Barnstead still	75 10
C 490	do.	Frank S. Betz Co.	Massage table	18 00
C 491	do.	Mehring & Hanson Co.	Labor and material	250 00
C 492	do.	G. E. Stechert & Co.	Books	638 57
C 493	do.	A. C. McClurg & Co.	do.	497 87
C 494	do.	James B. Clow & Sons	General supplies	100 91
C 495	do.	Plainfield Grain Co.	Building repairs	621 72
C 496	do.	Remington Typewriter Co.	Typewriter	70 00
C 497	do.	University of Illinois Supply Store	Filing case	17 33
C 498	do.	Hunter Rourke & Co.	Lumber	29 74
C 499	do.	Royal A. Stipes	Sand	36 00
C 500	do.	David Lupton's Sons Co.	Skylight	135 00
C 501	do.	L. C. Smith & Bros.	Typewriter	130 00
C 502	do.	Columbia School Supply Co.	Blackboard	7 35
C 503	do.	John McIntosh Co.	Vacuum apparatus	65 55
C 504	do.	R. G. Freyer	Temperature tanks	90 00
C 505	do.	A. Leschen & Sons Rope Co.	Iron hoistings	176 28
C 506	do.	Automatic Electric Co.	Electrical supplies	12 50
C 507	do.	Woldenberg & Schaar	Scales	22 10
C 508	do.	Museum of Fine Arts	Cast of Ludovisi Throne	100 00
C 509	do.	The Charleston Museum	Books	1 50
C 510	do.	William H. Smith	do.	5 15
C 511	do.	The Cadmus Book Shop	do.	13 01
C 512	do.	Archaeological Institution of America	do.	25 75
C 513	do.	D. Tobias Sigel	do.	6 00
C 514	do.	The Boston Book Co.	do.	1 10
C 515	do.	The Arthur H. Clark Co.	General supplies	10 00
C 516	do.	James I. Wyer, Jr.	Decimal classification	2 50
C 517	do.	Funk & Wagnalls Co.	Books	2 00
C 518	do.	Chivers Book Binding Co.	do.	3 20
C 519	Dec. 3	A. B. Gray	City lots	43 79
C 520	do.	Albert Britnell	Books	3 75



## BUILDINGS, LAND AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1914			
C 521	Dec. 3	Reliable Plumbing & Heating Co.	Contract.	\$ 63 00
C 522	do.	C. Gerhardt & Co.	Books.	5 60
C 523	do.	Western Drawing & Manual Assn.	do.	4 50
C 524	do.	Leary & Stuart & Co.	do.	9 00
C 525	do.	McGraw-Hill Book Co.	do.	21 00
C 526	do.	Callaghan & Co.	do.	144 59
C 527	do.	The Cooper Handbook.	do.	17 00
C 528	do.	G. E. Stechert & Co.	do.	34 29
C 529	do.	A. C. McClurg & Co.	do.	38 11
C 530	do.	N. H. Shields.	Contract.	1,000 00
C 531	Dec. 4	Pay roll.	December, 1914.	863 33
		Havens, C. H.	Salary.	\$120 00
		Murphy, M.	do.	110 00
		Oberdorfer, H. D.	do.	208 33
		Showers, T. J.	do.	125 00
		Towne, L. J.	do.	175 00
		Wright, G. E.	do.	125 00
C 532	do.	Pay roll.	December, 1914.	666 66
		Rice, G. B.	Salary.	\$250 00
		White, J. M.	do.	416 66
C 533	do.	T. H. Flood & Co.	Books.	59 39
C 534	do.	The Carswell Co.	do.	13 35
C 535	do.	Statute Law Book Co.	do.	3 10
C 536	do.	A. B. Dick Co.	Mimeograph.	124 00
C 537	do.	Ernst Leitz.	Paraffin ovens.	120 00
C 538	do.	General Electric Co.	Electrical supplies.	130 00
C 539	do.	Bausch & Lomb Optical Co.	Microscopes.	364 50
C 540	do.	Woldenberg & Schaar.	Drying oven.	65 00
C 541	do.	The Inner Braced Furniture Co.	Desk.	21 60
C 542	do.	Chas. Bodach & Sons.	Cases.	56 00
C 543	do.	Independent Lamp & Wire Co.	Duplex pump.	60 00
C 544	do.	Canada Law Book Co.	Books.	7 00
C 545	do.	The Lawyers Co-Operative Publishing Co.	do.	2 50
C 546	do.	Green Engineering Co.	Contract.	208 00
C 547	do.	Reliable Plumbing & Heating Co.	do.	760 21
C 548	do.	English Bros.	do.	22,208 40
C 549	do.	Carson Payson Co.	do.	5,000 00
C 550	do.	Freeman & Brooks.	do.	8,424 78
C 551	Dec. 5	Weimer & Schweinsberg.	Machine covers.	18 00
C 552	do.	Remington Typewriter Co.	Typewriter.	45 00
C 553	do.	R. A. Stipes.	Building material.	178 20
C 554	do.	L. C. Smith & Bros.	Typewriter.	35 00
C 555	Dec. 7	Federal Sign System.	Light fixtures.	5 43
C 556	do.	Manhattan Electric Supply Co.	Electrical supplies.	112 11
C 557	do.	The Western Electric Co.	General supplies.	120 62
C 558	Dec. 8	Royal A. Stipes.	Sand and gravel.	1,119 90
C 559	do.	Walrus Mfg. Co.	Tables.	97 40
C 560	do.	Mine Safety Appliance Co.	Psychrometer.	12 50
C 561	do.	Peck & Hills Furniture Co.	Book section.	4 45
C 562	do.	Marshall Field & Co.	Panel screens.	25 00
C 563	do.	Ernst Leitz.	Paraffin oven.	152 00
C 564	do.	Central Electric Co.	Lamp.	8 25
C 565	do.	Walker & Mulliken.	Study table.	8 25
C 566	Dec. 9	Alexander Lumber Co.	Lumber.	1,084 83
C 567	do.	Freeman & Brooks.	Labor and material.	677 85
C 568	do.	S. E. Huff & Co.	Lumber.	102 55
C 569	do.	University of Illinois Supply Store.	General supplies.	16 25
C 570	do.	Reliable Plumbing & Heating Co.	Contract.	500 00
C 571	do.	Link Belt Co.	do.	564 50
C 572	do.	H. W. Johns-Manville Co.	Reflector.	28 22
C 573	do.	C. H. Brownell.	Partition.	61 25
C 574	do.	Automatic Electric Co.	Electrical supplies.	12 44
C 575	do.	Jno. B. Bennett.	Building material.	113 60
C 576	Dec. 11	H. Krantz Mfg. Co.	Switchboard.	223 77
C 577	do.	The New York Blower Co.	Building material.	752 22
C 578	do.	Wm. W. Coblentz.	Laboratory apparatus.	125 00
C 579	do.	Library Bureau.	Folding steps.	6 00
C 580	do.	The Burr Co.	Contract.	465 00
C 581	Dec. 12	J. H. Neimann.	Typewriter desk.	16 00
C 582	do.	New Britain Machine Co.	Vise stand.	54 00
C 583	do.	F. C. Jorgeson & Co.	Sarcophagus and cabinet.	140 00
C 584	do.	Alexander Lumber Co.	Lumber.	452 14
C 585	do.	The Burr Co.	Brackets.	515 00
C 586	do.	C. A. Kiler.	Telephone table.	6 50
C 587	do.	Keiley Specialty Co.	team trap.	15 75
C 588	do.	George B. Limbert & Co.	Pipe flanges.	10 25
C 589	Dec. 15	International Instrument Co.	Filter.	98 00
C 590	do.	H. W. Johns-Manville Co.	Contract.	616 98

## BUILDINGS, LAND AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
1914				
C 591	Dec. 15	Alberene Stone Co.	Alberene stone	\$ 532 57
C 592	do.	H. Mueller Mfg. Co.	Hose cock	32 34
C 593	do.	Freeman & Brooks	Rent	92 53
C 594	do.	Federal Sign System	Ins. joints	294 37
C 595	do.	Alexander Lumber Co.	Lumber	84 39
C 596	do.	The Western Roofing & Supply Co.	General supplies	181 47
C 597	do.	Hunter Rourke & Co.	Building material	106 17
C 598	Dec. 16	C. A. Klier	Filing case	27 90
C 599	do.	Peck & Hills Furniture Co.	Table	9 25
C 600	Dec. 17	Chicago Retort & Fire Brick Co.	Fire brick	365 21
C 601	do.	W. W. Walls & Co.	Lumber	324 86
C 602	do.	American LaFrance Fire Engine Co.	Fire extinguisher	24 00
C 603	do.	Stipes & Hecker	General supplies	1,449 35
C 604	Dec. 18	R. C. Wagner & Son	Labor	58 75
C 605	do.	Eugene Dietzgen Co.	Folding stands	20 40
C 606	do.	Hall & McCreary	Books	76 08
C 607	Dec. 19	Geo E. Frazier	On account of Casavant Brothers	5,200 00
C 608	do.	Royal Typewriter Co.	Typewriter	50 00
C 609	do.	Bausch & Lomb Optical Co.	Microscope	80 10
C 610	do.	A. J. Nystrom & Co.	Library chart	12 60
C 612	Dec. 21	G. E. Stechert & Co.	Books	53 33
C 613	do.	A. C. McClurg & Co.	do.	3 50
C 614	do.	Economic Geology Publishing Co.	do.	2 00
C 615	do.	C. Gerhardt & Co.	do.	3 00
C 616	Dec. 22	Elmer & Amend	Laboratory apparatus	101 63
C 617	do.	Chicago Medical Book Co.	Books	18 23
C 618	do.	Cyphers Incubator Co.	Incubator	22 00
C 619	do.	Walker & Mulliken	Medicine cabinet	67 50
C 620	do.	American Electric Tool Co.	Bench grinder	32 40
C 621	Dec. 23	Illinois Engineering Co.	Building material	25 25
C 622	do.	James G. Biddle	Rheostats	178 43
C 623	Dec. 24	The Burr Co.	Apparatus repairs	234 25
C 624	do.	H. W. Johns-Manville Co.	Contract	301 54
C 625	Dec. 28	A. C. McClurg & Co.	Books	204 65
C 626	do.	G. E. Stechert & Co.	do.	378 85
C 627	do.	Foley Greenhouse Mfg. Co.	Contract	357 35
C 628	do.	T. H. Flood & Co.	Books	28 26
C 629	do.	The Boston Book Co.	do.	4 48
C 630	do.	J. Fisher & Bro.	do.	45 50
C 631	do.	G. Broes Van Dort Co.	do.	63 00
C 632	do.	Philip Dowell	do.	17 86
C 633	do.	N. H. Shields	Contract	5,804 66
C 634	Dec. 29	J. M. Hanson-Bennett Magazine Agency	Books	115 70
C 635	do.	The Daily Herald Co.	do.	2 00
C 636	do.	The Arthur H. Clark Co.	do.	10 65
C 637	do.	A. C. McClurg & Co.	do.	77 76
C 638	do.	Lemcke & Buechner	do.	132 00
C 639	do.	Archer B. Hulbert	do.	125 00
C 640	do.	Central Electric Co.	Electrical supplies	25 65
C 641	do.	Chicago Medical Book Co.	Books	8 70
C 642	do.	Rand, McNally & Co.	do.	4 94
C 643	do.	G. S. Moler	Cabinet slide	67 64
C 644	do.	Arthur Pennock	Drying oven	17 50
C 645	do.	G. E. Stechert & Co.	Journals	295 95
C 646	Dec. 31	Royal Typewriter Co.	Office equipment	50 00
C 647	do.	D. H. Lloyd	Library	9 00
C 648	do.	The Union Library Assn.	Books	7 10
C 649	do.	The Arthur H. Clark Co.	do.	2 75
C 650	do.	A. C. McClurg & Co.	do.	69 72
C 651	do.	G. E. Stechert & Co.	do.	144 01
C 652	do.	The Boston Book Co.	do.	3 47
1915				
C 653	Jan. 5	Manhattan Electric Supply Co.	Electrical supplies	74 69
C 654	do.	Crouse-Hinds Co.	General supplies	111 87
C 655	do.	Central Electric Co.	Electrical supplies	47 04
C 656	do.	Automatic Electric Co.	do.	39 80
C 657	do.	The Temco Electric Motor Co.	Electric drill	43 50
C 658	do.	Chas. Graham Chemical Pottery Works	Sinks	142 15
C 659	do.	The Powers Regulator Co.	Contract	500 00
C 660	do.	Pyrene Co. of Illinois	Pyrene extinguishers	14 00
C 661	do.	Alberene Stone Co.	Alberene stone	24 00
C 662	do.	Lewis M. Ellison	Draft gages	84 00
C 663	Jan. 6	Alexander Lumber Co.	Lumber	191 49
C 664	do.	L. C. Smith & Bros.	Office equipment	132 50
C 665	do.	Chicago Engineer Supply Co.	Lubricating pump	18 00
C 666	do.	National Metal Molding Co.	Conduit	62 48
C 667	do.	D. H. Lloyd	Disks and wheel	9 00
C 668	do.	The General Fireproofing Co.	Metal filing case	79 90

## BUILDINGS, LAND AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1915			
C 669	Jan. 6	B. C. Ames Co.	Gauge	\$ 18 13
C 670	do.	Buffalo Scale Co.	Scale	32 38
C 671	Jan. 7	University of Illinois Supply Store.	Filing section.	242 10
C 672	do.	The Carson Payson Co.	General supplies	105 07
C 673	do.	Link Belt Co.	do.	81 50
C 674	do.	Leonard Peterson & Co.	Contract	2,628 50
C 675	do.	Macbeth-Evans Glass Co.	Building material.	43 71
C 676	do.	A. C. McClurg & Co.	Books	8 65
C 677	do.	A. Kroch & Co.	do.	20 55
C 678	do.	G. E. Stechert & Co.	do.	42 78
C 679	do.	Alexander Lumber Co.	Lumber	95 54
C 680	do.	The Western Electric Co.	Electrical supplies	45 94
C 681	do.	Thomas Nelson & Sons.	Books	6 00
C 682	do.	Statute Law Book Co.	do.	2 97
C 683	do.	The Carswell Co.	do.	18 15
C 684	do.	T. H. Flood & Co.	do.	48 65
C 685	Jan. 8	V. Mueller & Co.	Microscopes.	1,444 25
C 686	do.	Freeman Sweet Co.	Motor connection.	27 00
C 687	do.	M. J. Corboy Co.	Water connection.	93 00
C 688	do.	Peck & Hills Furniture Co.	Filing case.	14 70
C 689	do.	The Macmillan Co.	Books	12 49
C 690	do.	Swartz Electric Co.	Electrical supplies	10 00
C 691	do.	Bausch & Lomb Optical Co.	General supplies	16 20
C 692	Jan. 11	The Torsion Balance Co.	Scales.	42 00
C 693	do.	The Sneed & Co. Iron Works.	Exhibit case.	190 00
C 694	do.	Library Bureau	Card index.	32 00
C 695	do.	V. Mueller & Co.	Electric plates	7 65
C 696	do.	A. J. Nystrom & Co.	Books	3 60
C 697	do.	Fairbanks, Morse & Co.	Truck	11 88
C 698	do.	J. G. Cherry Co.	Churn	151 00
C 699	do.	Peck & Hills Furniture Co.	Desk.	25 48
C 700	Jan. 13	Pay roll	January, 1915.	666 66
		Rice, G. B.	Salary	\$250 00
		White, J. M.	do.	416 66
C 701	do.	Pay roll	January, 1915.	863 33
		Havens, C. H.	Salary	\$120 00
		Murphy, M.	do.	110 00
		Oberdorfer, H. D.	do.	208 33
		Showers, T. J.	do.	125 00
		Towne, L. E.	do.	175 00
		Wright, G. E.	do.	125 00
C 702	Jan. 14	Automatic Electric Co.	Electric supplies	27 43
C 703	do.	Central Supply Co.	Valves	397 15
C 704	do.	Scheidel Western X Ray Coil Co.	Coolidge tube.	112 50
C 705	do.	The Burr Co.	Machine and tools	152 35
C 706	do.	W. T. Norton.	Books	50 00
C 707	do.	V. Mueller & Co.	Microscopes.	290 70
C 708	do.	Cleveland Press	Books	6 00
C 709	do.	The Berger Mfg. Co.	Card index.	34 20
C 710	Jan. 15	Bausch & Lomb Optical Co.	Apparatus.	60 21
C 711	do.	American LaFrance Fire Engine Co.	Fire extinguisher.	51 00
C 712	do.	William Brothers.	Contract.	1,013 22
C 713	Jan. 19	H. W. Johns-Manville Co.	Felt.	54 65
C 714	do.	The Leeds & Northrup Co.	Galvanometer	90 70
C 715	do.	P. D. Foster.	Labor and material.	47 10
C 716	do.	Chicago Medical Book Co.	Books.	4 05
C 717	do.	New York Blower Co.	Contract.	2,200 00
C 718	do.	Chas. Cocach & Sons.	Wall cases	16 00
C 719	do.	Federal Steel Fixture Co.	Boxes.	14 00
C 720	do.	Reliable Plumbing & Heating Co.	Contract.	377 00
C 721	do.	C. J. Lundstrom Mfg. Co.	Sectional bookcase.	11 50
C 722	do.	Remington Typewriter Co.	Typewriter.	39 00
C 723	do.	Stipes & Pilcher.	Labor	4 50
C 724	do.	Foley Construction Co.	Wire and plate.	169 80
C 725	Jan. 20	American LaFrance Fire Engine Co.	Extinguishers.	102 00
C 726	do.	American Radiator Co.	Radiator shields.	24 15
C 727	do.	Sandwich Mfg. Co.	Corn sheller.	11 50
C 728	do.	Johnston & Keischline.	Miniature house.	92 00
C 729	Jan. 21	A. C. McClurg & Co.	Books	222 37
C 730	do.	The Boston Book Co.	do.	8 40
C 731	do.	G. E. Stechert & Co.	do.	28 16
C 732	do.	The Arthur H. Clark Co.	do.	1 00
C 733	do.	University of Illinois Supply Store.	Filing case.	31 95
C 734	do.	International Magazine Co.	Books	21 75
C 735	do.	The Caxton Club	do.	7 50
C 736	do.	The Hispanic Society of America.	do.	4 00
C 737	do.	The Burr Co.	Roller bearings.	37 50
C 738	Jan. 22	V. Mueller & Co.	Microscopes.	296 55

## BUILDINGS, LAND AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
<b>1915</b>				
C 739	Jan. 22	G. E. Stechert & Co.	Books.	\$ 6 21
C 740	do.	Chicago Medical Book Co.	do.	6 30
C 741	do.	Smith Totman Co.	Contract.	1,688 00
C 742	do.	Henry Kraemer.	Books.	4 25
C 743	do.	The Burr Co.	Building material.	29 00
C 744	Jan. 25	A. C. McClurg & Co.	Books.	9 36
C 745	do.	James G. Biddle.	Frequency meter.	53 30
C 746	do.	Chas. Mollet.	Copper bath.	39 10
C 747	do.	Studebaker Corporation of America.	Ambulance.	589 45
C 748	do.	The Western Electric Co.	Batteries.	42 40
C 749	do.	The Holtzer-Cabot Electric Co.	Motor generator.	771 84
C 750	do.	Wm. Gaertner & Co.	Brass circles.	66 00
C 751	Jan. 27	Weil Bros.	General supplies.	33 61
C 752	do.	Central Supply Co.	Sundries.	350 35
C 753	do.	West Mfg. Co.	Laboratory apparatus.	7 50
C 754	do.	Fairbanks, Morse & Co.	do.	28 52
C 755	do.	G. E. Stechert & Co.	Books.	262 73
C 756	do.	University of Illinois Supply Store.	Furniture and fixtures.	133 02
C 757	do.	A. C. McClurg & Co.	Books.	70 74
C 758	do.	Peck & Hills Furniture Co.	Furniture and fixtures.	5 59
C 759	do.	Twin City Roofing Co.	Laboratory apparatus.	13 75
C 760	do.	Braun & Co.	Museum specimens.	13 50
C 761	do.	W. J. Boehm.	Laboratory apparatus.	20 00
C 762	do.	Westinghouse Electric & Mfg. Co.	do.	84 05
C 763	Jan. 28	The Burr Co.	Generallabor.	61 90
C 764	do.	Stipes & Hecker.	General supplies.	75 30
C 765	do.	Spencer Lens Co.	Laboratory apparatus.	95 76
C 766	do.	W. Wayne Electric Works of G. E.	do.	2 25
C 767	do.	Chicago Medical Book Co.	Library.	5 00
C 768	do.	Fourth Estate.	do.	280 00
C 769	do.	John Thomson Press Co.	Laboratory apparatus.	86 18
C 770	do.	T. H. Flood & Co.	Books.	11 50
C 771	do.	The Lawyers Co-Operative Publishing Co.	do.	13 25
C 772	do.	The Boston Book Co.	do.	2 50
C 773	Jan. 28	Callaghan & Co.	do.	283 50
C 774	do.	Royal Stipes.	General supplies.	52 70
C 775	do.	C. A. Klier.	do.	14 16
C 776	do.	Weston Electrical Instrument Co.	Laboratory apparatus.	46 76
C 777	do.	G. E. Stechert & Co.	Publications.	29 00
C 778	do.	Fairbanks, Morse & Co.	Dept. equipment apparatus.	473 85
C 779	do.	V. Mueller & Co.	General supplies.	106 96
C 780	Jan. 29	English Brothers.	Improvements.	5 20
C 781	do.	National Conference of Charities & Correc- tion.	Books.	64 05
C 782	do.	G. E. Stechert & Co.	do.	20 00
C 783	do.	L. C. Smith Bro. Typewriter Co.	Office equipment.	7 35
C 784	do.	Columbia School Supply Co.	Furniture and fixtures.	23 00
C 785	do.	Vose Apparatus Exchange.	Laboratory apparatus.	90 40
C 786	do.	E. H. Sargent & Co.	do.	50 00
C 787	do.	Esterline Co.	do.	2,108 00
C 788	do.	Snead & Co. Iron Works.	Library.	427 80
C 789	do.	Carson Payson Co.	New armory.	9 33
C 790	Feb. 8	E. H. Sargent & Co.	General supplies.	21 92
C 791	do.	Central Electric Co.	Electrical supplies.	104 03
C 792	do.	A. C. McClurg & Co.	Books.	25 14
C 793	do.	The Western Electric Co.	Electrical supplies.	21 00
C 794	do.	Pyrene Co. of Illinois.	Pyrene extinguishers.	7 50
C 795	do.	Architectural Book Publishing Co.	Books.	37 23
C 796	do.	Westinghouse Electric & Mfg. Co.	Electrical supplies.	6 25
C 797	do.	Weston Electric Instrument Co.	Voltmeter.	16 00
C 798	do.	Ward's Natural Science Establishment.	Torpedo marmorata.	820 00
C 799	do.	Richardson Scale Co.	Machinery.	3 00
C 800	do.	The Engineering Co.	Books.	125 00
C 801	do.	Twin City Roofing Co.	Copper pipes.	69 30
C 802	do.	Bausch & Lomb Optical Co.	Apparatus.	6,511 96
C 803	do.	English Brothers.	Contract.	5 00
C 804	do.	N. W. Ayer & Son.	Books.	67 25
C 805	do.	C. G. Willoughby.	General supplies.	5 25
C 806	do.	Western School Journal.	Books.	17 00
C 807	do.	The Spectator Co.	do.	1 00
C 808	do.	Association of Colleges & Preparatory Schools.	Books.	58 80
C 809	do.	Percival & Moorehead.	General supplies.	22 05
C 810	do.	Peck & Hills Furniture Co.	Flat top desk.	4 33
C 811	do.	Stipes & Hecker.	Cement.	90 26
C 812	do.	Economy Drawing Table Co.	Frame tables.	135 00
C 813	do.	Scientific Materials Co.	Thermometers.	11 64
C 814	Feb. 11	The Boston Book Co.	Books.	

## BUILDINGS, LAND AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
<b>1915</b>				
C 815	Feb. 11	C. A. Kiler.	General supplies	\$ 54 50
C 816	do.	L. C. Smith & Bros.	Typewriter	116 17
C 817	do.	E. H. Sargent & Co.	General supplies	259 75
C 818	do.	J. Fischer & Bro.	do.	81 25
C 819	do.	A. C. McClurg & Co.	Books	16 88
C 820	do.	V. Mueller & Co.	Microscopes	253 70
C 821	do.	G. E. Stechert & Co.	Books	453 66
C 822	do.	Alexander Lumber Co.	Lumber	156 01
C 823	do.	Illinois Traction Co.	Contract	2,122 80
C 824	do.	Callaghan & Co.	Water cases	6 50
C 825	do.	The Automatic File & Index Co.	Auto desk comp.	18 00
C 826	do.	Wm. Gaertner & Co.	String electro.	301 11
C 827	do.	National X Ray Reflector Co.	Electrical fixtures	10 99
C 828	do.	Illinois State Penitentiary	Stools	7 50
C 829	do.	M. A. Baker	Price list	7 50
C 830	do.	Sears, Roebuck & Co.	Gasoline engine	76 45
C 831	do.	The Arthur H. Clark Co.	Palmer's index	8 70
C 832	do.	N. Y. Botanical Garden	Books	1 50
C 833	do.	The Palmer Co.	Pictures	2 00
C 834	do.	Freeman & Brooks	Contract	1,000 00
C 835	do.	Dofer-Heimann Co.	Maps	29 18
C 836	Feb. 12	G. E. Stechert & Co.	Books	102 44
C 837	do.	The Burr Co.	Building apparatus	334 29
C 838	do.	LaSalle Extension University	Sundries	2 70
C 839	do.	H. Barton	Books	95 23
C 840	do.	Goodspeed's Book Shop	do.	2 25
C 841	do.	The Arthur H. Clark Co.	Speller	1 50
C 842	do.	Percival & Moorehead	Table	4 25
C 843	do.	C. H. Stoelting Co.	Time marker	17 88
C 844	do.	P. D. Foster	Shelves	16 00
C 845	do.	Sears, Roebuck & Co.	Filing cabinet	50 62
C 846	do.	R. G. Freyer	Grader boxes	60 00
C 847	do.	Hunter Rourke & Co.	Lumber	35 90
C 848	do.	National X Ray Reflector Co.	Chain hangers	132 30
C 849	Feb. 15	Pay roll	February, 1915	666 66
		Rice, G. B.	Salary	\$250 00
		White, J. M.	do.	416 66
C 850	do.	Pay roll	February, 1915	863 33
		Havens, C. H.	Salary	\$120 00
		Murphy, Morris	do.	110 00
		Oberdorfer, H. D.	do.	208 33
		Showers, T. J.	do.	125 00
		Towne, L. J.	do.	175 00
		Wright, G. E.	do.	125 00
C 851	do.	Freeman & Brooks	Contract	3,129 82
C 852	Feb. 16	Omitted		
C 853	do.	A. C. McClurg & Co.	Books	10 34
C 854	do.	L. C. Smith & Bros.	Typewriter	60 00
C 855	do.	Peoria Tent & Awning Co.	Wrestling mat	27 25
C 856	do.	Weston Electric Instrument Co.	Electrical supplies	30 62
C 857	do.	The Geo. J. Roberts Co.	Water lift	65 00
C 858	do.	The Inner Braced Furniture Co.	Chairs	7 76
C 859	do.	T. H. Flood	Books	16 57
C 860	do.	Chas. F. Lorenz	Motor	45 00
C 861	do.	Eimer & Amend	Laboratory apparatus	15 02
C 862	do.	C. A. Kiler	Linoleum	32 00
C 863	do.	Casavant Brothers	Pressure bellows	50 86
C 864	do.	Charles Mulford Robinson	Books	25 00
C 865	do.	The Hill & Griffith Co.	Wheel brush	3 43
C 866	Feb. 17	Peck & Hills Furniture Co.	Desk and chair	15 10
C 867	do.	C. A. Kiler	Filing cases	38 84
C 868	do.	Rudolph Wurlitzer Co.	Music stands	17 64
C 869	do.	The World's Interest Publishing Co.	Books	35 00
C 870	do.	Walker & Mulliken	Desk	28 80
C 871	do.	Narragansett Machine Co.	General supplies	22 40
C 872	Feb. 19	T. H. Flood & Co.	Books	41 08
C 873	do.	The Powers Regulator Co.	Contract	512 00
C 874	do.	Little, Brown & Co.	Books	7 20
C 875	do.	A. C. McClurg & Co.	do.	91 68
C 876	do.	G. E. Stechert & Co.	do.	161 23
C 877	do.	B. F. Bush	Herb specimen	23 44
C 878	do.	American LaFrance Fire Engine Co.	Fire extinguisher	72 00
C 879	do.	C. H. Brownell	Partition specimen	83 70
C 880	do.	The Boston Book Co.	Books	3 55
C 881	do.	The Carswell Co.	do.	7 20
C 882	do.	Chicago Medical Book Co.	Plant anatomy	5 85
C 883	do.	Central Electric Co.	Electrical supplies	16 50
C 884	do.	Weston Electric Instrument Co.	Voltmeter	22 97

## BUILDINGS, LAND AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
<b>1915</b>				
C 885	Feb. 19	Barnes Drill Co.	Drill	\$ 379 02
C 886	do.	The Martindale Merc. Agency	Journal	10 60
C 887	do.	F. M. Leslie	Maps	70 55
C 888	do.	Charles Mollett	Copper tanks	277 22
C 889	do.	Nollau & Wolff Mfg. Co.	Cupboard	60 00
C 890	do.	Mehring & Hanson Co.	Motors	1,695 00
C 891	do.	C. A. Kiler	Shades	2 75
C 892	do.	H. W. Johns-Manville Co.	Building supplies	28 56
C 893	do.	P. D. Foster	Mineral drawers	143 25
C 894	do.	R. G. Freyer	Cages	28 00
C 895	do.	J. C. Gabel & Co.	Copper bath	89 78
C 896	do.	The Southern & Southwestern Ry. Club	Journal	1 00
C 897	do.	West Publishing Co.	Books	24 00
C 898	do.	Henry R. Worthington	Valves	24 96
C 899	do.	The H. W. Wilson Co.	Books	34 60
C 900	do.	Wilmarth & Morman Co.	Drill grinder	153 70
C 901	do.	Chicago Medical Book Co.	Books	2 77
C 902	Feb. 22	G. E. Stechert & Co.	do.	9 15
C 903	do.	General Electric Co.	Motors	36 00
C 904	do.	The Creamery Package Mfg. Co.	Roll churn	125 00
C 905	do.	Woldenberg & Schaar	Weights	37 50
C 906	do.	University of Illinois Supply Store	Filing section	141 30
C 907	do.	Leonard Peterson & Co.	Iron boxes	149 80
C 908	do.	A. L. A. Publishing Board	Books	3 06
C 909	Feb. 23	The Citorator Publishing Co.	Printing	37 50
C 910	do.	The Boston Book Co.	Books	21 00
C 911	do.	The Lawyers' Co-Operative Publishing Co.	do.	3 00
C 912	do.	Roller-Smith Co.	Voltmeter	22 74
C 913	do.	Westinghouse Electric & Mfg. Co.	Ammeter	14 84
C 914	do.	J. G. Cherry Co.	Pasteurizer	237 60
C 915	do.	Peck & Hills Furniture Co.	Oak stools	16 17
C 916	do.	T. H. Flood & Co.	Books	21 14
C 917	do.	Edward Thompson Co.	do.	6 00
C 918	do.	The Frank Shepard Co.	Subscription	6 00
C 919	do.	The American Law Book Co.	Books	15 00
C 920	Feb. 24	A. C. McClurg & Co.	do.	7 98
C 921	do.	The American Book Co.	do.	2 00
C 922	do.	Carswell Co.	Journal	16 25
C 923	do.	Hugh H. Downing	Downing's annotations	2 00
C 924	do.	Mrs. J. H. Bettitt	Books	20 00
C 925	do.	Underwood & Underwood	Plain slides	85 35
C 926	do.	Walter C. O'Kane	Lantern slides	4 95
C 927	do.	The University of Chicago Press	Books	12 00
C 928	do.	Bell & Howell Co.	Stereopticon lens	8 00
C 929	do.	F. M. Leslie	Picture frames	1 25
C 930	do.	J. W. Taylor	Books	10 00
C 931	do.	Flanigan-Pearson Co.	Books bound	1 50
C 932	do.	The Inner Braced Furniture Co.	Chairs	20 70
C 933	do.	Architectural Book Publishing Co.	Books	4 05
C 934	Feb. 26	Jno. D. Bangs & Co.	Laboratory apparatus	25 90
C 935	do.	General Electric Co.	Motor	57 20
C 936	do.	James G. Biddle	Electrical supplies	37 14
C 937	do.	Walker & Mulliken	Magazine rack	14 85
C 938	do.	C. E. Stechert & Co.	Books	73 04
C 939	do.	Casavant Brothers	Contract	1,021 04
C 940	do.	Underwood Typewriter Co.	Typewriter	71 75
C 941	do.	Powers & Powers	Lantern slides	142 00
C 942	do.	McGraw-Hill Book Co.	Books	4 25
C 943	do.	Harvard University Press	do.	1 50
C 944	do.	H. N. Elmer	Proto apparatus	120 00
C 945	do.	The Harrington & King Perforating Co.	Screens	11 64
C 946	do.	M. C. B. Association	Books	10 00
C 947	do.	The John Carter Brown Library	do.	25 00
C 948	do.	The Burr Co.	Building material	4 40
C 949	Feb. 27	Hektograph Mfg. & Duplicator Co.	Duplicator	7 50
C 950	do.	Kewanee Mfg. Co.	Stock case	89 10
C 951	do.	Judd Laundry Machine Co.	Electric washer	98 00
C 952	do.	The American Multigraph Sales Co.	Multigraph	100 50
C 953	do.	The Western Electric Co.	Electric iron	2 19
C 954	do.	P. P. Caproni & Bro.	Museum specimen	6 19
C 955	do.	The Burr Co.	Scale	521 80
C 956	do.	Library Bureau	Order table	1 50
C 957	do.	Conrad Slide & Projection Co.	Lantern slides	21 00
C 958	do.	The Electric Ventilating Co.	Blower	319 00
C 959	do.	Peck & Hills Furniture Co.	Chairs	41 00
C 960	do.	Sears, Roebuck & Co.	Chopper and press	9 27
C 961	do.	V. Mueller & Co.	Microscope	99 00
C 962	do.	Royal A. Stipes	Gravel	22 25

## BUILDINGS, LAND AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
<b>1915</b>				
C 963	Feb. 27	H. W. Johns-Manville Co.	Contract	\$4,486 00
C 964	..do.	Hunter Rourke & Co.	Lumber	48 65
C 965	Mar. 2	T. H. Flood & Co.	Books	23 99
C 966	..do.	National Annotating Co.	..do.	4 00
C 967	..do.	The Carswell Co.	..do.	362 50
C 968	..do.	Pay roll	February, 1915	265 83
		Gustafson, C. L.	Salary	\$132 50
		Math, E. R.	..do.	133 33
C 969	..do.	Pay roll	February, 1915	378 05
		Bevis, A.	Salary	\$143 00
		Boyer, Walter H.	..do.	95 00
		Lescher, Frank M.	..do.	90 00
		Munson, Morris G.	..do.	50 05
C 970	Mar. 4	Goodspeed's Book Shop	Books	59 00
C 971	..do.	A. C. McClurg & Co.	..do.	96 01
C 972	..do.	G. E. Stechert & Co.	..do.	184 47
C 973	..do.	Stipes & Hecker	Cement	20 66
C 974	..do.	The Macmillan Co.	Books	4 80
C 975	..do.	Army & Navy Magazine	Magazine	2 00
C 976	..do.	The Martin & Hoyt Co.	Books	42 00
C 977	..do.	F. Stammer, Bookseller	..do.	8 06
C 978	..do.	L. E. Knorr, Assistant Comptroller	General labor	73 95
C 979	..do.	L. E. Knorr, Assistant Comptroller	Student labor	35 55
C 980	..do.	Bernard Quaritch	Books	67 80
C 981	..do.	Samuel Boyle	..do.	16 00
C 982	..do.	F. I. & W. B. Dobell	..do.	3 26
C 983	..do.	Henry Sotheran & Co.	..do.	151 00
C 984	..do.	Henry Gray	..do.	67 35
C 985	..do.	Hodges, Figgis & Co., Ltd.	..do.	8 72
C 986	Mar. 5	Wm. W. Coblentz	Tester	10 00
C 987	..do.	G. E. Stechert & Co.	Books	4 40
C 988	..do.	H. J. Boel Co.	Insect cases	75 00
C 989	..do.	James Wolfsohn	Books	14 00
C 990	..do.	J. W. Clinton	..do.	111 00
C 991	..do.	T. H. Craig	Watches	19 50
C 992	..do.	The Standard Calorimeter Co.	Burettes	9 00
C 993	..do.	Harold Tomlinson	Museum specimen	100 00
C 994	..do.	E. Bartholomew	Books	15 15
C 995	..do.	English Bros.	Contract	9,611 17
C 996	..do.	Northwestern Compo-Board Co.	Compo-Board	35 00
C 997	..do.	Alexander Lumber Co.	Lumber	55 50
C 998	..do.	Smith-Totman Co.	Roofing	78 41
C 999	..do.	C. H. Brownell	Oak partition	342 88
C 1000	..do.	American Can Co.	Adding machine	34 65
C 1001	..do.	Carson Pirie Scott & Co.	Blankets	6 40
C 1002	..do.	Waite Grass Carpet Co.	Rug	6 00
C 1003	..do.	Diebold Safe & Lock Co.	Vault doors	360 00
C 1004	..do.	Goder-Heimann Co.	Museum specimen	71 41
C 1005	..do.	H. Barton	Portraits	24 25
C 1006	Mar. 6	Freeman & Brooks	Contract	2,594 13
C 1007	Mar. 8	Canadian Mining Journal	Manual	2 00
C 1008	..do.	A. C. McClurg & Co.	Books	3 66
C 1009	..do.	John H. Doyle	Meat chopper	1 50
C 1010	..do.	American Tamworth Swine Record Assn.	Record	4 00
C 1011	..do.	The Western Gas Fixture Co.	Electrical fixture	7 57
C 1012	..do.	Mrs. John S. Lord	Report	5 00
C 1013	..do.	G. E. Stechert & Co.	Book	1 76
C 1014	..do.	G. S. Moler	Lantern slide	67 64
C 1015	..do.	Peck & Hills Furniture Co.	Chair	6 62
C 1016	..do.	Harwood Frost	Journal	1 50
C 1017	..do.	California State Mining Bureau	Bulletins	12 00
C 1018	..do.	The Modern Publishing Co.	Books	2 00
C 1019	..do.	The Goulds Mfg. Co.	Pump	22 08
C 1020	..do.	Spramotor Co.	Laboratory apparatus	18 93
C 1021	..do.	B. C. Ames Co.	Gauge heads	82 32
C 1022	Mar. 9	Wright Mfg. Co.	Air trap	6 21
C 1023	..do.	The Trumbull Electric Mfg. Co.	Fuses	12 89
C 1024	..do.	The Carborundum Co.	Carbon	6 42
C 1025	..do.	The Western Roofing & Supply Co.	Magnesia cover	13 36
C 1026	..do.	Crane Co.	Forge fittings	23 03
C 1027	..do.	C. J. Welch	Concrete work	89 15
C 1028	..do.	American Radiator Co.	Radiator shields	3 16
C 1029	..do.	Alberene Stone Co.	Alberene stone	9 44
C 1030	..do.	Laclede Christy Clay Products Co.	Tile and brick	55 80
C 1031	..do.	Medart Patent Pulley Co.	Pulley	3 75
C 1032	..do.	James B. Clow & Sons	Sink	2 43
C 1033	..do.	North Bangor Slate Co.	Blackboard	14 57
C 1034	..do.	V. Mueller & Co.	Building equipment	5 60

## BUILDINGS, LAND AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
1915				
C 1035	Mar. 9	C., C., C. & St. L. Ry. Co.	Freight	\$ 14 27
C 1036	do.	Keuffel & Esser Co.	Sector	2 28
C 1037	do.	Maas Brothers	Extension ladder	4 50
C 1038	do.	Hamblin Plumbing Co.	Plumbing supplies	65 00
C 1039	do.	The Peoples Gas Light & Coke Co.	Crane burners	42 00
C 1040	do.	A. C. McClurg & Co.	Dictionary	1 58
C 1041	do.	E. H. Sargent & Co.	Scale and thermometer	21 70
C 1042	do.	Spencer Lens Co.	Belgian hone	3 29
C 1043	do.	George Cutter Co.	Switchboard	42 30
C 1044	do.	George Murphy	Building material	20 91
C 1045	do.	Chicago Medical Book Co.	Books	3 63
C 1046	do.	Reliable Plumbing & Heating Co.	Building supplies	36 17
C 1047	do.	Chicago Retort & Fire Brick Co.	Tile and clay	200 57
C 1048	do.	James G. Biddle	Elektrometer	113 21
C 1049	do.	C. Hasler	Harness	160 00
C 1050	do.	D. H. Lloyd	Filing cabinet	77 80
C 1051	Mar. 11	Illinois Traction System	Contract	112 34
C 1052	do.	J. F. Farris	Harrow	10 00
C 1053	do.	Geo. Strode	Canvas	3 50
C 1054	do.	Ward's Natural Science Establishment	Museum specimen	34 50
C 1055	do.	E. O. Kirby Auto Co.	Cars	1,035 00
C 1056	do.	Illinois State Penitentiary	Laboratory stools	7 50
C 1057	do.	G. E. Stechert & Co.	Books	47 62
C 1058	do.	C. J. Welch	Sewer	123 60
C 1059	do.	D. H. Lloyd	Cardboard cutter	4 50
C 1060	do.	W. L. Pfeiffer Lumber Co.	Lumber	46 26
C 1061	do.	Mrs. M. V. Slingerland	Lantern slides	17 00
C 1062	do.	J. Horace McFarland Co.	do.	3 00
C 1063	do.	Morrill & Morley Mfg. Co.	Pump outfit	24 05
C 1064	do.	Braum & Co.	Carbon print	17 25
C 1065	do.	E. H. Sargent & Co.	Tuberculin syringe	2 75
C 1066	do.	Pratt & Whitney Co.	Hand reamers	2 99
C 1067	do.	R. L. Kelley	Drafting	50 00
C 1068	Mar. 12	Pay roll	March, 1915	908 33
		Havens, C. H.	Salary	\$125 00
		Murphy, Morris	do.	110 00
		Oberdorfer, H. D.	do.	208 33
		Showers, T. J.	do.	125 00
		Towne, L. J.	do.	200 00
		Wright, G. E.	do.	140 00
C 1069	do.	Pay roll	March, 1915	666 66
		Rice, G. B.	Salary	\$250 00
		White, J. M.	do.	416 66
C 1070	Mar. 15	Alexander Lumber Co.	Flooring	13 75
C 1071	do.	Blanke Mfg. & Supply Co.	Cans and tubs	11 20
C 1072	do.	E. H. Sargent & Co.	Drying ovens	70 40
C 1073	do.	McGraw-Hill Book Co.	Books	6 80
C 1074	do.	The Good Roads Machine Co.	Grader	130 29
C 1075	do.	D. H. Lloyd	Filing sections	54 92
C 1076	do.	Ernst Leitz	Microscope stands, etc.	1,282 73
C 1077	Mar. 17	The Burr Co.	Building repairs	52 75
C 1078	do.	Reliable Plumbing & Heating Co.	Contract	366 70
C 1079	do.	Hoskins Mfg. Co.	Graphite	10 68
C 1080	do.	D. Appleton & Co.	Year book	3 00
C 1081	do.	W. F. & John Barnes Co.	Friction drill	65 66
C 1082	do.	N. W. Ayer & Son	Books	5 00
C 1083	do.	Sturges & Burn Mfg. Co.	Cans	75 91
C 1084	do.	Ernst Hertzberg & Sons.	Books	10 22
C 1085	do.	Leavitt Mfg. Co.	Museum specimen	2 45
C 1086	do.	D. Van Nostrand Co.	Books	7 20
C 1087	do.	Educational Aid Society	Directory	1 00
C 1088	do.	A. C. McClurg & Co.	Books	11 85
C 1089	do.	W. F. Hardy	Truck wheels	4 50
C 1090	do.	Chas. Mollet	Still tube	10 20
C 1091	do.	Hektograph Mfg. & Duplicator Co.	Duplicator	7 50
C 1092	do.	The Sneed & Co. Iron Works	Book shelves	135 00
C 1093	do.	Chicago Medical Book Co.	Books	7 48
C 1094	do.	Crouse-Hinds Co.	Box and door	6 47
C 1095	do.	H. Mueller Mfg. Co.	Gas hose cock	2 07
C 1096	Mar. 18	Ernst Hertzberg & Sons.	Books	421 75
C 1097	do.	A. C. McClurg & Co.	do.	213 24
C 1098	do.	The Boston Book Co.	do.	6 90
C 1099	do.	Ward's Natural Science Establishment	Museum specimen	73 50
C 1100	do.	Henry Troemner	Scales	187 50
C 1101	do.	The L. S. Starrett Co.	Office supplies	7 81
C 1102	do.	Peck & Hills Furniture Co.	Chair	4 66
C 1103	do.	West Publishing Co.	Books	2 75
C 1104	do.	The Lawyers Co-operative Publishing Co.	Publications	7 00



## BUILDINGS, LAND AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1915			
C 1105	Mar. 18	Scientific American	Journal	\$ 2 50
C 1106	do.	School of Printing	Books	1 40
C 1107	do.	The Nusbaum Book of Art Co.	do.	36 80
C 1108	do.	Henry Holt & Co.	do.	3 20
C 1109	do.	J. Fischer & Bro.	do.	5 88
C 1110	do.	American Seeding Machine Co.	Drills	80 00
C 1111	do.	Hall Hardware Co.	Padlocks	3 50
C 1113	do.	The H. W. Wilson Co.	Books	28 25
C 1114	do.	G. E. Stechert & Co.	do.	1,425 33
C 1115	do.	A. C. McClurg & Co.	do.	15 71
C 1116	Mar. 19	Reliable Plumbing & Heating Co.	Building material	40 59
C 1117	do.	E. H. Sargent & Co.	Pulverizer	99 55
C 1118	do.	The Arthur H. Thomas Co.	Laboratory apparatus	64 92
C 1119	do.	Frank S. Collins	Books	5 00
C 1120	do.	McIntosh Stereopticon Co.	Arc lamp	7 30
C 1121	do.	J. B. Brimmg	Steam baths	63 00
C 1122	Mar. 20	Federal Sign System	Electrical supplies	20 33
C 1123	do.	J. C. Thomas	Push plate	8 54
C 1124	do.	James F. Clow & Sons	Madden valve	4 67
C 1125	do.	Westinghouse Electric & Mfg. Co.	Electrical supplies	4 03
C 1126	Mar. 22	A. C. McClurg & Co.	Books	2 03
C 1127	do.	Hunter Rourke & Co.	Lumber	27 40
C 1128	do.	G. E. Stechert & Co.	Books	203 86
C 1129	do.	James B. Clow & Sons	Building material	7 27
C 1130	do.	Caxton School Supply Co.	Lithoplates	12 32
C 1131	do.	Leavitt Mfg. Co.	Table frames	9 50
C 1132	do.	Justrite Mfg. Co.	Extinguishers	10 29
C 1133	do.	Architectural Book Publishing Co.	Books	4 05
C 1134	do.	Smith-Totman Co.	Pipe cover	493 56
C 1135	do.	E. H. Sargent & Co.	Testing machine	90 00
C 1136	do.	A. J. Nystrom & Co.	Maps	46 86
C 1137	do.	Taylor Hardware Co.	Hose	5 08
C 1138	do.	Burgmeier Book Bindery	Books	73 05
C 1139	Mar. 23	The Carswell Co.	do.	45 83
C 1140	do.	The Inner Braced Furniture Co.	Chairs	10 23
C 1141	do.	The Boston Book Co.	Books	73 50
C 1142	do.	T. H. Flood & Co.	do.	92 03
C 1143	do.	G. E. Stechert & Co.	do.	58 66
C 1144	do.	The H. W. Wilson Co.	Periodicals	3 00
C 1145	do.	Bancroft Whitney Co.	Books	4 80
C 1146	do.	Canada Law Book Co.	do.	7 00
C 1147	do.	Bausch & Lomb Optical Co.	Potometer	3 75
C 1148	do.	Chicago Medical Book Co.	Books	3 00
C 1149	do.	W. D. Allen Mfg. Co.	Water hose	18 31
C 1150	do.	The Torsion Balance Co.	Torsion balance	126 30
C 1151	do.	Reliable Plumbing & Heating Co.	Contract	500 00
C 1152	do.	A. C. McClurg & Co.	Books	10 65
C 1153	do.	L. E. Knorr, Acting Comptroller	General labor	63 60
C 1154	Mar. 26	A. C. McClurg & Co.	Books	10 92
C 1155	do.	G. E. Stechert & Co.	do.	5 98
C 1156	do.	E. H. Sargent & Co.	Laboratory supplies	80 00
C 1157	do.	H. J. Bool Co.	Furniture and fixtures	85 00
C 1158	do.	Sturges & Burn Mfg. Co.	General supplies	11 64
C 1159	do.	Peters Gate & Fence Co.	Fencing	235 13
C 1160	do.	Robert W. Paul	Laboratory apparatus	39 99
C 1161	do.	Albert E. Wuesteman	do.	8 00
C 1162	do.	Westinghouse Electric & Mfg. Co.	do.	11 37
C 1163	do.	Senn Brothers	do.	2 00
C 1164	do.	American Can Co.	General supplies	19 60
C 1165	do.	Prof. C. H. Fernald	Books	4 00
C 1166	do.	The Leeds & Northrup Co.	Laboratory apparatus	1 32
C 1167	do.	Peck & Hills Furniture Co.	Furniture and fixtures	23 52
C 1168	do.	The Burr Co.	General supplies	14 95
C 1169	do.	C. A. Kiler	Furniture and fixtures	14 85
C 1170	do.	Twin City Roofing Co.	do.	35 50
C 1171	Mar. 27	Ernst Hertzberg & Sons	Books	68 45
C 1172	do.	J. M. Hanson-Bennett Magazine Agency	do.	8 55
C 1173	do.	The Macmillan Co.	do.	28 73
C 1174	do.	G. E. Stechert & Co.	do.	781 13
C 1175	do.	A. C. McClurg & Co.	do.	31 13
C 1176	do.	The Boston Book Co.	do.	2 80
C 1177	do.	J. B. Lyons Co.	Reports	14 00
C 1178	do.	D. H. Lloyd	Directory	5 00
C 1179	do.	Secretary of the Commonwealth	Journals	10 00
C 1180	do.	John Wiley & Sons	Books	2 40
C 1181	do.	The University of Chicago Press	Books	15 00
C 1182	do.	The Arthur H. Clark Co.	Journals	3 15
C 1183	do.	William J. Gerhard	Books	10 50

## BUILDINGS, LAND AND EQUIPMENT VOUCHERS—Continued.

No	Date.	To whom.	For what.	Amount.
<b>1915</b>				
C 1184	Mar. 27	Philip Dowell	Books	\$ 7 88
C 1185	Mar. 29	Chicago Medical Book Co.	do.	14 89
C 1186	do.	F. T. Harmon	Lantern slides	10 00
C 1187	do.	S. S. White Dental Mfg. Co.	Fischer syringe	6 37
C 1188	do.	Marshall Field & Co.	Burlap screen	4 50
C 1189	do.	Maas Brothers	Tray	2 50
C 1190	do.	Elmer & Amend	Laboratory apparatus	109 14
C 1191	do.	The Book Shop Bindery	Binding	87 50
C 1192	do.	A. Krock & Co.	Books	48 61
C 1193	do.	Paul Gottschalk	Books	118 15
C 1194	do.	Ernst Hertzberg & Sons	do.	49 55
C 1195	do.	A. C. McClurg & Co.	do.	18 52
C 1196	do.	G. E. Stechert & Co.	do.	6 40
C 1197	do.	Central Scientific Co.	Tuning fork	20 15
C 1198	do.	The Brecht Co.	Museum specimens	34 61
C 1199	do.	Taylor Hardware Co.	Incubator	45 00
C 1200	do.	Kewanee Mfg. Co.	Chairs	45 90
C 1201	do.	C. H. Besly & Co.	Kupke Chuck	7 26
C 1202	Mar. 30	Chicago Medical Book Co.	Books	13 49
C 1203	do.	Twin City Roofing Co.	Iron pans	12 00
C 1204	do.	Dulan & Co.	Books	5 50
C 1205	do.	Otto Harrassowitz	do.	24 25
C 1206	do.	Jacques Rosenthal	do.	2 62
C 1207	do.	F. Gillierion & Son	Museum specimens	328 45
C 1208	do.	Louis Vezinaud	Books	3 05
C 1209	Mar. 31	F. M. Leslie	Blue printing	30 70
C 1210	do.	G. E. Stechert & Co.	Books	43 16
C 1211	do.	C. Gerhardt & Co.	do.	2 00
C 1212	do.	Hine Photo Co.	Lantern slides	11 86
C 1213	do.	S. Druckerman	Books	10 72
C 1214	do.	W. J. Gerhard	Journal	1 00
C 1215	do.	The Macmillan Co.	Books	1 60
C 1216	do.	J. M. Hanson-Bennett Magazine Agency	Magazine	4 50
C 1217	do.	Spencer Lens Co.	Microtome	144 00
C 1218	do.	Bausch & Lomb Optical Co.	Lenses	7 20
C 1219	do.	Lea & Febiger	Journal	1 80
C 1220	do.	Edward Thompson Co.	Magazine	2 00
C 1221	do.	The Carswell Co.	Law reports	8 55
C 1222	Apr. 2	Pay roll	March, 1915	1,561 42
		Barnes, V. R.	Salary	\$ 99 60
		Boyer, Walter H.	do.	95 00
		Bernard, Lester C.	do.	75 00
		Bevis, A.	do.	154 00
		Brannagan, John	do.	84 35
		Crathorne, F.	do.	86 45
		Fender, Fred	do.	84 60
		Fiscus, John C.	do.	70 40
		Fox, Guy	do.	82 75
		Hill, Charles	do.	99 63
		Higgins, Harry	do.	93 60
		Langhoff, A.	do.	86 43
		Lescher, Frank M.	do.	90 00
		Myers, Jesse	do.	64 40
		Smith, W. J.	do.	124 64
		Templin, William	do.	89 25
		Warmbier, A.	do.	86 70
C 1223	Apr. 2	Pay roll	March, 1915	1,468 40
		Booker, A. J.	Salary	\$ 72 00
		Casad, J. G.	do.	120 00
		Clancy, Frank	do.	122 04
		Clifford, Harry A.	do.	85 40
		Crackel, Ben.	do.	60 00
		Dunseth, C. A.	do.	86 40
		Glawes, Albert	do.	20 80
		Gundloch, Albert	do.	84 80
		Gustafson, C. L.	do.	130 00
		Math, E. R.	do.	133 33
		Miller, J. H.	do.	112 50
		Porter, S. A.	do.	28 80
		Rittenhouse, George	do.	51 07
		Sandwell, Martin	do.	28 80
		Speedie, A. C.	do.	28 80
		Stratton, Elmer	do.	81 66
		Vandeventer, J. H.	do.	69 20
		Wilson, Wesley	do.	76 80
		Wright, Amos	do.	76 00
C 1224	Apr. 6	English Brothers	Contract	9,068 54
C 1225	do.	S. E. Huff & Co.	Lumber	13 45

## BUILDINGS, LAND AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
<b>1915</b>				
C 1226	Apr. 6	T. H. Flood & Co.	Books.	\$ 78 82
C 1227	do.	Moody Manual Co.	do.	20 00
C 1228	do.	Alexander Lumber Co.	Cypress.	78 49
C 1229	do.	Walworth Mfg. Co.	Valves.	43 35
C 1230	do.	Royal A. Stipes.	Sand.	3 00
C 1231	do.	Sheldon Brick & Building Supply Co.	Brick.	6 00
C 1232	do.	Federal Steel Fixture Co.	Shelving.	94 08
C 1233	do.	U. of I. Supply Store.	Slide rule.	10 85
C 1234	do.	Jno. B. Bennett.	Brick.	126 77
C 1235	do.	C. J. Welch.	Labor.	28 20
C 1236	do.	The Burr Co.	Building material.	43 80
C 1237	Apr. 7	G. E. Stechert & Co.	Books.	10 16
C 1238	do.	U. of I. Supply Store.	Books and files.	22 50
C 1239	do.	A. C. McClurg & Co.	Books.	4 04
C 1240	do.	Alexander Lumber Co.	Lumber.	28 25
C 1241	do.	C. A. Kiler.	Files.	6 98
C 1242	do.	General Electric Co.	Circuit breaker.	12 50
C 1243	do.	Fairbanks, Morse & Co.	Truck.	28 45
C 1244	do.	Engineering Model Works.	Museum specimens.	90 00
C 1245	do.	Lewis M. Ellison.	Pressure gage.	22 39
C 1246	do.	The Creamery Package Mfg. Co.	Scales.	21 00
C 1247	do.	The Bristol Co.	Experiment gauge.	12 54
C 1248	do.	Bean Spray Pump Co.	Spray pump.	20 00
C 1249	do.	Builders Iron Foundry.	Manometer.	36 00
C 1250	do.	Pratt & Whitney Co.	Cutters.	7 26
C 1251	do.	Lamp Equipment Division, National Lamp Works of General Electric Co.	Geryk pump.	47 50
C 1252	do.	F. M. Leslie.	Mounting.	24 25
C 1253	do.	McIntosh Stereopticon Co.	Stereopticon.	38 25
C 1254	do.	D. H. Lloyd.	Books.	2 25
C 1255	do.	J. M. Hanson-Bennett Magazine Agency.	Journals.	5 00
C 1256	do.	Remington Typewriter Co.	Typewriter.	70 00
C 1257	do.	Peck & Hills Furniture Co.	Table.	3 78
C 1258	Apr. 8	Paul Gottschalk.	Books.	1,332 00
C 1259	do.	Unitt & Wickes.	Museum specimens.	250 00
C 1260	do.	Sheldon Brick & Building Supply Co.	Tile.	10 60
C 1261	do.	Westinghouse Electric & Mfg. Co.	Rheostat.	7 47
C 1262	do.	The Wels Mfg. Co.	Filing cases.	13 45
C 1263	do.	Underwood Typewriter Co.	Typewriter.	21 75
C 1264	do.	Karl W. Harsmann.	Books.	11 60
C 1265	do.	W. Heffer & Sons.	do.	20 40
C 1266	do.	Joseph Baer & Co.	do.	12 96
C 1267	do.	Hodges, Figgis & Co.	do.	18 41
C 1268	do.	The Federal Safety Window Co.	Window fixtures.	23 40
C 1269	do.	Taylor Hardware Co.	Iron pans.	77 80
C 1270	do.	James G. Biddle.	Batteries.	90 12
C 1271	do.	Carson Pirie Scott & Co.	Carpets.	1 50
C 1272	do.	Peck & Hills Furniture Co.	Chairs.	8 83
C 1273	do.	General Electric Co.	Rheostats.	16 00
C 1274	do.	T. H. Flood.	Books.	7 00
C 1275	do.	Scientific Materials Co.	Thermometers.	97 95
C 1276	do.	North Bangor Slate Co.	Slate.	7 88
C 1277	do.	Chicago Medical Book Co.	Books.	28 71
C 1278	do.	V. Mueller & Co.	Office equipment.	94 70
C 1279	do.	A. Kroch & Co.	Books.	104 92
C 1280	do.	Central Scientific Co.	Balance.	31 00
C 1281	do.	The Lawyers Cooperative Publishing Co.	Reports.	2 50
C 1282	Apr. 9	Keuffel & Esser Co.	Laboratory apparatus.	10 76
C 1283	do.	Chicago Medical Book Co.	Books.	5 13
C 1284	do.	American Type Founders Co.	Printing press.	81 27
C 1285	do.	General Electric Co.	Electric supplies.	560 00
C 1286	do.	F. M. Leslie.	Vahlen Portrait.	3 70
C 1287	do.	Spencer Lens Co.	Laboratory apparatus.	124 20
C 1288	Apr. 12	E. A. Armstrong Mfg. Co.	Military supplies.	145 00
C 1289	do.	Leavitt Mfg. Co.	Lumber.	3 72
C 1290	do.	The A. H. Andrews Co.	Castings.	80 00
C 1291	do.	S. E. Huff & Co.	Pine.	173 40
C 1292	do.	Geo. B. Carpenter & Co.	Baseball cage.	348 61
C 1293	do.	The Schapirograph Co.	Schapirograph.	45 00
C 1294	do.	The Sevenoaks Book Co.	Books.	12 05
C 1295	Apr. 11	Freeman & Brooks.	Contract.	7,817 97
C 1296	Apr. 12	Marrs-Tanner Electric Co.	do.	1,008 63
C 1297	do.	Buffalo Scale Co.	Scales.	37 02
C 1298	do.	Wm. L. Schrader.	Floor grinder.	175 74
C 1299	do.	The Oven Equipment & Mfg. Co.	Oven.	166 50
C 1300	do.	Peck & Hills Furniture Co.	Bookcases.	38 11
C 1301	do.	Burley & Tyrrell Co.	Dishes.	27 75
C 1302	Apr. 14	Pay roll.	April, 1915.	908 33

## BUILDINGS, LAND AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1915			
C 1302	Apr. 14	Havens, C. H.	Salary	\$125 00
Cld.		Murphy, Morris	do.	110 00
		Oberdorfer, H. D.	do.	208 33
		Showers, T. J.	do.	125 00
		Towns, L. J.	do.	200 00
		Wright, G. E.	do.	140 00
C 1303	Apr. 14	Pay roll	April, 1915	\$ 666 66
		Rice, G. B.	Salary	\$250 00
		White, J. M.	do.	416 66
C 1304	Apr. 15	The Burr Co.	Building supplies	24 40
C 1305	do.	Thordarson Electric Mfg. Co.	Transformer	172 48
C 1306	do.	D. H. Lloyde.	Files	19 48
C 1307	do.	Electric Appliance Co.	Motor	8 70
C 1308	do.	Westinghouse Electric & Mfg. Co.	Electric supplies	18 08
C 1309	do.	Central Scientific Co.	Rectifier	15 00
C 1310	do.	Blanke Mfg. & Supply Co.	Freezer tub	4 25
C 1311	do.	A. J. Nystrom & Co.	Rotary map	15 36
C 1312	do.	Vaughan's Seed Store.	Spray outfit	4 00
C 1313	do.	New York Blower Co.	Contract	2,500 00
C 1314	Apr. 16	The Burr Co.	Framing	50 50
C 1315	do.	Thos. Conron Hardware Co.	Lawn mowers	24 50
C 1316	do.	Jas. Clark, Jr. Electric Co.	Electric grinder	45 12
C 1317	do.	Emerson-Brantigan Implement Co.	Sulky	47 17
C 1318	do.	The Globe-Wernicke Co.	Filing case	22 00
C 1319	do.	The Leeds & Northrup Co.	Indicator	131 00
C 1320	do.	Bernard Mandl.	Gloves	11 50
C 1321	do.	Peck & Hills Furniture Co.	Stools	24 99
C 1322	do.	Geo. Strobe.	Awnings	59 00
C 1323	do.	Urbana & Champaign Ry., Gas & Elec. Co.	Burner	7 50
C 1324	do.	U. of I. Supply Store.	Filing case	14 85
C 1325	Apr. 19	Chicago Medical Book Co.	Books	30 07
C 1326	do.	Emil Degenhardt.	Arch signs	15 00
C 1327	do.	J. W. Bates	Papier mache tooth model	150 00
C 1328	do.	Central Scientific Co.	Sterilizer	36 00
C 1329	do.	Conrad Slide & Projection Co.	Slides	50 00
C 1330	Apr. 21	T. H. Craig.	Repair work	32 50
C 1331	do.	H. Barton.	Portraits	18 75
C 1332	do.	McGraw-Hill Book Co.	Books	3 40
C 1333	do.	Underwood Typewriter Co.	Typewriter	71 75
C 1334	do.	Frank D. Kimball	Letter file	2 75
C 1335	do.	Benziger Brothers	Books	3 00
C 1336	do.	W. P. Davis Machine Co.	Keyseat cutter	5 40
C 1337	do.	Fairbanks, Morse & Co.	Scale	20 00
C 1338	do.	Bedman Brothers & Martin Co.	Filing case	3 50
C 1339	do.	The Globe-Wernicke Co.	Storage cases	4 67
C 1340	do.	C. L. Sandusky	G. W. files	8 00
C 1341	do.	The Standard Calorimeter Co.	Sulphur outfit	38 82
C 1342	do.	Howe Scale Co. of Illinois.	Howe scale	35 35
C 1343	do.	Peck & Hills Furniture Co.	Rug	3 37
C 1344	do.	Crane Co.	Bronze valve	18 70
C 1345	do.	C. A. Kiler.	G. W. file	7 27
C 1346	do.	E. A. Armstrong Mfg. Co.	Bunting United States	15 17
C 1347	do.	Eimer & Amend.	Tools	9 02
C 1348	do.	Diebold Safe & Lock Co.	Vault doors	300 00
C 1349	Apr. 22	The Burr Co.	Steel lining	89 00
C 1350	do.	James B. Clow & Sons	Shower heads	14 60
C 1351	do.	Hunter, Rourke & Co.	Lumber	15 01
C 1352	do.	Harry Herriek	Tubing	24 40
C 1353	do.	H. W. Johns-Manville Co.	Cork insulation	958 00
C 1354	do.	Justrite Mfg. Co.	Extinguishers	10 29
C 1355	do.	Manhattan Electric Supply Co.	Cable	45 89
C 1356	do.	National Metal Molding Co.	Conduit	67 08
C 1357	do.	National X Ray Reflector Co.	Reflectors	17 64
C 1358	do.	V. V. Phelps.	Alumni record	1 50
C 1359	do.	Wells Brothers Co.	Pipe dies	17 64
C 1360	do.	Weil Brothers.	Boiler	15 61
C 1361	Apr. 24	Addressograph Co.	Office equipment	60 81
C 1362	do.	Cutler Hammer Mfg. Co.	Electric supplies	27 92
C 1363	do.	Educational Aid Society	Books	1 00
C 1364	do.	The General Electric Co.	Rheostats	21 40
C 1365	do.	The Globe-Wernicke Co.	Files	26 25
C 1366	do.	The Gym Store.	Tennis nets	30 00
C 1367	do.	Taylor Hardware Co.	Iron tanks	3 75
C 1368	do.	Twin City Roofing Co.	Iron box	25 50
C 1369	do.	Urbana & Champaign Ry., Gas & Elec. Co.	Machinery	12 00
C 1370	do.	Wearecrete Engineering Co.	Floor compound	37 50
C 1371	do.	The Weis Mfg. Co.	Office equipment	17 63
C 1372	do.	Western Society of Engineers	Books	1 00

## BUILDINGS, LAND AND EQUIPMENT VOUCHERS.—Continued.

No.	Date.	To whom.	For what.	Amount.
<b>1915</b>				
C 1373	Apr. 26	Edw. G. Allen & Son	Books	\$ 179 86
C 1374	do.	Architectural Book Publishing Co.	do.	55 80
C 1375	do.	The Boston Book Co.	do.	87 13
C 1376	do.	Chwers Book Binding Co.	do.	4 16
C 1377	do.	Central Scientific Co.	Grade draft	53 06
C 1378	do.	P. K. Foley	Books	2 00
C 1379	do.	C. Gerhardt & Co.	do.	4 00
C 1380	do.	Geography Supply Bureau	Lantern slides	66 97
C 1381	do.	Hunter Rourke & Co.	Lumber	78 78
C 1382	do.	J. M. Hanson-Bennett Magazine Co.	Books	19 75
C 1383	do.	Ernst Hertzberg & Sons	do.	168 29
C 1384	do.	Leverett Belknap	do.	5 20
C 1385	do.	D. H. Lloyd	Card files	7 44
C 1386	do.	Lawyers Leather Brief Case Mfg. Co.	Portfolio	33 00
C 1387	do.	Munn & Co.	Books	5 00
C 1388	do.	Mining World Co.	Journal	1 50
C 1389	do.	Multiplex Display Fixture Co.	Office supplies	52 43
C 1390	do.	A. C. McClurg & Co.	Books	248 62
C 1391	do.	The Macmillan Co.	do.	13 43
C 1392	do.	Peck & Hills Furniture Co.	Chairs	22 54
C 1393	do.	C. V. Ritter	Books	43 00
C 1394	do.	G. E. Stechert & Co.	do.	697 47
C 1395	do.	W. Harold Tomlinson	Museum specimen	6 57
C 1396	do.	J. Terquem	Books	80 75
C 1397	do.	H. W. Wilson Co.	do.	6 00
C 1398	Apr. 28	Freeman & Brooks	Contract	1,159 70
C 1399	do.	B. Login & Son	Books	172 02
C 1400	do.	A. Kroch & Co.	do.	6 50
C 1401	do.	The Globe Wernicke Co.	Office supplies	26 54
C 1402	do.	Marshall Field & Co.	Table	4 16
C 1403	do.	V. Mueller & Co.	Microscope	69 70
C 1404	do.	Elmer & Amend	Hygrometer	9 02
C 1405	do.	Maas Brothers	Apparatus repairs	7 75
C 1406	do.	C. H. Stoelting Co.	Balance	28 40
C 1407	do.	Geo. Q. Gordy	Harrow	10 00
C 1408	do.	R. F. Hildebrand	Slides	22 20
C 1409	do.	James G. Biddle	Rheostats	118 50
C 1410	do.	G. Gennert	Cameras	38 25
C 1411	do.	J. Ricker'sche Universitäts-Buchhandlung, Glessen	Books	1 20
C 1412	do.	Pickering & Chatto	do.	7 45
C 1413	do.	The Creamery Package Mfg. Co.	Wizard ripener	200 00
C 1414	do.	Goder-Helmann Co.	Museum specimen	27 50
C 1415	do.	David T. Abercrombie Co.	Camera case	2 08
C 1416	do.	P. Stammer	Books	4 00
C 1417	do.	C. W. Barden	do.	2 00
C 1418	Apr. 29	C. Gerhardt & Co.	do.	7 00
C 1419	do.	The H. R. Hunting Co.	do.	2 79
C 1420	do.	Pownor's Book Store	do.	3 00
C 1421	do.	Statute Law Book Co.	do.	25 00
C 1422	do.	Julius H. Greenstone	do.	14 23
C 1423	do.	George Emery Littlefield	do.	4 50
C 1424	do.	The New York Evening Post	Index	1 00
C 1425	do.	Leary Stuart & Co.	Books	1 49
C 1426	do.	P. K. Foley	do.	5 00
C 1427	do.	The Macmillan Co.	do.	4 50
C 1428	do.	General Electric Co.	Rheostat	11 91
C 1429	do.	Ernst Hertzberg & Sons	Books	172 58
C 1430	do.	T. H. Flood & Co.	do.	99 41
C 1431	do.	William J. Gerhard	do.	12 00
C 1432	do.	Goodspeed's Book Shop	do.	32 10
C 1433	do.	The Boston Book Co.	do.	1 77
C 1434	do.	The Arthur H. Clark Co.	do.	122 85
C 1435	do.	Callaghan & Co.	Office supplies	64 00
C 1436	do.	H. D. Oberdorfer	Traveling expense	4 94
C 1437	do.	A. C. McClurg & Co.	Books	90 37
C 1438	do.	G. F. Reifsnider	do.	28 20
C 1439	do.	University of Illinois Supply Store	do.	11 26
C 1440	do.	The Bristol Co.	Laboratory apparatus	34 31
C 1441	do.	G. E. Stechert & Co.	Books	138 29
C 1442	do.	Bausch & Lomb Optical Co.	Microscope	87 30
C 1443	do.	S. E. Dillavou	Machinery	39 00
C 1444	do.	R. F. Hildebrand	Lantern slides	15 60
C 1445	do.	Macbeth-Evans Glass Co.	Holders	2 06
C 1446	Apr. 30	Longmans Green & Co.	Books	2 70
C 1447	do.	Ernst Hertzberg & Sons	do.	15 68
C 1448	do.	American Law Book Co.	do.	5 00
C 1449	do.	M. Curlander	do.	9 00

## BUILDINGS, LAND AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1915			
C 1450	Apr. 30	The Carswell Co.	Books	\$ 17 20
C 1451	..do.	Geo. B. Carpenter & Co.	Awnings	20 14
C 1452	..do.	Keuffel & Esser Co. of N. Y.	Drawing boards	81 17
C 1453	..do.	A. C. McClurg & Co.	Books	41 66
C 1454	..do.	Karl W. Hiersemann	..do.	1 20
C 1455	..do.	Hodges, Figgis & Co.	..do.	31 22
C 1456	..do.	Boston Book Co.	..do.	5 25
C 1457	..do.	T. H. Flood & Co.	..do.	261 64
C 1458	..do.	G. E. Stechert & Co.	..do.	45 60
C 1459	..do.	H. W. Johns-Manville Co.	Refrigerator plant	4,523 00
C 1460	May 4	Pay roll	April, 1915	1,399 36
		Barnes, V. R.	Salary	\$ 90 00
		Brannagan, John	..do.	79 80
		Crathorne, F.	..do.	83 20
		Fender, Fred	..do.	80 70
		Fiscus, John C.	..do.	89 60
		Fox, Guy	..do.	84 00
		Langhoff, A.	..do.	82 67
		Myers, Jesse	..do.	58 88
		Smith, W. J.	..do.	115 62
		Templin, William	..do.	75 60
		Hill, Charles	..do.	93 89
		Bernard, Lester C.	..do.	77 00
		Boyer, W. H.	..do.	95 00
		Lescher, Frank M.	..do.	90 00
		Munson, Morris G.	..do.	60 20
		Bevis, A.	..do.	143 00
C 1461	..do.	Pay roll	April, 1915	1,373 05
		Booker, A. J.	Salary	\$ 89 60
		Casad, J. G.	..do.	120 00
		Clancy, Frank	..do.	117 00
		Craig, J. D.	..do.	28 80
		Dunseth, C. A.	..do.	91 20
		Gundloch, Charles	..do.	87 20
		Kriegel, Otto	..do.	24 20
		Miller, J. H.	..do.	114 75
		Rittenhouse, George	..do.	21 15
		Sandwell, Martin	..do.	78 40
		Stratton, Elmer	..do.	79 82
		Vandeventer, J. H.	..do.	76 80
		Wilson, Wesley	..do.	89 60
		Wright, Amos	..do.	91 20
		Math, E. R.	..do.	133 33
		Gustafson, C. L.	..do.	130 00
C 1462	May 6	The Burr Co.	Building equipment	57 70
C 1463	..do.	The C. C. C. & St. L. Ry. Co.	Freight	3 39
C 1464	..do.	English Brothers	Contract	15,292 23
C 1465	..do.	Federal Sign System	Fixtures	27 33
C 1466	..do.	Freeman & Brooks	Contract	12,639 63
C 1467	..do.	Marrs-Tanner Co.	..do.	516 27
C 1468	..do.	The Wabash R. R. Co.	Freight	8 82
C 1469	..do.	L. E. Knorr, Assistant Comptroller	Student labor	19 53
C 1470	May 10	American Type Founders Co.	Office equipment	19 14
C 1471	..do.	The Burr Co.	Building material	79 00
C 1472	..do.	A. D. Batson	Portraits	9 00
C 1473	..do.	Bateman Mfg. Co.	Wheel hoe	3 93
C 1474	..do.	E. Bartholomew	Books	13 70
C 1475	..do.	E. C. Bridgman	Charts	10 00
C 1476	..do.	Bachman Brothers & Martin Co.	File	8 75
C 1477	..do.	Foster Brothers	Museum specimen	51 10
C 1478	..do.	The Globe-Wernicke Co.	File	15 50
C 1479	..do.	The Leeds & Northrup Co.	Def. indicator	70 50
C 1480	..do.	The Kelly Reamer Co.	Reamer	28 28
C 1481	..do.	D. H. Lloyde	Office equipment	119 08
C 1482	..do.	A. C. McClurg & Co.	Books	5 88
C 1483	..do.	Marine Biological Laboratory	Rent	100 00
C 1484	..do.	New Britain Machine Co.	Vise stand	34 00
C 1485	..do.	Peck & Hills Furniture Co.	Filing cases	43 36
C 1486	..do.	A. W. Stoolman	Contract	769 22
C 1487	..do.	L. C. Smith & Brothers	Typewriter	70 00
C 1488	..do.	The Tablet & Ticket Co.	Office supplies	11 50
C 1489	..do.	O. C. Vernon, O. I. C. Swine Breeders Assn	Records	8 00
C 1490	..do.	Woldenberg & Schaar	Scale	6 12
C 1491	May 12	Chicago Medical Book Co.	Books	17 43
C 1492	..do.	Walker & Mulliken	Shades	4 50
C 1493	..do.	Central Scientific Co.	Steel trays	50 10
C 1494	..do.	The Arthur H. Clarke Co.	Books	4 50
C 1495	..do.	W. J. Boehm	Cells	14 00

## BUILDINGS, LAND AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1915			
C 1496	May 12	Educational Aid Society	Books	\$ 1 00
C 1497	do.	Keuffel & Esser Co.	Pins and poles	27 24
C 1498	do.	R. E. Gordon	Tank lining	51 00
C 1499	do.	E. Von Stoesser	Laboratory apparatus	61 00
C 1500	do.	Otis Elevator Co.	Contract	1,500 00
C 1501	May 13	G. E. Stechert & Co.	Books	13 75
C 1502	do.	The Robbins & Myers Co.	Motors	52 56
C 1503	do.	Alexander Lumber Co.	Lumber	234 12
C 1504	do.	Lawyers Co-operative Publishing Co.	Books	5 00
C 1505	do.	Alberene Stone Co.	Stone	9 33
C 1506	do.	Central Electric Co.	Lamps	22 23
C 1507	do.	Taylor Hardware Co.	Shelf ladder	21 00
C 1508	do.	H. W. Johns-Manville Co.	Cork insulation	462 80
C 1509	do.	Independent Pneumatic Tool Co.	Rivet forge	107 80
C 1510	do.	Federal Sign System	Shades	10 66
C 1511	do.	School Loom Co.	Loom	4 16
C 1512	do.	Shapleigh Hardware Co.	Cabinet	22 50
C 1513	do.	The Inner Braced Furniture Co.	Chair	3 96
C 1514	do.	Peck & Hills Furniture Co.	Filing case	33 42
C 1515	do.	E. B. Treat & Co.	Books	12 00
C 1516	do.	Morse Twist Drill & Machine Co.	Drill	16 85
C 1517	do.	Geo. Strode	Awning	5 25
C 1518	do.	Armstrong Bros. Tool Co.	Tool holder	9 91
C 1519	do.	Macbeth-Evans Glass Co.	Glass	15 45
C 1520	do.	Pay roll	May, 1915	666 66
		Rice, G. B.	Salary	\$250 00
		White, J. M.	do.	416 66
C 1521	do.	Pay roll	May, 1915	908 33
		Havens, C. H.	Salary	\$125 00
		Murphy, Morris	do.	110 00
		Oberdorfer, H. D.	do.	208 33
		Showers, T. J.	do.	125 00
		Towne, L. J.	do.	200 00
		Wright, G. M.	do.	140 00
C 1522	May 14	Eimer & Amend	Thermometers	85 40
C 1523	do.	The American Well Works	Motor	150 00
C 1524	do.	General Electric Co.	do.	54 00
C 1525	do.	The Globe-Wernicke Co.	Office equipment	38 80
C 1526	do.	Leavitt Mfg. Co.	Coal washer	180 19
C 1527	do.	The Monarch Engineering & Mfg. Co.	Tilting furnace	135 00
C 1528	do.	E. H. Sargent & Co.	Laboratory supplies	98 75
C 1529	do.	Huff Electric Separator Co.	Plumb jig	50 00
C 1530	do.	L. E. Knott Apparatus Co.	Sanograph	25 00
C 1531	do.	The Prest-O-Lite Co.	Prest-O-Lite apparatus	91 41
C 1532	do.	Marshall & Huschart Machine Co.	Crank shaper	450 00
C 1533	do.	B. C. Ames Co.	Gauge heads	57 25
C 1534	do.	The L. Beckmann Co.	Arch level	72 00
C 1535	May 15	L. E. Knorr, Assistant Comptroller	General labor	1 05
C 1536	do.	L. E. Knorr, Assistant Comptroller	Student labor	8 20
C 1537	May 17	Swartz Electric Shop	Lamp	22 00
C 1538	do.	P. B. Wilson	Map	6 00
C 1539	do.	Weil Brothers	Pump	3 92
C 1540	do.	L. Wolff Mfg. Co.	Building equipment	13 29
C 1541	do.	The Babcock & Wilcox Co.	Downtake	11 50
C 1542	do.	The Emil Greiner Co.	Oxidase apparatus	7 98
C 1543	do.	The Gym Store	Tennis nets	18 00
C 1544	May 19	The Globe-Wernicke Co.	Filing case	16 88
C 1545	do.	Peck & Hills Furniture Co.	Chiffonier	13 46
C 1546	do.	Montgomery Ward & Co.	Sprayer	3 30
C 1547	do.	W. & L. E. Gurley	Arch rods	32 00
C 1548	do.	Geo. Strode	Awnings	67 50
C 1549	do.	South Bend Lathe Works	Lathes and etc.	251 19
C 1550	do.	The Leeds & Northrup Co.	Galvanometer	90 60
C 1551	do.	General Electric Co.	Electrical supplies	245 04
C 1552	do.	E. W. Kirby Auto Co.	Autos	1,020 00
C 1553	do.	Mrs. J. H. Pettit	Books	27 50
C 1554	do.	G. E. Stechert & Co.	do.	166 28
C 1555	do.	Julius H. Greenstone	do.	14 50
C 1556	do.	Ft. Wayne Electric Works of G. E.	Direct current motor	52 44
C 1557	do.	F. M. Leslie	Picture frames	25 95
C 1558	do.	Creamery Package Mfg. Co.	Cabinet	19 80
C 1559	do.	T. H. Flood & Co.	Books	2 02
C 1560	do.	P. D. Foster	Folio cases	85 00
C 1561	do.	Oxweld Acetylene Co.	Acetylene apparatus	150 00
C 1562	do.	Eimer & Amend	Petterson & Pal. apparatus and A. A. Psychrometer	120 17
C 1563	May 22	The Globe-Wernicke Co.	Globe-Wernicke	17 85
C 1564	do.	H. J. Springer	Slides	10 40

## BUILDINGS, LAND AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
<b>1915</b>				
C 1565	May 22	David L. Randall	Graphic diet calculator	\$ 1 50
C 1566	do.	C. L. Gustafson	Traveling expense	10 04
C 1567	May 24	F. M. Leslie	Picture frames	7 25
C 1568	do.	Eimer & Amend	Laboratory apparatus	224 61
C 1569	do.	The Globe Wernicke Co.	Office equipment	117 77
C 1570	do.	W. E. Beal	Building material	442 00
C 1571	do.	Rud Haman	Red Fox	20 00
C 1572	do.	James B. Dibelka	Blue printing	17 75
C 1573	do.	Taylor Hardware Co.	Rubber hose	6 00
C 1574	do.	Wesco Supply Co.	Transformer	1 49
C 1575	do.	The Leeds & Northrup Co.	Illuminometer	166 85
C 1576	do.	The Horace Partridge Co.	Bk. Exib. Clubs	1 82
C 1577	do.	General Electric Co.	Electrical supplies	8 72
C 1578	do.	Kaufel & Esser Co.	Surveying chain	5 60
C 1579	do.	Charles Mollet	Copper bath	25 05
C 1580	do.	W. D. Fairchild	Lantern slides	16 75
C 1581	do.	Montgomery Ward & Co.	Pump and couplings	15 50
C 1582	do.	E. H. Sargent & Co.	Colorimeter	19 19
C 1583	do.	Wm. Gaertner & Co.	Reading lamp	5 50
C 1584	do.	Hodges, Figgis & Co.	Books	89 77
C 1585	do.	Fernando F. e.	do.	43 95
C 1586	do.	A. Hermann fils	Annuals	44 50
C 1587	May 26	E. P. Dutton & Co.	Books	56 81
C 1588	do.	The Willis Music Co.	do.	10 86
C 1589	do.	Paul Gottschalk	do.	1 42
C 1590	do.	Joseph Baer & Co.	do.	2 03
C 1591	do.	J. Terquem	do.	12 92
C 1592	do.	T. J. Fitzpatrick	do.	51 96
C 1593	do.	Ernst Hertzberg & Son	do.	457 16
C 1594	do.	William J. Gerhard	do.	35 59
C 1595	do.	Goodspeed's Book Shop	do.	205 35
C 1596	do.	A. C. McClurg & Co.	do.	208 07
C 1597	do.	The Arthur H. Clark Co.	do.	269 35
C 1598	do.	Oliver Ditsun Co.	do.	6 00
C 1599	do.	The American Institute of Metals	do.	2 50
C 1600	do.	U. P. James, Bookseller	do.	3 87
C 1601	do.	H. Martineau-Lamb	do.	123 96
C 1602	do.	J. M. Hanson-Bennett Magazine Agency	Magazines	23 40
C 1603	do.	Michigan Book & Magazine Co.	do.	6 50
C 1604	do.	The University of Illinois Supply Store	Books	6 76
C 1605	do.	Geo. W. Sparger	Newspapers	60 00
C 1606	do.	National Municipal League	Books	2 50
C 1607	do.	Statute Law Book Co.	Journals	12 00
C 1608	do.	Rand, McNally & Co.	Books	5 40
C 1609	do.	Noah Farnham Morrison	do.	4 81
C 1610	do.	The Cadmus Book Shop	do.	237 61
C 1611	do.	Bancroft-Whitney Co.	do.	7 25
C 1612	do.	Julius H. Greenstone	do.	11 85
C 1613	do.	The Macmillan Co.	do.	9 50
C 1614	do.	John Wiley & Sons	do.	15 20
C 1615	do.	C. W. Ritter	do.	54 00
C 1616	do.	Ernest Dressel North	do.	57 45
C 1617	do.	The Boston Book Co.	do.	44 97
C 1618	do.	New York Botanical Garden	do.	1 50
C 1619	do.	The Torch Press Book Shop	do.	5 46
C 1620	do.	Augustana Book Concern	do.	11 40
C 1621	do.	S. Druckerman	do.	3 00
C 1622	do.	Thomas B. Mosher	do.	55 00
C 1623	do.	German American Historical Society	do.	36 80
C 1624	do.	Walter M. Hill	Bulletins	69 63
C 1625	do.	C. S. Hook	Books	11 50
C 1626	do.	Charles Evans	do.	15 00
C 1627	do.	Penn. Electric Assn	do.	5 00
C 1628	do.	Benj. M. Read	do.	2 15
C 1629	do.	Amos Poe	do.	1 00
C 1630	do.	Houghton Mifflin Co.	do.	35 33
C 1631	do.	Sangamon County Abstract Co.	Plat book	12 50
C 1632	do.	Museum of Cooperative Zoology	Books	100 00
C 1633	do.	Hartford Seminary Press	do.	28 00
C 1634	do.	J. A. Burlingame & Co.	do.	22 95
C 1635	do.	Himebaugh & Browne	do.	25 25
C 1636	do.	The Engberg-Holmberg Publishing Co.	do.	13 65
C 1637	do.	William J. Campbell	do.	7 50
C 1638	do.	N. J. Bartlett & Co.	do.	4 82
C 1639	do.	Cornell Veterinarian	do.	3 50
C 1640	do.	A. L. A. Publishing Board	do.	9 24



## BUILDINGS, LAND AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	T	For what.	Amount.
	1915			
C 1641	May 26	Henry Malkan	Books	\$ 46 00
C 1642	do.	G. E. Stechert & Co.	do.	777 39
C 1643	May 27	Lansing Co.	Malt barrows	7 92
C 1644	do.	J. G. Cherry Co.	Pasteurizer	462 81
C 1645	do.	Peck & Hills Furniture Co.	Rocker	3 41
C 1646	do.	Frank S. Betz Co.	Seale	11 50
C 1647	do.	Bausch & Lomb Optical Co.	Microtine	36 00
C 1648	do.	Iowa House Furniture Co.	Globe-Wernicke	15 33
C 1649	do.	Louis A. Wangler	do.	11 67
C 1650	do.	American Contractor	Advertising bids	8 10
C 1651	do.	James B. Dibelka	Blue printing	6 16
C 1652	do.	Crane Co.	Pipes and ellis	108 63
C 1653	do.	Alberene Stone Co.	Stone tops	26 46
C 1654	do.	Thos. Conron Hardware Co.	Galv. Net No. 16	41 03
C 1655	do.	McGraw-Hill Book Co.	Books	1 70
C 1656	do.	Henry Malkan	do.	5 25
C 1657	do.	Himebaugh & Browne	do.	29 20
C 1658	do.	J. M. Hanson-Bennett Magazine Agency	Magazine	6 50
C 1659	do.	Robert Rutter & Son	Books	2 52
C 1660	do.	Henry Kraemer	do.	4 25
C 1661	do.	The Architectural Store	Sketches	2 50
C 1662	do.	W. Lewis & Co.	Shades	11 80
C 1663	do.	C. J. Welch	Concrete pier	218 00
C 1664	do.	General Electric Co.	Rheostats	256 64
C 1665	do.	S. E. Dillavou	Machinery	68 00
C 1666	do.	Bausch & Lomb Optical Co.	Condenser	6 50
C 1667	do.	Leavitt Mfg. Co.	Drum apparatus	11 54
C 1668	do.	C. H. Stoelting Co.	Laboratory supplies	54 20
C 1669	do.	New York Blower Co.	Contract	4,000 00
C 1670	do.	L. E. Knorr, Assistant Comptroller	General labor	387 05
C 1671	May 28	G. E. Stechert & Co.	Books	97 59
C 1672	do.	Ernst Hertzberg & Sons	do.	81 62
C 1673	do.	Lemcke & Buechner	do.	66 78
C 1674	do.	A. C. McClurg & Co.	do.	25 51
C 1675	do.	Remington Typewriter Co.	Typewriter	40 50
C 1676	do.	Northwestern Furniture Co.	Globe-Wernicke	5 25
C 1677	do.	Joens & Laughlin Steel Co.	Testing apparatus	93 03
C 1678	do.	Geo. B. Carpenter & Co.	Cylinders	7 94
C 1679	do.	Keuffel & Esser Co.	Sliderrules	6 41
C 1680	do.	The Burr Co.	Cube molds	20 10
C 1681	do.	Weston Electric Instrument Co.	Volmeter	47 04
C 1682	do.	Wm. Powell Co.	Air gun	1 43
C 1683	do.	J. M. Hansen-Bennett Magazine Agency	Magazines	4 00
C 1684	do.	D. H. Lloyd	Dictionary	2 70
C 1685	do.	S. E. Dillavou	Corn planter	42 00
C 1686	do.	Carl H. Reuter	Multiplying machine	220 00
C 1687	May 29	Taylor Hardware Co.	Bolts	38 30
C 1688	do.	Cameron Schroth Co.	Pipe cutters and dies	65 87
C 1689	do.	Chicago Medical Book Co.	Books	25 72
C 1690	do.	Educational Aid Society	Directory	1 00
C 1691	do.	Bausch & Lomb Optical Co.	Laboratory apparatus	23 95
C 1692	do.	Ernest E. Marks Co.	Anatomical preparations	55 65
C 1693	do.	Marshall Field & Co.	Linoleum	7 10
C 1694	do.	Spencer Lens Co.	Lamp	3 49
C 1695	do.	B. Login & Son	Books	33 42
C 1696	do.	Rockefeller Institute for Medical Research	do.	24 00
C 1697	do.	Cleveland Press	do.	6 00
C 1698	do.	Machinists' Supply Co.	Post drills	28 60
C 1699	do.	Reed Mfg. Co.	Reed vise	11 40
C 1700	do.	F. M. Leslie	Picture frames	15 00
C 1701	do.	Westinghouse Electric & Mfg. Co.	Balancer set	143 78
C 1702	do.	Williams & Wilkins Co.	Books	24 00
C 1703	do.	American Ironing Machine Co.	Cy Simplex and base	81 90
C 1704	do.	Charles Yokel & Sons	Glass press	49 00
C 1705	do.	P. P. Caproni & Bro.	Museum specimen	367 50
C 1706	do.	W. D. Fairchild	Lantern slides	21 10
C 1707	do.	Architectural Book Publishing Co.	Books	4 05
C 1708	do.	J. M. Hanson-Bennett Magazine Agency	do.	2 25
C 1709	do.	The Weis Mfg. Co.	Office supplies	6 90
C 1710	do.	C. M. Dorris	Cement	77 37
C 1711	do.	T. L. Harrington	Pump and hose	16 75
C 1712	do.	The Tablet & Ticket Co.	Bulletin board	49 07
C 1713	do.	The Hendey Machine Co.	Lathe, C. R.	564 00
C 1714	do.	G. E. Stechert & Co.	Books	10 00
C 1715	do.	Paul Gottschalk	do.	3 65
C 1716	do.	Peck & Hills Furniture Co.	Chairs and desk	56 00
C 1717	do.	Sanitarium Equipment Co.	Douche apparatus	39 00
C 1718	May 31	The Book Shop Bindery	Books	75 50

## BUILDINGS, LAND AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1915			
C 1719	May 31	Otto Lange.....	Books.....	\$ 7 75
C 1720	..do...	Ermanno Liescher & Co.....	..do.....	18 04
C 1721	..do...	Bjorck & Bayesson.....	..do.....	6 20
C 1722	..do...	Martinus Nijhoff.....	..do.....	4 86
C 1723	..do...	Henry Stevens, Son & Stiles.....	..do.....	11 78
C 1724	..do...	Chemical Metallurgical & Mining Society of South Africa.....	..do.....	65 76
C 1725	..do...	Thomas Thorp.....	..do.....	89 41
C 1726	..do...	David Nutt.....	..do.....	7 74
C 1727	..do...	George Harding.....	..do.....	15 90
C 1728	..do...	Francis Edwards.....	..do.....	12 63
C 1729	..do...	Karl W. Hiersemann.....	..do.....	16 55
C 1730	..do...	Adolf Weizel.....	..do.....	5 17
C 1731	..do...	Otto Harrassowitz.....	..do.....	4 25
C 1732	..do...	Gustav Fock.....	..do.....	4 23
C 1733	..do...	W. Hoffer & Sons, Ltd.....	..do.....	10 67
C 1734	..do...	John Davis.....	..do.....	17 90
C 1735	..do...	Henry Maklan.....	..do.....	1 00
C 1736	..do...	Braun & Co.....	Carbon print.....	3 75
C 1737	..do...	Geo. B. Carpenter.....	Awning.....	13 85
C 1738	..do...	Pickering & Chatto.....	Books.....	35 16
C 1739	June 3	Twin City Roofing Co.....	Tin roofing.....	136 80
C 1740	..do...	The Western Gas Fixture Co.....	Electrical supplies.....	82 62
C 1741	..do...	General Electric Co.....	..do.....	159 22
C 1742	..do...	John B. Bennett.....	Pipes and bends.....	50 85
C 1743	..do...	Manhattan Electrical Supply Co.....	Cable.....	163 89
C 1744	..do...	The New York Blower Co.....	Heater casings.....	449 00
C 1745	..do...	Taylor Hardware Co.....	Building material.....	17 00
C 1746	..do...	The Ludlow Valve Mfg. Co.....	Valves.....	21 12
C 1747	..do...	Geo. Strode.....	Awning.....	12 00
C 1748	..do...	Illinois Central Ry. Co.....	Freight.....	9 97
C 1749	..do...	Big Four R. R. Co.....	..do.....	2 73
C 1750	..do...	Pay roll.....	May, 1915.....	1,409 15
		Barnes, V. R.....	Salary.....	\$ 90 40
		Brannagan, John.....	..do.....	76 48
		Crathorne, F.....	..do.....	84 82
		Fender, Fred.....	..do.....	90 30
		Fiscus, John C.....	..do.....	90 80
		Fox, Guy.....	..do.....	75 67
		Hill, Charles.....	..do.....	96 76
		Langhoff, A.....	..do.....	85 15
		Myers, Jesse.....	..do.....	60 26
		Smith, W. J.....	..do.....	124 23
		Templin, William.....	..do.....	75 38
		Bernard, L. C.....	..do.....	75 25
		Boyer, W. H.....	..do.....	95 00
		Munson, Morris G.....	..do.....	55 65
		Lescher, F. M.....	..do.....	90 00
		Bevis, A.....	..do.....	143 00
C 1751	..do...	Pay roll.....	May, 1915.....	1,327 64
		Booker, A. J.....	Salary.....	\$ 90 00
		Casad, J. G.....	..do.....	120 00
		Clancy, Frank.....	..do.....	109 12
		Craig, J. D.....	..do.....	86 40
		Gundloch, Charles.....	..do.....	86 00
		Kriegel, Otto.....	..do.....	25 20
		Miller, J. H.....	..do.....	106 86
		Sandwell, Martin.....	..do.....	90 00
		Stratton, Elmer.....	..do.....	76 33
		Vandiventer, J. H.....	..do.....	90 80
		Wilson, Wesley.....	..do.....	90 00
		Wright, Amos.....	..do.....	93 60
		Math, E. R.....	..do.....	133 33
		Gustafson, C. L.....	..do.....	130 00
C 1752	June 5	Zita L. Olcott.....	Laboratory apparatus.....	216 00
C 1753	..do...	The Carwell Co.....	Books.....	24 72
C 1754	..do...	Statute Law Book Co.....	..do.....	3 75
C 1755	..do...	T. H. Flood & Co.....	..do.....	116 94
C 1756	..do...	The Burr Co.....	Door and frame.....	4 50
C 1757	..do...	Ward's Natural Science Establishment.....	Slides.....	1 75
C 1758	..do...	R. R. Street & Co.....	Spooler.....	2 00
C 1759	..do...	Kinzie Mfg. Co.....	Blackboard.....	18 00
C 1760	..do...	Classical Assn. of Middle West & South.....	Table.....	4 00
C 1761	..do...	Niles-Bement-Bond Co.....	Staty. forge.....	18 80
C 1762	..do...	Edison Storage Battery Co.....	Mine lamp.....	7 53
C 1763	..do...	St. Louis Biological Laboratory.....	Microscope slides.....	21 17
C 1764	..do...	Howell's Miscrocosm.....	Relief map.....	125 00
C 1765	..do...	Peck & Hills Furniture Co.....	Mirror.....	44 10

## BUILDINGS, LAND AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1915			
C 1766	June 5	Chicago Pump Co.	Pump	\$ 132 06
C 1767	..do.	The H. & M. Div-Taylor Instrument Co.	Thermometers	60 49
C 1768	..do.	Keystone Meter Co.	Brass tank	285 00
C 1769	..do.	Canada Law Book Co.	Law reports	7 00
C 1770	..do.	Boston Book Co.	Reprint	5 00
C 1771	..do.	Illinois Book Exchange	Books	30 00
C 1772	..do.	C. V. Ritter	..do.	1 00
C 1773	..do.	The Carson-Payson Co.	Pipe material	331 92
C 1774	..do.	Callaghan & Co.	Books	7 50
C 1775	..do.	The American Law Book Co.	..do.	5 00
C 1776	..do.	Lawyers Co-operative Publishing Co.	..do.	7 50
C 1777	..do.	L. E. Knorr, Assistant Comptroller	Student labor	6 30
C 1778	..do.	H. B. Underwood & Co.	Spec. Loco Cyl	315 00
C 1779	..do.	Jas. Clark, Jr. Electric Co.	Electric drill	68 60
C 1780	June 8	Eastern Moline Plow Co.	Machinery	95 85
C 1781	..do.	C. L. Gustafson	Traveling expense	12 72
C 1782	..do.	Elmer & Amend	Burettes and pipettes	19 53
C 1783	..do.	James M. White	Traveling expense	18 97
C 1784	..do.	Cooper Hewitt Electric Co.	Quartz tubes	22 00
C 1785	..do.	Sears, Roebuck & Co.	Safe	34 68
C 1786	..do.	W. P. Davis Machine Co.	Keyseat cutter	2 61
C 1787	..do.	Hydraulic Press Mfg. Co.	Triplex pump	245 00
C 1788	..do.	Hoskins Mfg. Co.	Hot plate	5 30
C 1789	..do.	Thordarson Electric Mfg. Co.	Transformer	19 60
C 1790	..do.	Peck & Hills Furniture Co.	Arm chairs	26 46
C 1791	..do.	Taylor Hardware Co.	Formers	23 00
C 1792	..do.	Roller-Smith Co.	Voltmeters	31 45
C 1793	..do.	Buffalo Scale Co.	Scales	224 00
C 1794	..do.	Parlin & Orendorff Co.	Machinery	32 50
C 1795	..do.	Duparquet, Hust & Moneuse Co.	Autoclave	244 76
C 1796	..do.	E. V. Kirby Auto Co.	Ford car	510 00
C 1797	..do.	Hunter Rourke & Co.	Generator platform	6 25
C 1798	..do.	Walrus Mfg. Co.	Glass case	138 80
C 1799	..do.	D. H. Lloyd	Filing equipment	128 40
C 1800	..do.	English Brothers	Contract	8,670 76
C 1801	..do.	R. Friedlander & Son	Books	8 17
C 1802	June 9	G. E. Stechert & Co.	..do.	2 54
C 1803	..do.	The University of Illinois Supply Store	Gray's manual	90 00
C 1804	..do.	Bausch & Lomb Optical Co.	Asphalt	19 25
C 1805	..do.	E. H. Sargent & Co.	Pencetrometer	61 08
C 1806	..do.	The Braum Corporation	Pulverizer	100 00
C 1807	..do.	Engineering Model Works	Mine model	45 00
C 1808	..do.	Mosher & Enloe	Cement	30 80
C 1809	..do.	Carson Pirie Scott & Co.	Rug	45 00
C 1810	..do.	Freidenker Publishing Co.	Books	1 10
C 1811	..do.	Illinois Traction System	Repair work	562 20
C 1812	..do.	C. S. Crandall	Books	85 00
C 1813	June 10	Alexander Lumber Co.	Lumber	389 85
C 1814	..do.	The Creamery Package Mfg. Co.	Laboratory apparatus	778 79
C 1815	..do.	Marrs-Tanner Electric Co.	Contract	1,900 77
C 1816	..do.	Chicago Belting Co.	Belting	27 72
C 1817	..do.	Freeman & Brooks	Contract	11,387 82
C 1818	..do.	The Trus-Con Laboratories	Laboratory apparatus	172 22
C 1819	..do.	National X Ray Reflector Co.	Reflectors	838 50
C 1820	..do.	The Robbins & Myers Co.	Motor	20 00
C 1821	..do.	John H. Doyle	Roofing	44 00
C 1822	..do.	F. M. Leslie	Picture frame	1 00
C 1823	..do.	A. L. Klank	Sealer	17 50
C 1824	..do.	Machinist Supply Co.	Round brass	65 05
C 1825	June 11	A. Kroch & Co.	Books	417 28
C 1826	..do.	G. E. Stechert & Co.	..do.	135 22
C 1827	..do.	S. E. Huff & Co.	Pine	61 00
C 1828	..do.	New Jersey School-Church Furniture Co.	Cabinets	68 43
C 1829	..do.	Crane Co	Pipes and flanges	183 24
C 1830	..do.	Taylor Hardware Co.	Locks	26 70
C 1831	..do.	The Western Roofing & Supply Co.	Magnesia covering	21 60
C 1832	..do.	Spencer Lens Co.	Stands	263 40
C 1833	..do.	L. T. Brownfield	Mower	45 00
C 1834	..do.	W. D. Fairchild	Lantern slides	7 35
C 1835	..do.	The Caldwell Co.	Gas tubing	1 20
C 1836	..do.	F. M. Leslie	Picture frame	1 50
C 1837	..do.	The Globe-Wernicke Co.	Files	42 47
C 1838	..do.	Albert E. Wusteman	Knives and forks	28 50
C 1839	..do.	Chicago Medical Book Co.	Books	5 85
C 1840	June 12	A. C. McClurg & Co.	..do.	563 41
C 1841	..do.	The Macmillan Co.	..do.	17 10
C 1842	..do.	Statute Law Book Co.	..do.	103 00
C 1843	..do.	Ernst Hertzberg & Sons	..do.	321 58

## BUILDINGS, LAND AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
<b>1915</b>				
C 1844	June 12	G. E. Stechert & Co	Books	\$ 684 69
C 1845	do.	The International News Co.	do.	65 61
C 1846	do.	E. Steiger & Co.	do.	10 35
C 1847	do.	S. Druckerman	do.	7 81
C 1848	do.	The Arthur H. Clark Co.	do.	37 50
C 1849	do.	Paul Gottschalk	do.	41 13
C 1850	do.	The Cadmus Book Shop	do.	78 25
C 1851	do.	Psychological Review Co.	do.	4 00
C 1852	do.	University of Illinois Supply Store	do.	4 95
C 1853	do.	Russel & Erwin Co.	Hardware furnished the Univer-	
			sity.	1,000 00
C 1854	June 13	Machinist Supply Co.	Crane and hoist.	78 00
C 1855	do.	Gilson Mfg. Co.	E. Engine.	25 00
C 1856	do.	John R. Nelson	Goggles.	3 00
C 1857	do.	The Ludlow Valve Mfg. Co.	Valves.	51 34
C 1858	do.	U. S. Reduction Co.	Pig lead.	36 95
C 1859	do.	James B. Clow & Sons	Tees and plugs.	57 71
C 1860	do.	Geo. B. Carpenter & Co.	Jute packing.	2 50
C 1861	do.	U. S. Cast Iron Pipe & Foundry Co.	Pipes.	298 95
C 1862	do.	U. S. Blue Print Paper Co.	Drawing table.	23 25
C 1863	do.	North Bangor Slate Co.	Blackboard.	28 11
C 1864	do.	Fairbanks, Morse & Co.	Truck.	11 88
C 1865	do.	F. M. Leslie.	Frame for model.	6 50
C 1866	do.	The Globe-Wernicke Co.	Filing case.	5 25
C 1867	do.	The A. I. Root Co.	Bee colony.	21 45
C 1868	do.	Alexander Lumber Co.	Lumber.	81 00
C 1869	do.	Eugene Dietzgen Co.	Laboratory apparatus.	95 29
C 1870	do.	D. H. Lloyd.	Reports units.	37 64
C 1871	do.	The Aluminum Cooking Utensil Co.	Laboratory apparatus.	83 07
C 1872	do.	Butte & Superior Copper Co.	Test machine.	55 00
C 1873	do.	Multiplex Display Fixture Co.	Multiplex fixture with fillers.	89 00
C 1874	do.	General Electric Co.	Electrical supplies.	265 00
C 1875	do.	Western Electrical Instrument Co.	Wattmeters.	399 84
C 1876	do.	Wagner Electric Mfg. Co.	Transformers.	150 00
C 1877	June 15	Pay roll.	June, 1915.	666 66
		Rice, G. B.	Salary.	\$250 00
		White, J. M.	do.	416 66
C 1878	do.	Pay roll.	June, 1915.	908 33
		Havens, C. H.	Salary.	\$125 00
		Murphy, Morris.	do.	110 00
		Oberdorfer, H. D.	do.	208 33
		Showers, T. J.	do.	125 00
		Towne, L. J.	do.	200 00
		Wright, G. E.	do.	140 00
C 1879	do.	G. E. Stechert & Co.	Books	1,056 14
C 1880	do.	The Boston Book Co.	do.	20 15
C 1881	do.	G. Broes Van Dort Co.	do.	1,235 35
C 1882	do.	Goodspeed's Book Shop.	do.	12 50
C 1883	do.	Julius H. Greenstone.	do.	8 52
C 1884	do.	A. C. McClurg & Co.	do.	632 71
C 1885	do.	Ernst Hertzberg & Sons.	do.	370 73
C 1886	do.	American Book Co.	do.	143 23
C 1887	do.	The Arthur H. Clark Co.	do.	36 10
C 1888	do.	J. B. Lippincott Co.	do.	1 00
C 1889	do.	P. M. Barnard, M. A.	do.	9 80
C 1890	do.	Henry Sotheran & Co.	do.	1 35
C 1891	do.	B. Login & Son.	do.	126 47
C 1892	do.	Ritter & Flebbe.	do.	171 40
C 1893	do.	C. S. Hook.	do.	24 00
C 1894	do.	A. L. A. Publishing Board.	do.	13 75
C 1895	do.	Frederick F. Sherman.	do.	21 00
C 1896	do.	The Willis Music Co.	do.	1 29
C 1897	do.	E. Steiger & Co.	do.	1 27
C 1898	do.	Art Metal Construction Co.	do.	30 75
C 1899	do.	Hispanic Society of America.	do.	735 17
C 1900	do.	Glasgow, Brook & Co.	do.	1 50
C 1901	do.	John Carter Brown Library.	do.	18 00
C 1902	June 17	Manhattan Electric Co.	Cable.	186 00
C 1903	do.	Ernst Hertzberg & Sons.	Books.	37 33
C 1904	do.	Pittsburgh Plate Glass Co.	Glass.	569 18
C 1905	do.	A. C. McClurg & Co.	Books.	9 00
C 1906	do.	G. E. Stechert & Co.	do.	119 48
C 1907	do.	Alberene Stone Co.	Stone.	15 84
C 1908	do.	W. Lewis & Co.	Shades.	23 00
C 1909	do.	Electric Appliance Co.	Brackets.	2 77
C 1910	do.	The Western Roofing & Supply Co.	Woolfelt covering.	10 54
C 1911	do.	T. H. Flood & Co.	Books.	6 30
C 1912	do.	The Cadmus Book Shop.	do.	86 25

## BUILDINGS, LAND AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1915			
C 1913	June 17	Kellogg Switchboard & Supply Co.	Transmitters.	\$ 29 90
C 1914	do.	Hunter Rourke & Co.	Cypress	30 34
C 1915	do.	Reliable Plumbing & Heating Co.	Contract.	2,033 30
C 1916	June 18	Pickering & Chatto.	Books	84 10
C 1917	do.	S. E. Huff & Co.	Lumber	41 30
C 1918	do.	Edw. G. Allen & Son.	Books	3 48
C 1919	do.	Leo. S. Olschki.	do.	84 00
C 1920	do.	Libreria Samonati.	do.	7 54
C 1921	do.	Loeschner & Co.	do.	164 26
C 1922	do.	Fernando Fe.	do.	6 46
C 1923	do.	Ch. Chadenat.	do.	9 59
C 1924	do.	Gustav Fock.	do.	1 03
C 1925	do.	R. Friedlander & Son.	do.	2 23
C 1926	do.	Karl W. Hersemann.	do.	11 67
C 1927	do.	P. J. & A. E. Dobell.	do.	5 32
C 1928	do.	Hodges, Figgis & Co.	do.	97 10
C 1929	do.	Francis Edwards.	do.	2 16
C 1930	do.	Henry Sotheran & Co.	do.	8 10
C 1931	do.	F. M. Barnard.	do.	5 70
C 1932	do.	Thomas Baker.	do.	25 62
C 1933	do.	W. Heffer & Sons.	do.	27 03
C 1934	June 19	The W. S. Tyler Co.	Scale sieves.	42 31
C 1935	do.	D. H. Lloyd.	Filing furniture.	457 52
C 1936	do.	Hodges, Figgis Co.	Books	178 81
C 1937	do.	Reliable Plumbing & Heating Co.	Building material.	65 11
C 1938	do.	C. N. Clark & Co.	Granite samples.	67 00
C 1939	do.	General Electric Co.	Air compressor.	140 00
C 1940	do.	M. B. Bull.	3-Sept. Drag.	17 00
C 1941	do.	Peck & Hills Furniture Co.	Letter file.	29 65
C 1942	do.	The Globe-Wernicke Co.	Office equipment.	25 71
C 1943	do.	The Gym Store.	Duelling swords.	8 50
C 1944	do.	Spencer Lens Co.	Camera Lucidas.	36 00
C 1945	do.	Simplex Electric Heating Co.	Electric stoves.	19 88
C 1946	do.	Electric Appliance Co.	Induction motor.	17 05
C 1947	do.	L. M. Post.	Plane tables.	50 96
C 1948	do.	Marrs-Tanner Electric Co.	Circuit panels.	16 30
C 1949	do.	H. W. Johns-Manville Co.	Asbestos booth.	80 00
C 1950	do.	Ft. Wayne Electric Works of G. E. Co.	Rheostats.	48 60
C 1951	June 22	The John Clark Co.	Nursery stock.	7 50
C 1952	do.	E. Steiger & Co.	Books.	2 00
C 1953	do.	The Holland Society of N. Y.	do.	6 00
C 1954	do.	Julius H. Greenstone.	do.	3 45
C 1955	do.	Koelling & Klappenbach.	do.	12 40
C 1956	do.	Belleville Public Library.	Newspapers.	65 00
C 1957	do.	A. L. A. Publishing Board.	Books.	2 00
C 1958	do.	Statute Law Book.	Journal.	12 00
C 1959	do.	Bibliotheca Sacra Co.	Books.	58 18
C 1960	do.	G. Broes Van Dort Co.	do.	757 95
C 1961	do.	Commonwealth Edison Co.	Lighting.	213 91
C 1962	do.	J. Terquem.	Books.	293 83
C 1963	do.	Ernst Hertzberg & Sons.	do.	171 15
C 1964	do.	G. E. Stechert & Co.	do.	716 28
C 1965	do.	A. C. McClurg & Co.	do.	7 29
C 1966	do.	C. Gerhardt & Co.	do.	74 40
C 1967	do.	The Baker & Taylor Co.	do.	17 60
C 1968	do.	Canadian National Live Stock Records.	do.	2 00
C 1969	do.	C. N. Casper.	do.	6 10
C 1970	do.	The Cadmus Book Shop.	do.	57 50
C 1971	June 23	Air Moistener Co.	Air moisture.	10 80
C 1972	do.	V. Mueller & Co.	Incubator.	16 65
C 1973	do.	L. C. Layson.	Books.	44 00
C 1974	do.	G. E. Stechert & Co.	do.	120 00
C 1975	do.	Norges Geografiske Opmaalng.	do.	23 89
C 1976	do.	Chicago Medical Book Co.	do.	8 15
C 1977	do.	A. Kroch & Co.	do.	5 65
C 1978	June 24	The Globe-Wernicke Co.	Globe-Wernicke.	141 50
C 1979	do.	Peck & Hills Furniture Co.	Chairs and tables.	501 47
C 1980	do.	T. H. Flood & Co.	Books.	198 53
C 1981	do.	The Arthur H. Clark Co.	do.	11 22
C 1982	do.	The University of Illinois Supply Store.	Contract.	7 20
C 1983	do.	Industrial Heating & Engineering Co.	Contract.	3,024 30
C 1984	do.	Statute Law Book Co.	Books.	234 00
C 1985	do.	The Carswell Co.	do.	128 10
C 1986	do.	McGraw-Hill Book Co.	do.	2 70
C 1987	do.	A. C. McClurg & Co.	do.	4 99
C 1988	do.	H. A. Greiner.	Blueprint machine.	40 00
C 1989	do.	S. A. Courtis.	Courtis tests.	54 30
C 1990	do.	Weill Bros.	Boiler.	5 32

## BUILDINGS, LAND AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1915			
C 1991	June 24	D. H. Lloyde	Filing case	\$ 25 28
C 1992	do.	Felt & Tarrant Mfg. Co.	Comptometer	300 00
C 1993	do.	Ruckstahl & Luchs	Inflammability apparatus	150 00
C 1994	do.	The Daily Iliini 914-15	Books	3 50
C 1995	do.	The Western Electric Co.	Motor	51 30
C 1996	do.	Lyon Metallic Mfg. Co.	Cabinets	78 81
C 1997	do.	Geo. B. Carpenter & Co.	Awnings	8 55
C 1998	do.	McIntosh Stereopticon Co.	Bench lanterns	50 40
C 1999	do.	C. A. Klier	Globe-Wernicke	27 36
C 2000	do.	P. D. Foster	Table	14 50
C 2001	do.	Library Bureau	Filing case	28 00
C 2002	do.	Henry Sotheran & Co.	Books	11 67
C 2003	do.	Oswald Weigel	do.	15 66
C 2004	do.	Karl W. Hiersemann	do.	4 64
C 2005	do.	Pickering & Chatto	do.	9 45
C 2006	do.	Charles F. Rousselet	do.	2 05
C 2007	June 26	Leavitt Mfg. Co.	Steel	53 00
C 2008	do.	F. M. Leslie	Mounting charts	6 90
C 2009	do.	John H. Doyle	Drill	3 00
C 2010	do.	Tinius Olsen Testing Machine Co.	Testing machine	1,500 00
C 2011	do.	P. D. Foster	Wall case	76 00
C 2012	do.	Independent Pneumatic Tool Co.	Chipping hammer	34 30
C 2013	do.	Black Diamond Saw & Machine Works	Band saw	70 56
C 2014	do.	Detroit Twist Drill Co.	Speed drill	2 50
C 2015	do.	Walker & Mulliken	Shades	4 60
C 2016	do.	T. H. Craig	Book rack	4 50
C 2017	do.	D. H. Lloyde	Books	14 55
C 2018	do.	General Electric Co.	Generator	195 00
C 2019	do.	Taylor Hardware Co.	Building material	14 65
C 2020	do.	Riehle Bros. Testing Machine Co.	Sieves	36 75
C 2021	do.	Hunter Rourke & Co.	Generator platforms	18 62
C 2022	do.	S. F. Bowser & Co.	Gasoline outfits	134 94
C 2023	do.	Fehr & Cumming	Machinery	63 57
C 2024	do.	Frank Wells	do.	38 00
C 2025	do.	J. C. Setterly	Gravel	18 90
C 2026	do.	Spring Valley Lumber Co.	Lumber	369 40
C 2027	do.	American Seeding Machine Co.	Lime sower	17 50
C 2028	do.	C. A. Bellemey	Machinery	16 75
C 2029	do.	Eugene Dietzgen Co.	Drawing board	1 23
C 2030	do.	McIntosh Stereopticon Co.	Slide files	5 61
C 2031	do.	Shapleigh Hardware Co.	Winchester gun	29 04
C 2032	do.	John T. Prichard	Labor	374 30
C 2033	do.	Burroughs Adding Machine Co.	Adding machine	198 46
C 2034	do.	Reliable Plumbing & Heating Co.	Contract	106 00
C 2035	do.	Construction News Co.	Sealed proposals	4 50
C 2036	do.	The Burr Co.	Cistern rings	6 00
C 2037	do.	Bausch & Lomb Optical Co.	Laboratory apparatus	49 40
C 2038	do.	The Globe-Wernicke Co.	Globe-Wernicke	24 46
C 2039	do.	W. J. Smith	Thermostats	13 30
C 2040	do.	L. D. Powell Co.	Books	45 00
C 2041	do.	General Electric Co.	Electrical supplies	175 00
C 2042	do.	Bullard & Gormley Co.	Machinery	53 02
C 2043	do.	Central Electric Co.	Electrical supplies	1 35
C 2044	do.	Armstrong Bros. Tool Co.	Machinery	38 73
C 2045	do.	Morse Chain Co.	Chain	39 50
C 2046	do.	G. E. Stechert & Co.	Books	1,297 40
C 2047	do.	A. C. McClurg & Co.	do.	744 11
C 2048	do.	Ernst Hertzberg & Sons	do.	451 82
C 2049	do.	Peck & Hills Furniture Co.	Desks and filing case	120 40
C 2050	do.	J. F. Farris	Machinery	266 00
C 2051	do.	J. M. Hanson-Bennett Magazine Agency	Books	13 00
C 2052	do.	Peck & Hills Furniture Co.	Desk and chairs	95 80
C 2053	do.	Bausch & Lomb Optical Co.	Laboratory apparatus	362 70
C 2054	do.	General Electric Co.	Electrical supplies	31 50
C 2055	do.	J. Fischer & Brother	Books	23 83
C 2056	do.	John R. Anderson Co.	do.	26 48
C 2057	do.	Chivers Book Binding Co.	do.	33 44
C 2058	do.	Himebaugh & Browne	do.	40 44
C 2059	do.	E. Steiger & Co.	do.	31 75
C 2060	do.	Henry Malkan	do.	7 50
C 2061	do.	William J. Gerhard	do.	13 00
C 2062	do.	A. J. Huston	do.	1 50
C 2063	do.	N. J. Bartlett & Co.	do.	22 22
C 2064	do.	Drama League of America	Incidentals	2 00
C 2065	do.	The John Clark Co.	Books	220 00
C 2066	do.	Albert Publishing House	do.	81 48
C 2067	do.	Harper & Brothers	do.	10 80
C 2068	do.	Charles E. Lauriat Co.	do.	20 81

## BUILDINGS, LAND AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1915			
C 2069	June 26	G. Broes Van Dort Co.	Books	\$ 8 00
C 2070	do.	The Boston Book Co.	do.	12 75
C 2071	do.	The Essex Institute	do.	20 00
C 2072	do.	Joseph McDonough Co.	do.	21 50
C 2073	do.	New York Times Current History	do.	3 75
C 2074	do.	Law Reporting Co.	do.	90 00
C 2075	do.	Index Office.	Membership fees	5 00
C 2076	do.	Samuel N. Rhoads.	Books	6 64
C 2077	June 29	Freeman & Brooks.	Payment on contract	24,318 25
C 2078	do.	F. C. Jorgeson & Co.	Furniture.	161 00
C 2079	do.	Maas Bros.	Animal cages.	40 00
C 2080	do.	The Willard Storage Battery Co.	Electrical supplies	123 70
C 2081	do.	C. H. Stoelting Co.	Laboratory apparatus and supply	46 09
C 2082	do.	C. H. Besly & Co.	Machinery	365 15
C 2083	do.	Edmond Johnson	Museum specimen	730 00
C 2084	do.	Henry Sotheran & Co.	do.	174 00
C 2085	do.	Fort Wayne Electric Works of General Electric Co.	Motors	104 88
C 2086	do.	Elkington & Co., Ltd.	Museum specimen	172 00
C 2087	do.	Bernard Quaritch	do.	41 00
C 2088	do.	James Tonge.	Machine	120 75
C 2089	do.	Geo. Strode	Awnings	14 25
C 2090	do.	J. C. Thomas.	Building fixtures.	351 45
C 2091	do.	F. M. Leslie.	Photo frame	2 90
C 2092	do.	International Harvester Co. of America	Machinery	268 10
C 2093	do.	Elmer & Amend.	Electric oven.	86 93
C 2094	do.	Library of Congress	Cards.	171 61
C 2095	do.	Kelley Filter Press Co.	Filter press	125 00
C 2096	do.	The C. J. Lundstrom Mfg. Co.	Bookcases	10 79
C 2097	do.	The John Crerar Library	Books	19 50
C 2098	do.	Marshall Field & Co.	Shades.	3 75
C 2099	do.	C. J. Welch	Repairs (contract)	303 54
C 2100	do.	New York Blower Co.	Contract payment	2,000 00
C 2101	do.	English Bros.	do.	10,009 24
C 2102	do.	Reliable Plumbing & Heating Co.	do.	328 66
C 2103	do.	Peck & Hills Furniture Co.	Coat rack.	1 72
C 2104	do.	Bausch & Lomb Optical Co.	Microscopes	310 50
C 2105	do.	Marrs-Tanner Electric Co.	Contract payment	1,194 56
C 2106	do.	The Carswell Co., Ltd.	Books	11 80
C 2107	do.	Koelling & Klappenbach.	do.	16 80
C 2108	do.	Philip Dowell.	do.	4 32
C 2109	do.	Samuel N. Rhoads.	do.	63 77
C 2110	do.	G. W. F. Blanchfield.	do.	4 00
C 2111	do.	McDevitt-Wilson's.	do.	13 75
C 2112	do.	DeWolfe & Fiske Co.	do.	1 24
C 2113	do.	University of Chicago Press	do.	2 25
C 2114	do.	Himebaugh & Browne.	do.	158 40
C 2115	do.	W. W. Nisbet.	do.	12 45
C 2116	do.	A. Kroch & Co.	do.	22 02
C 2117	do.	The Union Library Assn.	do.	2 11
C 2118	do.	Vounegut Book Shop	do.	1 50
C 2119	do.	C. V. Ritter	do.	15 00
C 2120	do.	The Bibliopole.	do.	7 25
C 2121	do.	Thos. J. Taylor.	do.	1 00
C 2122	do.	John E. Scopes & Co.	do.	65 30
C 2123	do.	The Boston Book Co.	do.	1 54
C 2124	do.	Standard Book Co.	do.	5 20
C 2125	do.	The Cadmus Book Co.	do.	1 50
C 2126	do.	William J. Gerhard.	do.	3 03
C 2127	do.	Goodspeed's Book Shop	do.	21 25
C 2128	do.	The Macmillan Co.	do.	26 62
C 2129	do.	John Wiley & Sons, Inc.	do.	6 40
C 2130	do.	J. M. Hanson-Bennett Magazine Agency	Magazines	70 35
C 2131	do.	American Assn. for Labor Legislation.	Books	6 50
C 2132	do.	Noah Farnham Morrison.	do.	16 20
C 2133	do.	E. V. W. Robinson.	do.	2 50
C 2134	do.	A. C. McClurg & Co.	do.	377 18
C 2135	do.	G. B. Stecher & Co.	do.	1,071 47
C 2136	do.	Henry Sotheran & Co.	do.	81 38
C 2137	do.	Otto Lange.	do.	5 50
C 2138	do.	Messrs. Joseph Baer & Co.	do.	3 66
C 2139	do.	P. I. & A. E. Dobell.	do.	4 72
C 2140	do.	George Harding.	do.	2 66
C 2141	do.	Bernard Quaritch.	do.	222 00
C 2142	do.	Pickering & Chatto.	do.	7 45
C 2143	do.	H. Aschehoug & Co.	do.	106 42
C 2144	do.	Messrs. Luzac & Co.	do.	25 85
C 2145	do.	The Carswell Co., Ltd.	do.	568 00

## BUILDINGS, LAND AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1915			
C 2146	June 30	J. Leslie Hall.	Books.	\$ 5 00
C 2147	do.	The American Guernsey Cattle Club.	Index Vol.	5 50
C 2148	do.	The Boston Book Co.	Books.	290 00
C 2149	do.	G. W. Sparger.	New York Herald.	25 00
C 2150	do.	M. S. Emery.	Books.	38 00
C 2151	do.	T. J. Fitzpatrick.	do.	9 56
C 2152	do.	Chas. E. Lauriat Co.	do.	30 15
C 2153	do.	Geo. C. Maynard.	do.	48 05
C 2154	do.	G. E. Stechert & Co.	do.	1, 170 77
C 2155	do.	A. C. McClurg & Co.	do.	738 75
C 2156	do.	The Cadmus Book Co.	do.	234 00
C 2157	do.	The Torch Press Book Shop.	do.	13 88
C 2158	do.	Architectural Book Publishing Co.	do.	49 00
C 2159	do.	The Arthur H. Clark Co.	do.	39 50
C 2160	do.	Ernst Hertzberg & Sons.	do.	74 14
C 2161	do.	John R. Anderson Co.	do.	65 40
C 2162	do.	R. Davis.	do.	13 23
C 2163	do.	The Hispanic Society of America.	do.	10 61
C 2164	do.	D. Gilman.	do.	3 50
C 2165	do.	W. H. Lawdersmills & Co.	do.	14 03
C 2166	do.	Koellings Klappenbach.	do.	2 60
C 2167	do.	G. Broes Van Dort Co.	do.	3 75
C 2168	do.	Regents of the University of California.	Publications.	8 00
C 2169	do.	Willis Music Co.	Music.	1 89
C 2170	do.	G. P. Brett, in care of Macmillan Co.	Books.	5 25
C 2171	do.	John Wiley & Sons.	do.	4 00
C 2172	do.	Walter M. Hill.	do.	2 70
C 2173	do.	A. H. Clark Co.	Publications.	29 50
C 2174	do.	The Boston Book Co.	Books.	275 00
C 2175	do.	Baker, Voorhis & Co.	do.	50 00
C 2176	do.	Canada Law Book Co.	Law reports.	7 00
C 2177	do.	Vermont Bar Assn.	Bar reports.	15 00
C 2178	do.	Obrig Camera Co.	Blueprint supplies.	41 25
C 2179	do.	Wm. H. Staake.	Books.	40 81
C 2180	do.	Arthur H. Clease.	do.	21 00
C 2181	do.	R. R. Bowker Co.	do.	8 00
C 2182	do.	J. Fisher & Bro.	do.	4 10
C 2183	do.	Hispanic Society of America.	do.	13 88
C 2184	do.	William Wesley & Son.	do.	174 05
C 2185	do.	Shippers' Traffic Assn.	do.	20 00
C 2186	do.	Unitt & Wickes.	Museum specimen.	300 00
C 2187	do.	Braum & Co.	Carbon prints.	70 80
C 2188	do.	P. P. Caproni & Bro.	Museum specimen.	42 00
C 2189	do.	Librairie Alphonse Picard.	Books.	14 60
C 2190	do.	Urbana & Champaign Ry., Gas & Electric Co.	Electric iron.	2 50
C 2191	do.	P. D. Foster.	Filing case.	16 00
C 2192	do.	Chas. G. Willoughby.	Blue printing.	36 50
C 2193	do.	G. C. Willis.	Dolly.	17 19
C 2194	do.	Felt & Tarrant Mfg. Co.	Duplicate comptometer.	550 00
C 2195	do.	D. H. Lloyde.	Office equipment.	191 00
C 2196	do.	S. E. Dillavou.	Farm machinery.	37 00
C 2197	do.	Butler Brothers.	Suit case.	12 62
C 2198	do.	The Boston Book Co.	Books.	135 00
C 2199	do.	George Strode.	Awnings.	25 00
C 2200	do.	Gyldendalske Boghandel, Nordisk Forlag.	Books.	69 32
C 2201	do.	William J. Gerhard.	do.	35 00
C 2202	do.	The Cadmus Book Shop.	do.	54 00
C 2203	do.	H. W. Wilson Co.	do.	6 24
C 2204	do.	Shepard Book Co.	do.	9 00
C 2205	do.	U. S. Live Stock Sanitary Assn.	Annual reports.	5 00
C 2206	do.	Blackstone Institute.	American Law.	54 00
C 2207	do.	Torch Press Book Shop.	Books.	3 50
C 2208	do.	G. Broes Van Dort Co.	do.	45 00
C 2209	do.	Goodspeed's Book Shop.	do.	1 25
C 2210	do.	John R. Anderson Co.	do.	2 70
C 2211	do.	Hudson Book Co.	do.	82 25
C 2212	do.	Geo. A. Ogle & Co.	Atlases.	420 00
C 2213	do.	Martinus Nijhoff.	Books.	19 10
C 2214	do.	Edw. G. Allen & Son.	do.	2 35
C 2215	do.	Henry Stevens Son & Stiles.	do.	128 70
C 2216	do.	Dulau & Co.	do.	301 00
C 2217	do.	Bernard Quaritch.	do.	1,004 00
C 2218	do.	The Kelly Law Book Co.	do.	4 02
C 2219	do.	J. M. Hanson-Bennett Agency.	Journals.	6 90
C 2220	do.	A. C. McClurg & Co.	Books.	145 52
C 2221	do.	G. E. Stechert & Co.	do.	76 36
C 2222	do.	General Electric Co.	Machinery.	616 72



## BUILDINGS, LAND AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1915			
C 2223	June 30	Chicago Medical Book Co.	Books.	\$ 10 60
C 2224	do.	Lawyers Co-operative Publishing Co.	do.	6 25
C 2225	do.	Ernst Hertzberg & Sons	do.	17 29
C 2226	do.	V. Mueller & Co.	Department equipment	743 40
C 2227	do.	John R. Anderson Co.	Books	7 06
C 2228	do.	Peck & Hills Furniture Co.	Furniture	380 72
C 2229	do.	Western Electric Co.	Fan	15 48
C 2230	do.	Taylor Hardware Co.	Ladder	14 00
C 2231	do.	Buchhandlung Gustav Fock.	Books	192 50
C 2232	do.	Maas Brothers	Scissors	1 40
C 2233	do.	Reliable Plumbing & Heating Co.	Painting	67 21
C 2234	do.	W. J. Smith	Regulators	50 00
C 2235	do.	Bausch & Lomb Optical Co.	Laboratory apparatus	75 15
C 2236	do.	Underwood Typewriter Co.	Typewriter	71 75
C 2237	do.	Edw. L. Burchard	Museum specimens	150 00
C 2238	do.	Mechanical Instrument Co.	Laboratory apparatus	95 00
C 2239	do.	W. S. Tyler Co.	do.	101 17
C 2240	do.	Universal Drafting Machine Co.	Office equipment	49 08
C 2241	do.	B. C. Ames Co.	Laboratory apparatus	70 56
C 2242	do.	Felt & Tarrant Mfg. Co.	Comptometer	250 00
C 2243	do.	Beckley-Cardy Co.	Blackboard	3 50
C 2244	do.	D. H. Lloyd	Mimeograph	124 00
C 2245	do.	H. R. Hunting Co.	Books	41 45
C 2246	do.	Miller Harness Co.	Brief case	8 50
C 2247	do.	Johnson Service Co.	Valves	140 00
C 2248	do.	The Inner Braced Furniture Co.	Chairs	49 50
C 2249	do.	Keuffel & Esser Co. of N. Y.	Slide rule	8 75
C 2250	do.	Ft. Wayne Electric Works	Laboratory apparatus	15 84
C 2251	do.	G. S. Moler	Cabinet	80 75
C 2252	do.	The Burr Co.	Molds	44 25
C 2253	do.	Ernst Leitz	Laboratory apparatus	7 20
C 2254	do.	Burroughs Adding Machine Co.	Adding machine	312 38
C 2255	do.	Niles-Bement-Pond Co.	Machinery	386 10
C 2256	do.	Wells Bros. Co.	do.	63 70
C 2257	do.	W. & L. E. Gurley	Laboratory apparatus	154 00
C 2258	do.	U. S. Electrical Tool Co.	Machinery	361 00
C 2259	do.	R. R. Street & Co.	General supplies	65 23
C 2260	do.	Koehler Mfg. Co.	Machinery	54 69
C 2261	do.	American Rotary Valve Co.	do.	231 71
C 2262	do.	Cornell Photo Supply Co.	Furniture and fixtures	4 00
C 2263	do.	Weston Electrical Institute Co.	Laboratory apparatus	224 00
C 2264	do.	O. A. Kiler	Furniture and fixtures	107 52
C 2265	do.	Marshall Field Retail Co.	Shades	2 93
C 2266	do.	A. Kroch & Co.	Books	2 80
C 2267	do.	Zan D. Klopfer	Charts	96 00
C 2268	do.	W. E. Beal	Farm buildings	40 00
C 2269	do.	Jackson Brothers	do.	43 98
C 2270	do.	Mosher & Embree	do.	27 87
C 2271	do.	Eimer & Amend	Laboratory apparatus	115 42
C 2272	do.	Burroughs Adding Machine Co.	Adding machine	220 50
C 2273	do.	Gietl Bros.	Machinery	227 50
C 2274	do.	Federal Steel Fixture Co.	Shelving	14 85
C 2275	do.	Hill Clark & Co.	Machinery	83 50
C 2276	do.	Albert E. Wuesteman	Stop watch	7 00
C 2277	do.	American LaFrance Fire Engine Co.	Machinery	72 00
C 2278	do.	J. Terquem	Books	127 00
C 2279	do.	The Carswell Co., Ltd.	do.	722 92
C 2280	do.	J. Fischer & Bro.	do.	52 57
C 2281	do.	T. H. Flood & Co.	do.	13 53
C 2282	do.	G. E. Stechert & Co.	do.	32 66
C 2283	do.	General Electric Co.	Freight machine	175 39
C 2284	do.	James G. Biddle	Laboratory apparatus	359 60
C 2285	do.	Henry Sotheran & Co.	Books	423 00
C 2286	do.	G. E. Stechert & Co.	do.	3 95
C 2287	do.	Jas. B. Dibelka	Salary	2,712 55
C 2288	do.	Nordiske Bokhandel	Books	243 08
C 2289	do.	W. Heffer & Sons, Ltd.	do.	132 00
C 2290	do.	Hodges, Figgis & Co., Ltd.	do.	15 04
C 2291	do.	Pickering & Chatto	do.	12 30
C 2292	do.	Kelley Law Book Co., Ltd.	do.	3 10
C 2293	do.	P. J. & A. E. Dobell	do.	20 80
C 2294	do.	George Harding	do.	30 00
C 2295	do.	H. A. Hunt	do.	1 35
C 2296	do.	Dulan & Co.	do.	107 00
C 2297	do.	G. E. C. Gad's Boghandel	do.	57 68
C 2298	do.	Marcel Riviere & Cie.	do.	63 14
C 2299	do.	Eduard Champion	do.	12 35
C 2300	do.	Martinus Nijhoff	do.	187 00

## BUILDINGS, LAND AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
<b>1915</b>				
C 2301	June 30	Fernando Fe.....	Books.....	\$ 183 00
C 2302	do.	Ernst Leitz.....	Microscope.....	238 52
C 2303	do.	Carl H. Reuter, Inc.....	Office equipment.....	220 00
C 2304	do.	Kny-Scherer Co.....	Laboratory supplies.....	33 50
C 2305	do.	Chas. Mollet.....	Apparatus.....	70 50
C 2306	do.	Mine Safety Appliance Co.....	do.....	260 00
C 2307	do.	The American Multigraph Sales Co.....	Office equipment.....	322 50
C 2308	do.	Globe-Wernicke Co.....	File.....	156 46
C 2309	do.	Creamery Package Mfg. Co.....	Churn.....	50 00
C 2310	do.	Tabor Mfg. Co.....	Testing machine.....	750 00
C 2311	do.	Snead & Co., Iron Works.....	Bookstacks.....	898 00
C 2312	do.	Percival & Moorehead.....	Book sections.....	6 50
C 2313	do.	Narragansett Machine Co.....	Lockers.....	470 00
C 2314	do.	Alamo Mfg. Co.....	Machinery.....	756 00
C 2315	do.	W. D. Drew.....	do.....	75 30
C 2316	do.	A. D. Taylor.....	Farm buildings.....	58 60
C 2317	do.	Woldenberg & Schaar.....	Oven.....	250 00
C 2318	do.	Hunter Rourke & Co.....	Farm buildings.....	131 11
C 2319	do.	Eco-Thermal Co.....	Apparatus.....	182 16
C 2320	do.	Eugene Dietzgen Co.....	Furniture and fixtures.....	17 60
C 2321	do.	Mosier Safe Co.....	Office equipment.....	80 52
C 2322	do.	A. C. McClurg.....	do.....	12 40
C 2323	do.	Arthur E. Clevidence.....	Machinery twine.....	36 50
C 2324	do.	Farmers' Supply Co.....	Machinery.....	24 00
C 2325	do.	Buffalo Scale Co.....	do.....	110 88
C 2326	do.	W. A. Eathingier.....	Well drilling.....	165 00
C 2327	do.	Whitall Tatum Co.....	Laboratory supplies.....	23 16
C 2328	do.	American Blackboard Co.....	Furniture and fixtures.....	17 32
C 2329	do.	National Drain Tile Co.....	Drains.....	209 00
C 2330	do.	Zita L. Olcott.....	Museum specimens.....	111 70
C 2331	do.	A. C. McClurg & Co.....	Books.....	30 63
C 2332	do.	Library Bureau.....	Furniture and fixtures.....	1,440 00
C 2333	do.	Peck & Hills Furniture Co.....	Table.....	49 61
C 2334	do.	Fairbanks, Morse & Co.....	Scale.....	132 00
C 2335	do.	C. A. Kiler.....	Filing case.....	47 60
C 2336	do.	Chas. G. Willoughby.....	Laboratory apparatus.....	141 60
C 2337	do.	D. H. Lloyd.....	Furniture and fixtures.....	31 52
C 2338	do.	Gray Motor Co.....	Bake.....	60 00
C 2339	do.	Dan W. Tait.....	Machinery.....	339 86
C 2340	do.	C. A. Kiler.....	Furniture.....	26 35
C 2341	do.	B. F. Sturtevant Co.....	Machinery.....	60 00
C 2342	do.	Central Scientific Co.....	do.....	31 44
C 2343	do.	Knoblock-Heldeman Mfg. Co.....	do.....	16 30
C 2344	do.	Kny-Scheerer Co.....	General supplies.....	74 50
C 2345	do.	Taylor Hardware Co.....	Machinery.....	14 30
C 2346	do.	E. O. Dillavou.....	do.....	38 00
C 2347	do.	Walker & Mulliken.....	Furniture and fixtures.....	65 90
C 2348	do.	J. M. Hanson-Bennett Magazine Agency.....	Books.....	5 00
C 2349	do.	W. M. Sheller.....	Farm buildings.....	16 52
C 2350	do.	Ft. Wayne Electric Works.....	Machinery.....	104 88
C 2351	do.	Machinists' Supply Co.....	do.....	5 20
C 2352	do.	Taylor Instrument Co.....	Laboratory apparatus.....	162 48
C 2353	do.	Twin City Roofing Co.....	Machinery.....	100 00
C 2354	do.	Allsteelquip Co.....	Furniture and fixtures.....	55 37
C 2355	do.	Keuffel & Esser Co. of N. Y.....	do.....	27 65
C 2356	do.	F. C. Jorgenson & Co.....	do.....	250 00
C 2357	do.	Boston Book Co.....	Books.....	200 00
C 2358	do.	Walter M. Hill.....	do.....	76 50
C 2359	do.	James B. Clow & Sons.....	Drains.....	155 27
C 2360	do.	Multiplex Display Fixture Co.....	Furniture and fixtures.....	107 80
C 2361	do.	General Electric Co.....	Laboratory apparatus.....	110 00
C 2362	do.	Tinius Olsen Testing Machine Co.....	Machinery.....	600 00
C 2363	do.	A. J. Nystrom & Co.....	Furniture and fixtures.....	16 98
C 2364	do.	Twin City Printing Co.....	Filing unit.....	32 09
C 2365	do.	Addressograph Co.....	Office supplies.....	42 76
C 2366	do.	Henry Troemner.....	Laboratory apparatus.....	364 35
C 2367	do.	Federal Steel Fixture Co.....	Furniture and fixtures.....	201 60
C 2368	do.	L. E. Knorr.....	General labor.....	61 73
C 2369	do.	L. E. Knorr.....	Student labor.....	22 70
C 2370	do.	American Concrete Institute.....	Books.....	4 82
C 2371	do.	Pickering & Chatto.....	do.....	46 44
C 2372	do.	Martinius Nijhoff.....	Freight.....	7 91
C 2373	do.	A. P. Ready.....	Museum specimens.....	43 57
C 2374	do.	P. P. Santamania.....	Coins.....	57 10
C 2375	do.	Fratelli Pensa.....	Photos.....	19 10
C 2376	do.	Alinari Brothers.....	do.....	34 03
C 2377	do.	E. Bolleter.....	Books.....	62 21
C 2378	do.	N. W. Damm & Son.....	do.....	65 30

## BUILDINGS, LAND AND EQUIPMENT VOUCHERS—Concluded.

No.	Date.	To whom.	For what.	Amount.
	1915			
C 2379	June 30	H. J. Lynge & Son.....	Books.....	\$ 29 50
C 2380	do.	The Adder Machine Co.....	Office equipment.....	162 50
C 2381	do.	F. C. Jorgeson & Co.....	Furniture.....	150 00
C 2382	do.	English Brothers.....	Contract.....	15,975 00
C 2383	do.	Marrs-Tanner Electric Co.....	do.....	390 00
C 2384	do.	Industrial Heating & Ventilating Co.....	do.....	533 70
C 2385	do.	New York Blower Co.....	do.....	1,500 00
C 2386	do.	Freeman & Brooks.....	do.....	2,008 81

## II. OPERATION, MAINTENANCE, AND EQUIPMENT VOUCHERS.

No.	Date.	To whom.	For what.	Amount.
	1914			
O 1	July 3	American Concrete Institute.....	Publications.....	\$ 38 00
O 2	do.	Bennetts Magazine Agency.....	Incidental.....	1 50
O 3	do.	University Club.....	Traveling expenses.....	6 90
O 4	do.	The Burr Co.....	Museum specimens.....	24 05
O 5	do.	A. C. McClurg.....	Supplies.....	1 00
O 6	do.	Herbert W. Mumford.....	Traveling expenses.....	10 85
O 7	do.	Flanigan-Pearson Co.....	Publications.....	29 00
O 8	do.	Wm. Parton.....	General supplies.....	28 62
O 9	do.	L. A. Hunter.....	Traveling expenses.....	9 94
O 10	do.	C. C. Logan.....	do.....	16 84
O 11	do.	Harry C. Gilkerson.....	do.....	36 38
O 12	do.	O. M. McGhee.....	do.....	29 21
O 13	do.	O. S. Fisher.....	do.....	89 58
O 14	do.	Geo. W. Medley.....	Field expenses.....	41 47
O 15	do.	E. R. Green.....	do.....	19 75
O 16	do.	S. V. Hitt.....	Traveling expenses.....	53 31
O 17	do.	F. W. Wascher.....	do.....	43 58
O 18	do.	H. C. Wheeler.....	do.....	61 81
O 19	do.	F. A. Fisher.....	do.....	49 08
O 20	do.	R. W. Dickenson.....	do.....	47 81
O 21	do.	A. J. Gunderson.....	do.....	15 47
O 22	do.	B. S. Pickett.....	do.....	19 21
O 23	do.	E. E. Hoskins.....	do.....	18 01
O 24	do.	A. Floyd Heck.....	do.....	14 17
O 25	do.	H. J. Snider.....	do.....	22 99
O 26	do.	Wilson Brothers.....	Field expenses.....	69 00
O 27	do.	John H. Doyle.....	General supplies.....	1 40
O 28	do.	H. F. Heine.....	Supplies.....	1 50
O 29	do.	Shormaker Drug Store.....	Sugar lead.....	2 50
O 30	do.	Bausch & Lomb Optical Co.....	Supplies.....	41 15
O 31	do.	B. E. Powell.....	Traveling expenses.....	27 62
O 32	do.	International Press Clipping Bureau.....	Press C. Service.....	5 00
O 33	do.	Altha Haviland.....	Traveling expenses.....	13 79
O 34	do.	Wm. Parton.....	H. P. Engine.....	81 96
O 35	do.	Burgmeier Book Bindery.....	Binding.....	300 04
O 36	do.	W. S. Perrine.....	General supplies.....	133 03
O 37	do.	W. A. Ruth.....	Traveling expenses.....	44 70
O 38	July 7	Robert B. Keller.....	do.....	7 94
O 39	do.	Charles Engelhard.....	Laboratory apparatus.....	108 00
O 40	do.	Eugene Dietzgen.....	do.....	72 25
O 41	do.	The Industrial Instrument Co.....	do.....	79 20
O 42	do.	Fred H. Rankin.....	Traveling expenses.....	74 88
O 43	do.	J. E. Whitechurch.....	do.....	51 77
O 44	do.	F. A. Pearson.....	do.....	17 82
O 45	do.	G. W. Beardsley.....	do.....	27 49
O 46	do.	I. Paley.....	do.....	21 21
O 47	do.	H. C. Lawson.....	do.....	17 30
O 48	do.	W. W. Yapp.....	do.....	21 00
O 49	do.	M. R. Carlson.....	do.....	10 54
O 50	do.	F. A. Pearson.....	do.....	10 57
O 51	do.	Hunter & Rourke.....	Furniture and fixtures.....	35 19
O 52	do.	C. C. Cox.....	Traveling expenses.....	1 28
O 53	July 8	J. H. Baker Chemical Co.....	Laboratory supplies.....	245 30
O 54	do.	G. C. Willis.....	Cheese cloth.....	5 44
O 55	do.	General Electric Co.....	Laboratory apparatus.....	59 88
O 56	do.	Walker & Mulliken.....	Furniture and fixtures.....	168 78
O 57	do.	E. H. Sargent & Co.....	Laboratory supplies.....	10 35
O 58	do.	Twin City Ice & Cold Storage Co.....	Office supplies.....	47 60

## OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1914			
O 59	July 8	Western Electric Co.	Laboratory supplies	\$ 49 88
O 60	do.	Flanigan-Pearson Co.	Printing	81 50
O 61	do.	Illinois State Reformatory	do.	132 40
O 62	do.	A. M. Brunson	Traveling expenses	20 95
O 63	do.	E. L. Millard	Laboratory apparatus	8 00
O 64	do.	L. L. Olds Seed Co.	Feed stuffs	11 50
O 65	do.	Belle City Mfg. Co.	Machine repairs	4 17
O 66	do.	F. K. Robeson	Towels	7 60
O 67	do.	Gulick Tailoring Co.	Cloth sacks	40 00
O 68	do.	Corona Chemical Co.	Lead	31 00
O 69	do.	Charles H. Besly & Co.	Laboratory supplies	35 87
O 70	do.	John T. Quirk	General supplies	3 25
O 71	do.	Hunter Rourke & Co.	Material building	3 94
O 72	do.	The Commutator Co.	Laboratory supplies	63 81
O 73	do.	Chester Horseshoeing Shop	Shoeing	7 50
O 74	do.	The Leeds & Northrup Co.	Laboratory apparatus	9 20
O 75	do.	Alexander Lumber Co.	Building material	9 65
O 76	do.	A. J. Hartle	Live stock	85 00
O 77	do.	White Line Steam Laundry	Laundry	67 40
O 78	do.	Marshall Field & Co.	Laboratory supplies	2 33
O 79	do.	Champaign Seed Co.	do.	1 40
O 80	do.	Review Printing & Stationery Co.	Publishing	505 89
O 81	do.	Jones & Laughlin Steel Co.	Laboratory supplies	6 00
O 82	do.	The Engineering Magazine	Incidentals	1 99
O 83	do.	K. G. Frank	Apparatus repairs	5 00
O 84	do.	General Chemical Co.	Laboratory supplies	93 21
O 85	do.	Champaign Bottling Works	do.	4 00
O 86	do.	Whitall Tatum Co.	do.	5 71
O 87	do.	F. J. Gummersheimer	Expert service	6 00
O 88	do.	F. S. Campbell	Printing	56 00
O 89	do.	Taylor Hardware Co.	Tools and machinery	11 00
O 90	do.	University of Illinois Supply Store	Office supplies	22 64
O 91	do.	Fred J. Blackburn	Traveling expenses	23 83
O 92	do.	Twin City Ice & Cold Storage Co.	Storage	16 40
O 93	do.	Alfred J. Gunderson	Traveling expenses	6 60
O 94	do.	Wm. Hix	Field expenses	50 00
O 95	do.	O. S. Watkins	Traveling expenses	39 97
O 96	do.	L. E. Poglesong	do.	9 23
O 97	do.	Wm. Parton	General supplies	2 36
O 98	do.	E. F. Murphy	Rental	2 44
O 99	do.	James Boswell	Freight	6 85
O 100	do.	J. B. Marshall	Traveling expenses	83 25
O 101	do.	A. M. Brunson	do.	2 23
O 102	do.	L. A. Hunter	do.	9 25
O 103	do.	J. C. Howser	do.	56 12
O 104	do.	Coon Bros.	Freight	5 40
O 105	do.	John J. Yoke	Traveling expenses	6 70
O 106	do.	O. E. Staples, Bursar	Clerical work	448 67
O 107	do.	O. E. Staples, Bursar	Student labor	258 49
O 108	July 9	Hunter Rourke & Co.	Screens	28 26
O 109	do.	F. J. Burns & Co.	Laboratory supplies	1 85
O 110	do.	J. T. Baker Chemical Co.	Chemicals	307 62
O 111	do.	Walker & Mulliken	Furniture repairs	4 00
O 112	do.	Alexander Lumber Co.	Building material	2 03
O 113	do.	O. S. Fisher	Traveling expenses	346 55
O 114	do.	Wilson Brothers	Field expense	44 75
O 115	do.	Twin City Ice & Cold Storage Co.	Incidentals	8 00
O 116	do.	W. C. Kruse	General supplies	8 00
O 117	do.	Ludwig Wilson	Janitor supplies	7 25
O 118	do.	Central Electric Co.	Laboratory supplies	18 69
O 119	do.	Zanesville Stoneware Co.	do.	17 00
O 120	do.	William Bros.	Painting	232 50
O 121	do.	Pay roll	June, 1914	11,250 00
O 122	do.	O. E. Staples, Bursar	General labor	459 98
O 123	July 10	A. M. & L. A. Terwilliger	Building supplies	2 47
O 124	do.	W. F. Hardy	Farm machinery	6 00
O 125	do.	Stone Bros.	General supplies	1 88
O 126	do.	Perle Adams	Teaming	109 86
O 127	do.	S. V. Holt	Traveling expenses	51 30
O 128	do.	F. W. Wascher	do.	49 30
O 129	do.	F. A. Fisher	do.	41 87
O 130	do.	R. W. Dickenson	do.	42 42
O 131	do.	O. M. McGhee	do.	10 66
O 132	do.	H. J. Snider	do.	27 57
O 133	do.	Harrison Fahrnkopf	do.	43 01
O 134	do.	F. W. Garrett	do.	22 32
O 135	do.	E. VanAlstine	do.	9 52
O 136	do.	American Blower Co.	General supplies	24 00

## OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
<b>1914</b>				
O 137	July 10	J. M. Fry & Son	Bran.	\$ 7 50
O 138	do.	White Line Steam Laundry	Laundry	15 35
O 139	do.	Baker & Co., Inc.	Laboratory supplies	8 74
O 140	do.	Cornell University	Incidentals	33 47
O 141	do.	Elmer & Amend	Laboratory supplies	21 25
O 142	do.	Rogers & Hall Co.	Publishing	27 50
O 143	do.	John C. Moore Corporation	Office supplies	16 10
O 144	do.	Ernst Leitz	Laboratory apparatus	30 20
O 145	do.	Farrar & Quinlan	Food stuffs	72 61
O 146	do.	J. S. Reimund	Food supplies	72 00
O 147	do.	Albert Vuesteman	Furniture and fixtures	35 10
O 148	do.	J. C. Thomas	Laboratory supplies	18 00
O 149	do.	Review Printing & Stationery Co.	Printing	129 81
O 150	do.	Charles H. Besly & Co.	Laboratory supplies	5 28
O 151	do.	Whitall Tatum Co.	General supplies	30 79
O 152	do.	S. E. Dillavou	do.	23 50
O 153	do.	Müller Harness Co.	do.	3 25
O 154	do.	Bausch & Lomb Optical Co.	Microscope	28 35
O 155	do.	E. G. Mendenhall	Fruser	2 00
O 156	do.	F. H. Thomas	General supplies	2 55
O 157	do.	W. Atlee Buepee & Co.	Five pound turnip	2 63
O 158	do.	Conner & Quayle	Field expenses	20 75
O 159	do.	Hoffman & Kropff Chemical Co.	Alcohol	4 00
O 160	do.	Twin City Creamery Co.	Food supplies	39 00
O 161	do.	John Ross	Sacks	13 25
O 162	do.	Chas. Butler	Well and casing	138 20
O 163	do.	Champaign Seed Co.	General supplies	30 22
O 164	do.	H. Mueller Mfg. Co.	do.	21 33
O 165	do.	Buff & Buff Mfg. Co.	Apparatus	194 80
O 166	do.	French Battery & Carbon Co.	No. 6 Auto special	21 00
O 167	do.	The Leeds & Northrup Co.	Laboratory apparatus	34 24
O 168	do.	W. Lewis & Co.	Cheese cloth	5 00
O 169	do.	J. T. Baker Chemical Co.	Laboratory supplies	153 15
O 170	do.	J. V. Newsome	Building barns	14 00
O 171	do.	J. T. Newsome	do.	21 00
O 172	do.	E. B. Hoskins	Traveling expenses	22 11
O 173	do.	Harry C. Gilkerson	do.	23 27
O 174	do.	F. W. Gault	do.	31 14
O 175	do.	A. Floyd Heck	do.	11 67
O 176	do.	O. M. Allyn	do.	15 49
O 177	do.	Stephen Rogers	Field work	121 71
O 178	do.	J. G. Mosier	Soil survey	19 35
O 179	do.	C. C. Logan	Traveling expenses	7 52
O 180	do.	John T. Alexander	do.	5 54
O 181	do.	H. P. Rusk	do.	3 25
O 182	do.	W. H. Smith	do.	3 30
O 183	do.	Indian Refining Co.	Supplies	8 78
O 184	do.	Reliable Plumbing & Heating Co.	do.	96
O 185	do.	Weil Brothers	do.	3 52
O 186	do.	Peoria Stone & Marble Works	Laboratory apparatus	68 95
O 187	do.	Alexander Lumber Co.	Lime	1 05
O 188	do.	Standard Oil Co.	Axel grease	3 85
O 189	do.	Chester Horseshoeing Shops	Shoeing	16 00
O 190	do.	C. A. Kiler	Furniture and fixtures	7 20
O 191	do.	Twin City Ice & Cold Storage Co.	Ice	8 00
O 192	do.	Wm. Webb	Field work	260 88
O 193	do.	Irving-Pitt Mfg. Co.	Ledger binder	8 25
O 194	do.	The Western Electric Co.	Electrical material	94 58
O 195	do.	G. C. Willis	Furniture and fixtures	9 22
O 196	do.	Walker & Mulliken	do.	7 30
O 197	do.	Chas. A. Hall Hardware Co.	General supplies	13 60
O 198	do.	E. M. Burr & Co.	Building repair	230 95
O 199	do.	Flanigan-Pearson Co.	Printing	482 56
O 200	do.	Metzler & Schafer Co.	General supplies	77 47
O 201	do.	W. Lewis & Co.	do.	8 48
O 202	July 13	O. E. Staples, Bursar	General labor	124 16
O 203	do.	Bertram Abney	Traveling expenses	6 69
O 204	do.	W. H. Sellards	do.	15 22
O 205	do.	H. C. Wheeler	Soil survey	55 48
O 206	do.	Harrison Fahrnkopf	Traveling expenses	45 86
O 207	do.	J. E. Whitechurch	do.	33 98
O 208	do.	H. A. Harding	do.	33 97
O 209	do.	Barnhart Bros.	Furniture and fixtures	1 10
O 210	do.	Knolton & Bennett	do.	3 80
O 211	do.	Central Electric Co.	Cutting pliers	7 20
O 212	do.	The Chas. A. Hall Hardware Co.	Lanterns	3 40
O 213	do.	J. T. Newsome	Traveling expenses	58 05
O 214	do.	B. O. Aylesworth	Lecture and service	25 00

## OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1914			
O 215	July 13	White Line Steam Laundry	Laundry	\$ 1 50
O 216	do.	E. H. Sargent & Co.	Laboratory supplies	11 00
O 217	do.	The Elliott Co.	Office supplies	12 42
O 218	do.	Central Supply Co.	General supplies	55 73
O 219	do.	Taylor Hardware Co.	Furniture and fixtures	15 92
O 220	do.	O. E. Staples, Bursar	Clerical work	68 28
O 221	do.	O. E. Staples, Bursar	Student labor	62 03
O 222	July 14	Leavitt Mfg. Co.	Apparatus repairs	17 13
O 223	do.	Peter Diedrich	General supplies	60 55
O 224	do.	John Deers Plow Co.	Machine repairs	2 63
O 225	do.	Kaffter Bros.	Hay rake	26 06
O 226	do.	L. L. Olds Seed Co.	General supplies	11 22
O 227	do.	Underwood Typewriter Co.	Rentals	3 00
O 228	do.	The Western Electric Co.	Electrical supplies	17 64
O 229	do.	The Garlock Packing Co.	Asbestos sheet	22 73
O 230	do.	Weil Brothers	Can desolve.	4 50
O 231	do.	E. H. Sargent & Co.	Laboratory supplies	3 90
O 232	do.	Lewis M. Ellison	Draft gage	2 72
O 233	do.	Louis Ely Co.	Machinery repairs	17 75
O 234	do.	Dallenbach Bros.	General supplies	151 51
O 235	do.	Chicago Fire Proof Storage Warehouse	Storage	3 00
O 236	do.	Rogers & Hall Co.	Freight	8 89
O 237	do.	L. C. Smith & Bros. Typewriter Co.	Rental	30 00
O 238	do.	Scully-Jones & Co.	Apparatus repair	5 55
O 239	do.	Chicago Steel Tape Co.	Laboratory apparatus	13 40
O 240	do.	Elsner Grocery Co.	General supplies	65 84
O 241	do.	O. E. Staples, Bursar	Student labor	113 83
O 242	do.	Pay roll	July, 1914	50 00
O 243	July 15	Sanford Mfg. Co.	Office supplies	64 39
O 244	do.	Wilson Brothers	Field expenses	40 00
O 245	do.	Ulric Johnson	do.	30 10
O 246	do.	The Bulletin of Pharmacy	Advertising	7 50
O 247	do.	Miller-Bryant-Pierce Co.	Office supplies	19 60
O 248	do.	D. H. Lloyde	Tracing cloth	244 19
O 249	do.	Underwood Typewriter Co.	Office supplies	43 00
O 250	do.	Jesse Jones Paper Box Co.	Filing cases	20 10
O 251	do.	The Weis Mfg. Co.	General supplies	55 76
O 252	do.	Universal Sales Co.	Office supplies	24 38
O 253	do.	Chas. C. Smith	Signals light red	3 74
O 254	do.	Renner Transfer Co.	Traveling expenses	3 00
O 255	do.	Champaign County Abstract Co.	City lots	4 50
O 256	do.	Union Foundry Co.	Contract	1,760 25
O 257	do.	O. M. Allyn	Traveling expenses	23 71
O 258	do.	F. A. Pearson	do.	9 85
O 259	do.	A. Fisher	do.	49 09
O 260	do.	R. W. Dickenson	do.	55 04
O 261	do.	Chas. A. Campbell	do.	59 51
O 262	do.	Frank Turner	do.	5 93
O 263	do.	Earl Carver	do.	11 98
O 264	do.	Geo. W. Medley	Field expenses	11 70
O 265	do.	Louis Meland Co.	Supplies	12 75
O 266	do.	Urbana & Champaign Ry., Gas & Electric Co.	Electric power	911 14
O 267	do.	Keuffel & Esser Co.	Office supplies	36 31
O 268	do.	J. W. Butler Paper Co.	General supplies	74 12
O 269	do.	O. E. Staples, Bursar	Student labor	77 75
O 270	do.	O. E. Staples, Bursar	General labor	361 66
O 271	July 16	A. L. Moats	Field expenses	23 15
O 272	do.	Frank Morgan	do.	64 50
O 273	do.	George W. Matheny	do.	52 08
O 274	do.	P. W. Kessinger	do.	64 39
O 275	do.	Albert Tate	do.	82 61
O 276	do.	Jacob Ten Boer	do.	36 15
O 277	do.	Henry Pfau	do.	46 00
O 278	do.	Alfred Bergren	do.	43 30
O 279	do.	Wm. Aten, Sr.	do.	37 13
O 280	do.	The Tabor Mfg. Co.	Belt scale	45 00
O 281	do.	Geo. Murphey, Inc.	Laboratory apparatus	60 82
O 282	do.	Flanigan-Pearson	Badges and publication	177 69
O 283	do.	O. M. McGhee	Traveling expenses	22 46
O 284	do.	Harry C. Gilkerson	do.	32 60
O 285	do.	H. J. Snider	do.	14 38
O 286	do.	E. E. Hoskins	do.	19 95
O 287	do.	A. Floyd Heck	do.	11 75
O 288	do.	F. W. Wascher	do.	62 25
O 289	do.	C. C. Logan	do.	10 47
O 290	do.	E. J. Filbey	do.	6 04
O 291	do.	H. A. Ruehe	do.	36 48

## OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—Continued..

No.	Date.	To whom.	For what.	Amount.
	1914			
O 292	July 16	Mrs. Fred L. Hatch	Lecture	\$ 30 00
O 293	do.	W. H. Smith	Traveling expenses	2 08
O 294	do.	Anseo Co.	General supplies	4 51
O 295	do.	Shavings & Sawdust Co.	Shavings	70 21
O 296	do.	Mallinckrodt Chemical Works	Ether anhydrous	24 00
O 297	do.	Dallenbach Bros.	Chopped beef	1 10
O 298	do.	Coldwell Lawn Mower Co.	Machine repairs	40 32
O 299	do.	Schellert Mfg. Co.	Plumbing	49 00
O 300	do.	R. W. Braithwaite	Service	17 00
O 301	do.	Hibbard, Spencer, Bartlett & Co.	Pad locks	30 25
O 302	do.	Irving-Pitt Mfg. Co.	Office supplies	2 67
O 303	do.	The Sherwin Williams Co.	General supplies	5 15
O 304	do.	Redmanol Chemical Product Co.	do	1 75
O 305	do.	Indianapolis Blue Print & Supply Co.	do	3 43
O 306	do.	The Frederick Post Co.	do	12 40
O 307	do.	Burke & James, Inc.	do	10 12
O 308	do.	G. Cramer Dry Plate Co.	do	29 60
O 309	do.	The Taylor-Hobson Co.	Apparatus repair	2 26
O 310	do.	Electric Coal Co.	Coal	1,215 85
O 311	do.	Tucker-Kenworthy Co.	Publishing	231 25
O 312	do.	Pay roll	July, 1914	8,684 12
O 313	do.	Pay roll	do	60,682 76
O 314	July 17	Alfred J. Gunderson	Traveling expenses	27 75
O 315	do.	S. E. Ganser	do	31 44
O 316	do.	J. G. Mosier	do	20 93
O 317	do.	Ward H. Sachs	do	19 89
O 318	do.	Pay roll	July, 1914	711 66
O 319	do.	Central Scientific Co.	Laboratory apparatus	14 01
O 320	do.	J. Horace McFarland Co.	do	35 40
O 321	do.	Sweet Wallach & Co.	do	10 50
O 322	do.	G. F. Putman's Sons	Books	1 49
O 323	do.	F. D. Voris & Sons Co.	Farm machinery	48 00
O 324	do.	W. F. Hardy	do	14 00
O 325	do.	Addressograph Co.	Furniture and fixtures	96 52
O 326	do.	E. W. King	Farm machinery	27 50
O 327	do.	Barnhart Bros.	Building repair	33 12
O 328	do.	E. H. Sargent & Co.	General supplies	11 42
O 329	do.	W. Lewis & Co.	do	1 39
O 330	do.	Alexander Lumber Co.	do	7 25
O 331	do.	G. C. Willis	do	3 40
O 332	do.	Taylor Hardware Co.	General material	4 45
O 333	do.	D. H. Lloyd	General supplies	86 68
O 334	do.	Parcival & Moorehead	do	7 50
O 335	do.	Flanigan-Pearson Co.	Printing	41 40
O 336	do.	Illinois State Reformatory	do	90 90
O 337	do.	Louis Meland Co.	Office supplies	4 05
O 338	do.	A. C. McClurg & Co.	General supplies	34 54
O 339	do.	Eberhard Faber	Office supplies	148 60
O 340	do.	Whiting Paper Co.	25 reams, 20 folio	109 55
O 341	do.	Bradner Smith & Co.	Office supplies	10 50
O 342	do.	S. C. Wilson & Co.	Feeding stuffs	29 89
O 343	do.	James Norris	General supplies	1 45
O 344	do.	W. W. Stokes Co.	Machinery repairs	2 50
O 345	do.	H. A. Aldrich & Co.	General supplies	236 50
O 346	do.	Bacon Brothers	Building repairs	2 15
O 347	do.	National Engraving Co.	Publications	22 35
O 348	do.	Anson Northrup	Blue printing supplies	7 00
O 349	do.	Friend Mfg. Co.	Machinery repairs	10 84
O 350	do.	Knowlton & Bennett	Building repairs	1 00
O 351	do.	F. K. Robeson	General supplies	11 94
O 352	July 20	Chicago Telephone Co.	Supplies and toll	40 25
O 353	do.	Ahrens & Schreiner	General supplies	13 02
O 354	do.	Illinois State Reformatory	Printing	192 35
O 355	do.	Urbana & Champaign Ry., Gas & Electric Co.	Gas	59 70
O 356	do.	John J. Yoke	Traveling expenses	21 79
O 357	do.	Meyer & Wenhe	Office supplies	3 40
O 358	do.	J. W. Butler Paper Co.	do	2 97
O 359	do.	American Short-Horn Breeders' Assn.	Cattle registration	9 00
O 360	do.	American Aberdeen Angus Breeders' Assn.	do	6 00
O 361	do.	A. W. Jamison	Traveling expenses	11 11
O 362	do.	S. V. Holt	do	78 58
O 363	do.	B. E. Powell	do	2 18
O 364	do.	H. C. Wheeler	do	67 63
O 365	do.	A. L. Whiting	do	8 62
O 366	do.	H. H. Wheeler	do	10 00
O 367	do.	Ira D. Allison	do	13 93
O 368	do.	Heath & Milligan Mfg. Co.	General supplies	24 25

## OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
1914				
O 369	July 20	The Peoples Gas Light & Coke Co.	Gas	\$ 26 08
O 370	do.	Western Lumber Co.	Lumber	1 23
O 371	do.	General Electric Co.	Electrical supplies	132 50
O 372	do.	P. G. Burt	Traveling expenses	7 19
O 373	do.	Freeman-Sweet Co.	Wiring	124 00
O 374	do.	Irving-Pitt Mfg. Co.	Office supplies	24 86
O 375	do.	Carlson & Anderson	General supplies	5 00
O 376	do.	O. E. Staples, Bursar	Student labor	11 50
O 377	do.	O. E. Staples, Bursar	Clerical work	46 35
O 378	do.	O. E. Staples, Bursar	Student labor	89 71
O 379	do.	O. E. Staples, Bursar	Clerical work	65 60
O 380	do.	O. E. Staples, Bursar	General labor	121 90
O 381	July 21	D. T. Miles	Rental	50 00
O 382	do.	Andrew Tornquist	Machinist and laboratory assistant	75 00
O 383	do.	Robert W. Stark	Experiment and laboratory work	100 00
O 384	do.	G. S. Beaumont	Soil survey	52 50
O 385	do.	H. A. DeWerff	do.	60 00
O 386	do.	R. S. Dunham	do.	50 00
O 387	do.	C. E. Glick	do.	50 00
O 388	do.	G. M. Grantham	do.	60 00
O 389	do.	C. T. Hufford	do.	45 00
O 390	do.	F. C. Richey	do.	50 00
O 391	do.	G. L. Rigg	do.	47 50
O 392	do.	J. F. Romine	do.	47 50
O 393	do.	T. R. Shiveley	do.	50 00
O 394	do.	Douglas Wright, Jr.	do.	45 00
O 395	do.	W. L. Bennett	Experiment and laboratory work	70 00
O 396	do.	B. H. Dunlap	do.	60 00
O 397	do.	L. L. Hunter	do.	75 00
O 398	do.	Alice Reed	Assistant artist	55 00
O 399	do.	E. T. Ebersol	Collecting material	60 00
O 400	do.	J. C. Anderson	Expirement greenhouse work	70 00
O 401	do.	F. W. Gault	Experiment field work	90 00
O 402	do.	O. M. McGhee	do.	50 00
O 403	do.	T. W. Dieckmann	Assistant to director	85 00
O 404	July 22	Walker & Mulliken	Furniture and fixtures	4 95
O 405	do.	F. S. Stahl	Laboratory apparatus	72 75
O 406	do.	Peter Gray & Sons, Inc.	do.	20 00
O 407	do.	National Scale Co.	do.	60 00
O 408	do.	F. S. Campbell	Printing	23 50
O 409	do.	The Chester Transfer Co.	Express	44 08
O 410	do.	Chester Horseshoeing Shop	General supplies	14 00
O 411	do.	Soft Water Laundry Co.	Laundry	17 81
O 412	do.	Derrough & Co.	General supplies	2 30
O 413	do.	Machinists' Supply Co.	Laboratory apparatus	43 47
O 414	do.	The Western Electric Co.	Laboratory supplies	213 33
O 415	do.	The Deming Co.	Apparatus repairs	2 16
O 416	do.	Friend Mfg. Co.	do.	3 27
O 417	do.	Spencer Lens Co.	Laboratory supplies	13 71
O 418	do.	American LaFrance Fire Engine Co.	Fire extinguisher	41 00
O 419	do.	The Otis Elevator Co.	Plunger lubricant	1 60
O 420	do.	AnSCO Co.	General supplies	20 00
O 421	do.	Irving-Pitt Mfg. Co.	Office supplies	7 16
O 422	do.	Champaign Ice Cream Co.	General supplies	17 00
O 423	do.	Eisner Grocery Co.	do.	9 20
O 424	do.	Blanke Mfg. & Supply	General supplies	15 20
O 425	do.	Twin City Ice & Cold Storage	do.	75 00
O 426	do.	F. M. Foltz	do.	9 00
O 427	do.	Louis Ely & Co.	Machinery repairs	7 50
O 428	do.	Frison Brothers	do.	2 50
O 429	do.	Standard Cap & Seal Co.	Rental	4 50
O 430	do.	Methylene Blue Co.	General supplies	12 50
O 431	do.	Weil Brothers	Run trap	1 01
O 432	do.	J. C. Howser	Traveling expenses	27 47
O 433	do.	J. B. Andrews	do.	27 17
O 434	do.	James B. Clow & Sons	General supplies	50 75
O 435	do.	Western Kieley Steam Specialty Co.	do.	13 57
O 436	do.	The Whitaker Paper Co.	do.	23 52
O 437	do.	Crane Co.	do.	8 57
O 438	do.	Swartz Electric Shop	Laboratory supplies	21 90
O 439	do.	Vanhan's Seed Store	General supplies	20 15
O 440	do.	Siegel Cooper & Co.	do.	4 75
O 441	do.	M. A. Donohue & Co.	Office supplies	1 35
O 442	do.	American Woodenware Mfg. Co.	General supplies	35 00
O 443	do.	University Press	Printing	5 50
O 444	do.	Chicago Live Stock World	General supplies	1 50



## OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
<b>1914</b>				
O 445	July 22	National Engraving Co.	Publication.	\$ 91 95
O 446	do.	Woldenberg & Schaar	Apparatus repairs.	2 17
O 447	do.	Richards, C. R.	Pay roll.	62 50
O 448	do.	O. E. Staples, Bursar	do.	26 98
O 449	do.	O. E. Staples, Bursar	do.	114 54
O 450	do.	O. E. Staples, Bursar	Temporary labor	364 15
O 451	July 23	Hibbard Spencer Bartlett & Co.	Water cooler	9 25
O 452	do.	S. E. Dillavou	Machine repairs.	9 25
O 453	do.	E. B. Walton	Field expenses	46 99
O 454	do.	Tuttle & Clark	Shield repairs.	3 75
O 455	do.	Jas. F. Umpleby	Fencing	78 40
O 456	do.	Henry Bosch Co.	Building repairs.	1 45
O 457	do.	The Plant Study Co.	Laboratory supplies	22 55
O 458	do.	J. S. Whitmire	Scientific assistant	60 00
O 459	do.	W. L. Harry	Foreman	100 00
O 460	do.	Rodney C. Glover	Bookkeeper	25 00
O 461	do.	J. B. Andrews	Scientific assistant	50 00
O 462	do.	Fred J. Blackburn	do.	50 00
O 463	do.	Ralph Engle	Feeder	55 00
O 464	do.	W. J. Engle	Foreman	70 00
O 465	do.	O. F. Foster	Scientific assistant	75 00
O 466	do.	W. J. Hampton	Head shepherd	75 00
O 467	do.	C. A. Hughes	Scientific assistant	50 00
O 468	do.	F. W. Leggett	Barn helper	50 00
O 469	do.	Anton Prasi	Scientific assistant	65 32
O 470	do.	Fred Pine	Cattle herdsman	75 00
O 471	do.	S. H. Ray	Scientific assistant	75 00
O 472	do.	J. F. Smith	Swine herdsman	70 00
O 473	do.	E. G. Johnson	Laborer, E. D. Farm	50 00
O 474	do.	L. E. Dunlap	Milker	50 00
O 475	do.	M. H. Campbell	do.	55 00
O 476	do.	H. E. Crouch	Manager at D. Farm	115 00
O 477	do.	I. F. Burdick	Dairy herdsman	85 00
O 478	do.	H. E. Codlin	Creamery testing	60 00
O 479	do.	H. C. Lawson	Official testing	60 00
O 480	do.	Earl Garver	do.	65 00
O 481	do.	I. Paley	do.	55 00
O 482	do.	C. G. Cox	do.	12 00
O 483	do.	C. B. Price	do.	60 00
O 484	do.	H. A. Cate	Test associate.	70 00
O 485	do.	John Palfrey	Herdsman	75 00
O 486	do.	F. E. Torgerson	Soil survey	11 54
O 487	do.	G. E. Simpson	Catalog typist	35 00
O 488	do.	Chas. A. Campbell	Field work	65 00
O 489	do.	C. C. Chapman	Foreman experiment field.	100 00
O 490	do.	John Lankford	Assist. foreman experiment field.	60 00
O 491	do.	G. A. Maney	Assist. in research work	80 00
O 492	do.	Pay roll	July, 1914.	1,903 33
		Mullaney, Herbert	Salary	\$ 40 00
		Rehfeldt, Hubert F.	do.	40 00
		Blackwell, J. T.	do.	60 00
		Tomek, Gertrude	do.	60 00
		Solomon, Jacob	do.	50 00
		Watson, Ethel E.	do.	50 00
		David, Simon	do.	50 00
		George, Ella	do.	80 00
		Drennan, Peter	do.	50 00
		Kastanos, John	do.	50 00
		Becker, Johann	do.	48 33
		Karachun, William	do.	35 00
		Schultz, Harry	do.	50 00
		Heerman, Louise B.	do.	60 00
		Heermann, Louise B.	do.	50 00
		David, Paul	do.	60 00
		Gubbins, Maud	do.	40 00
		Moorehead, Mary	do.	55 00
		Allen, Josephine	do.	60 00
		Bolan, Anna R.	do.	50 00
		David, Eshoo	do.	75 00
		Loomis, Metta	do.	50 00
		Rwasser, Anna	do.	75 00
		Brownson, Mabel	do.	250 00
		Browne, W. H.	do.	100 00
		Cole, H. W.	do.	75 00
		Froberg, Eric	do.	115 00
		Southwell, James	do.	125 00
		Tomlinson, J. S.	do.	66 66
		Bake, L. E.	do.	

## OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
<b>1914</b>				
O 492	July 23	Bernard, F. S.	Salary	\$ 40 00
Cld.		Coolidge, E. D.	do.	83 33
		Dittmar, Walter	do.	100 00
		Gallie, D. M.	do.	83 33
		Hixson, Arthur	do.	60 00
		Lee, H. C.	do.	40 00
		McGuire, J. C.	do.	125 00
		Moorehead, F. B.	do.	166 66
		Moon, V. H.	do.	50 00
		Noyes, F. B.	do.	83 33
		Schultz, Louis	do.	33 33
		Starr, S. P.	do.	66 66
		Burmeister, W. H.	do.	166 66
		Dreyer, G. P.	do.	333 33
		Ecleshymer, A. C.	do.	416 66
		Fantus, Bernard	do.	166 66
		Gardner, Stella	do.	83 33
		Gehrmann, Adolph	do.	66 66
		Haskell, J. E.	do.	50 00
O 493	do.	Pay roll	July, 1914	\$3,811 58
		Jones, T. S.	Salary	\$ 83 33
		Lincoln, Mary C.	do.	50 00
		Miller, E. G.	do.	100 00
		Moore, J. J.	do.	125 00
		Rupert, R. R.	do.	166 66
		Walker, W. H.	do.	208 33
		Bartlett, F. K.	do.	180 00
		Davis, D. J.	do.	416 66
		Falls, F. H.	do.	50 00
		Gaffney, C. O.	do.	65 00
		Krudwig, Edna	do.	40 00
		Hiskey, Geo. N. (Student)	do.	45 00
O 494	do.	Maas Bros.	General supplies	12 83
O 495	do.	V. Mueller & Co.	Equipments	17 82
O 496	do.	Barron Bros. Coal Co.	General supplies	7 93
O 497	do.	Commonwealth Edison Co.	Light	89 60
O 498	do.	Imperial Mfg. Co.	Building material	25 00
O 499	do.	Illinois State Reformatory	Office supplies	24 15
O 500	do.	Ernst Leitz	Equipments	294 35
O 501	do.	B. S. Mahan	Experiment journals	5 00
O 502	do.	Eimer & Amend	Laboratory supplies	6 01
O 503	do.	Huntley Dairy Co.	Laboratory apparatus	4 40
O 504	do.	J. W. Allen & Co.	Equipment	12 50
O 505	do.	Thos. J. Dee & Co.	Supplies	3 34
O 506	do.	C. L. Frame Dental Supplies Co.	do.	14 75
O 507	July 24	F. B. Eells	Office equipment	37 00
O 508	do.	W. T. Robinson	Printing	27 50
O 509	do.	The Babcock & Wilcox Co.	Freight and express	1 00
O 510	do.	The Letter Shop	Printing	19 40
O 511	do.	R. C. Wagner	Grading	35 00
O 512	do.	Crane Co.	Return bends	1 80
O 513	do.	The Western Electric Co.	Electric fan	15 08
O 514	do.	Wm. Scholtzhauer	Field expenses	34 00
O 515	do.	Wm. Powell	do.	32 33
O 516	do.	P. D. Long	do.	46 25
O 517	do.	A. L. Moats	do.	21 15
O 518	do.	C. E. Burkhart	do.	32 98
O 519	do.	F. W. Gault	Traveling expenses	29 45
O 520	do.	Walker & Mulliken	Furniture and fixtures	5 00
O 521	do.	Lansing Co.	Machinery	29 50
O 522	do.	The Lehr Agriculture Co.	Troughs	11 90
O 523	do.	Halton, Marie	Student clerk	50 00
O 524	do.	Murphey, E. F.	Stenographer	55 00
O 525	do.	Stoutzenberg, Florence T.	do.	50 00
O 526	do.	MacInnes, Jean	Clerk assistant	40 00
O 527	do.	Pay roll	July, 1914	3,393 66
		Askins, L. R.	Salary	\$50 00
		Boswell, Andrew	do.	42 00
		Boswell, James	do.	50 00
		Brentlinger, E. P.	do.	50 00
		Brown, C. F.	do.	50 00
		Brooks, D. T.	do.	50 00
		Conrad, Emma	do.	35 00
		Corson, A. J.	do.	50 00
		Dale, Fred	do.	50 00
		Dille, Lavina F.	do.	60 00
		Dillion, Jasper	do.	50 00
		Eaton, Ralph	do.	47 50

## OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
O 527 Cld.	1914 July 24	Egelston, A. T.	Salary	\$ 40 00
		Engle, Lawrence	do	50 00
		Flocken, J. B.	do	60 00
		Gossett, J. O.	do	60 00
		Grabbe, Florence H.	do	50 00
		Hamlin, Hiram	do	50 00
		Harding, C. F.	do	100 00
		Heath, Wm.	do	50 00
		Herbert, J. J.	do	85 00
		Jensen, Geo.	do	55 00
		Kramer, Jennie	do	45 00
		McGregor, Mary	do	40 00
		McQueen, H. D.	do	50 00
		Marsh, W. T.	do	50 00
		Miller, W. W.	do	75 00
		Mink, Geo.	do	47 50
		Moore, H. E.	do	50 00
		Muhleman, Elizabeth	do	50 00
		Nesbit, Lawrence	do	55 00
		Pollard, Chas.	do	50 00
		Orrill, Russell	do	35 00
		Redman, Louise E.	do	60 00
		Ross, R. M.	do	80 00
		Sanders, Frank	do	50 00
		Shipman, Cash.	do	50 00
		Shue, Lizzie B.	do	40 00
		Stivers, M. F.	do	50 00
		Turner, Chester	do	50 00
		Utterback, Hugh	do	45 00
		Utterback, L.	do	50 00
		Williamson, Hiram	do	50 00
		Argo, Roy	do	55 00
		Barto, Lucy M.	do	20 00
		Chaplin, Ralph	do	60 00
		Cooke, Jesse	do	55 00
		Goodspeed, W. S.	do	83 33
		Harolle, Claude	do	40 00
		Hough, William	do	83 33
		Jenkins, Elmer	do	60 00
		Kelley, J. R.	do	57 50
		Meenach, Earl	do	65 00
		Morgan, J. U.	do	5 00
		Patterson, Will	do	50 00
		Pergande, R.	do	95 00
		Pritchard, H.	do	70 00
		Pritchard, R.	do	60 00
		Rhoads, Hazel	do	60 00
		Rose, M. D.	do	52 50
		Sprinkle, D. C.	do	50 00
		Stoneburner, A. J.	do	50 00
		Wilson, R. W.	do	65 00
O 528	July 25	Reliable Plumbing & Heating Co.	General supplies	\$ 2 61
O 529	do	Chas. F. Witt Est.	do	1 75
O 530	do	F. K. Robeson	do	15 56
O 531	do	D. H. Lloyd	do	2 25
O 532	do	Standard Cap & Seal Co.	do	51 24
O 533	do	John H. Doyle	do	15 48
O 534	do	Flanigan-Pearson Co.	Printing and books	47 86
O 535	do	Twin City Ice & Cold Storage Co.	General supplies	14 00
O 536	do	Illinois State Reformatory	Printing	115 05
O 537	do	The Burr Co.	Apparatus repairs	7 25
O 538	do	Taylor Hardware Co.	General supplies	279 48
O 539	do	E. H. Sargent & Co.	Laboratory supplies	30 68
O 540	do	Percival & Moorehead	General supplies	28 55
O 541	do	A. C. McClurg & Co.	do	4 80
O 542	do	Alexander Lumber Co.	Building repairs	2 25
O 543	do	Bacon Bros.	do	1 40
O 544	do	Miller Harness Co.	General supplies	1 30
O 545	do	C. A. Denman	do	2 40
O 546	do	Champaign Seed Co.	Feeding stuffs	6 75
O 547	do	P. S. Campbell	Printing	6 75
O 548	do	Walker & Mulliken	Furniture repairs	10 89
O 549	do	W. C. Coffey	Traveling expenses	23 57
O 550	do	Ralph Chaplin	Sundries	118 56
O 551	do	Poehlmann Bros. Co.	Nursery stock	96 00
O 552	do	Central Electric Co.	Electrical supplies	28 50
O 553	do	H. C. Taylor	Baling hay	54 08
O 554	do	American Pharmaceutical Assn.	Advertising	9 00

## OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
1914				
O 555	July 25	D. T. Dobbins	Feeding stuffs	\$ 2 00
O 556	do.	Standard Cap & Seal Co.	Rentals	3 00
O 557	do.	Chas. A. Hall Hardware Co.	General supplies	30 65
O 558	do.	The Creamery Package Mfg. Co.	do.	21 84
O 559	do.	The Leeds & Northrup Co.	Laboratory apparatus	149 80
O 560	do.	S. E. Dillavou	Farm machinery	125 00
O 561	do.	O. E. Staples, Bursar	Pay roll	122 63
O 562	do.	O. E. Staples, Bursar	do.	173 10
O 563	July 27	E. H. Sargent & Co.	Laboratory supplies	267 33
O 564	do.	Vaughan's Seed Store	General supplies	9 00
O 565	do.	J. R. Midyett	Field work	109 94
O 566	do.	Andrew Boswell	Rentals	45 50
O 567	do.	J. T. Baker Chemical Co.	Laboratory supplies	623 53
O 568	do.	Sadie Jones	Clerical work	50 00
O 569	do.	Daisy Swearingen	do.	50 00
O 570	do.	Joe F. Gauger	Clerk	65 00
O 571	do.	Lois M. Miles	Student clerk	60 00
O 572	do.	Bertha M. Scott	do.	50 00
O 573	do.	Winifred Fehrenkamp	Clerical work	70 00
O 574	July 28	Taylor Hardware Co.	General supplies	81 25
O 575	do.	Alexander Lumber Co.	do.	73 80
O 576	do.	Chicago Addressing Co.	Postage	142 54
O 577	do.	Irving Pitt Mfg. Co.	General supplies	7 10
O 578	do.	Louis Meling Co.	Postage	4 20
O 579	do.	Mallory Mitchell & Faust	Advertising	106 26
O 580	do.	The Western Union Telegraph Co.	Services	24 00
O 581	do.	The S. S. W. Dental Mfg. Co.	Supplies	17 29
O 582	do.	Chicago Medical Book Co.	Books	24 90
O 583	do.	F. W. Wascher	Traveling expenses	61 46
O 584	do.	R. W. Dickenson	do.	50 05
O 585	do.	The Linde Air Products Co.	Laboratory supplies	1 50
O 586	do.	Graham Paper Co.	Paper 5M.	1 15
O 587	do.	J. W. Butler Paper Co.	Paper	10 13
O 588	do.	R. C. Wagner & Son	General supplies	6 00
O 589	do.	Albert Pick & Co.	Supplies	18 75
O 590	do.	Heath & Milligan Mfg. Co.	Repairs	4 05
O 591	do.	V. Mueller & Co.	Supplies	1 50
O 592	do.	Thos. J. Dee & Co.	do.	55 79
O 593	do.	Bennett's Newspaper & Magazine Co.	Journals	5 00
O 594	do.	The Western Electric Co.	Equipments	11 70
O 595	do.	Barron Bros. Coal Co.	Feed stuffs	2 78
O 596	do.	Pay roll	Summer session	11,125 00
		Jamison, A. W.	Salary	\$125 00
		Bauer, F. C.	do.	125 00
		Smith, W. H.	do.	112 50
		Gardner, J. J.	do.	75 00
		Miller, W. P.	do.	100 00
		Roberts, E.	do.	62 50
		Hill, Mary B.	do.	112 50
		Balke, C. W.	do.	250 00
		Derick, C. G.	do.	150 00
		Weber, H. C. P.	do.	150 00
		MacInnes, D. A.	do.	112 50
		Beal, G. D.	do.	112 50
		Hopkins, B. S.	do.	112 50
		Sears, G. W.	do.	100 00
		Kamm, O.	do.	100 00
		Jordan, H. H.	do.	112 50
		Trelease, William	do.	250 00
		Hague, Stella M.	do.	112 50
		Carlton, F. T.	do.	250 00
		Litman, Simon	do.	150 00
		Thompson, C. M.	do.	112 50
		Bagley, W. C.	do.	150 00
		Coffman, L. D.	do.	250 00
		Johnson, C. H.	do.	250 00
		Anderson, L. P.	do.	150 00
		Repeer, L. W.	do.	200 00
		Miller, W. S.	do.	100 00
		Harlan, C. L.	do.	50 00
		Hall-Quest, A. L.	do.	50 00
		Holley, C. E.	do.	50 00
		Dodge, D. K.	do.	250 00
		Paul, H. G.	do.	150 00
		Cooper, L.	do.	225 00
		Creek, H. L.	do.	112 50
		Tieje, A. J.	do.	112 50
		Buchen, Walter	do.	100 00

## OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
O 596	1914 July 28	Folsom, J. W.	Salary	\$150 00
Cld.		Peterson, A.	do.	75 00
		Oliver, T. E.	do.	250 00
		Carry, C. L.	do.	100 00
		Lessing, O. E.	do.	250 00
		Keller, A. H.	do.	112 50
		Barto, P. S.	do.	112 50
		Held, F. E.	do.	100 00
		Moran, T. F.	do.	150 00
		Richardson, R. K.	do.	150 00
		Robertson, W. S.	do.	150 00
		Barton, H. J.	do.	100 00
		Canter, H. V.	do.	150 00
		Williams, Anna.	do.	112 50
		Fleming, Georgia.	do.	112 50
		Parsons, Maud.	do.	100 00
		Park, J. C.	do.	200 00
		Gross, G. A.	do.	112 50
		Lytle, E. B.	do.	125 00
		Wahlin, G. E.	do.	125 00
		Kampner, A. J.	do.	112 50
		Rowland, S. A.	do.	100 00
		Rutledge, G.	do.	100 00
		Radebaugh, G. H.	do.	112 50
		Seeley, F. B.	do.	112 50
		Ensign, N. E.	do.	112 50
		Gonnerman, H. F.	do.	112 50
		Smith, Constance Barlow	do.	150 00
		Brainard, Adeline	do.	75 00
		Zuppke, R. C.	do.	112 50
		Jones, R. R.	do.	112 50
		Gill, H. L.	do.	112 50
		Huff, G. A.	do.	250 00
		Casner, Sidney	do.	112 50
		Brooks, Verna	do.	112 50
		Watson, F. R.	do.	150 00
		Williams, E. H.	do.	125 00
		Smith, O. H.	do.	100 00
		Warner, E. H.	do.	100 00
		Nathanson, J. B.	do.	75 00
		Cushing, S. W.	do.	175 00
		Heitkamp, G. W.	do.	75 00
		Storey, R. M.	do.	150 00
		Moran, T. F.	do.	100 00
		Weatherly, U. G.	do.	250 00
		Barker, F. D.	do.	200 00
		Packard, W. H.	do.	100 00
		Brooks, Verna	do.	112 50
		Watson, F. R.	do.	150 00
		Williams, E. H.	do.	125 00
		Smith, O. H.	do.	100 00
		Warner, E. H.	do.	100 00
		Nathanson, J. B.	do.	75 00
		Cushing, S. W.	do.	175 00
		Heithkamp, G. W.	do.	75 00
		Storey, R. M.	do.	150 00
		Moran, T. F.	do.	100 00
		Weatherly, U. G.	do.	250 00
		Barker, F. D.	do.	200 00
		Packard, W. H.	do.	100 00
O 597	do.	O. E. Staples, Bursar	Temporary labor	\$576 25
O 598	July 29	American Sheep Breeder Co.	Books	1 00
O 599	do.	John Wiley & Sons, Inc.	do.	2 60
O 600	do.	C. W. Balke	Building	320 00
O 601	do.	Eugene Dietzen Co.	General supplies	6 50
O 602	do.	W. S. Perrine	do.	49 50
O 603	do.	J. A. Peterson	do.	14 00
O 604	do.	D. T. Dobbins	Feeding stuffs	5 66
O 605	do.	Home Telephone Co.	Rental	100 00
O 606	do.	Central Electric Co.	General supplies	20 90
O 607	do.	Crucible Steel Co.	Laboratory supplies	6 30
O 608	do.	Armour Glue Works	do.	47 70
O 609	do.	Roovers Brothers	do.	7 93
O 610	do.	Gustav Stickley	do.	5 00
O 611	do.	Indian Refining Co.	General supplies	2 25
O 612	do.	Omar Caswell	do.	2 00
O 613	do.	Vaughan's Seed Store	do.	19 30
O 614	July 30	Western Electric Co.	Condulets and equipment	15 55

## OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
1914				
O 615	July 30	Bausch & Lomb Optical Co.	Laboratory apparatus.	\$ 28 35
O 616	do.	W. L. Pfeffer Lumber Co.	General supplies.	86 62
O 617	do.	Taylor Hardware Co.	do.	18 80
O 618	do.	Leavitt Mfg. Co.	Laboratory supplies.	8 30
O 619	do.	B. A. Strauch.	Blue printing.	16 19
O 620	do.	Planigan-Pearson Co.	Printing.	13 70
O 621	do.	Knowlton & Bennett.	General supplies.	11 60
O 622	do.	The Creamery Package Mfg. Co.	do.	21 60
O 623	do.	S. E. Huff & Co.	do.	10 10
O 624	do.	Barnhart Bros.	do.	24 65
O 625	do.	The Burr Co.	Laboratory supplies.	58 52
O 626	do.	Miller Harness Co.	General supplies.	5 25
O 627	do.	The Chas. A. Hall Hardware Co.	do.	5 31
O 628	do.	National X Ray Reflector Co.	do.	20 00
O 629	do.	E. H. Sargent & Co.	Laboratory supplies.	4 20
O 630	do.	H. Swannell & Son.	General supplies.	4 20
O 631	do.	C. A. Kiler.	General labor.	1 50
O 632	do.	F. K. Robeson.	General supplies.	2 80
O 633	do.	Central Electric.	Electrical supplies.	8 80
O 634	do.	John Reichard.	Feeding stuffs.	674 28
O 635	do.	Hunter, Rourke & Co.	Supplies.	4 65
O 636	do.	W. F. & John Barnes Co.	Furniture and fixtures.	1 40
O 637	do.	J. W. Dunlap.	Brick work.	169 30
O 638	do.	General Electric Co.	Electrical supplies.	316 38
O 639	do.	Champaign Seed Co.	Feeding stuffs.	47 00
O 640	do.	H. C. Wheeler.	Traveling expenses.	48 66
O 641	do.	F. W. Garrett.	do.	69 71
O 642	do.	F. W. Gault.	do.	96 86
O 643	do.	"Friend" Mfg. Co.	Machinery repairs.	6 40
O 644	do.	H. W. Johns-Manville Co.	Labor.	78 34
O 645	do.	Standard Cap & Seal Co.	Rentals.	3 00
O 646	do.	Mallenkradt Chemical Works.	Laboratory supplies.	7 60
O 647	July 31	Illinois State Penitentiary.	Furniture and fixtures.	19 50
O 648	do.	E. H. Sargent & Co.	Laboratory apparatus.	238 76
O 649	do.	Henry Bosch & Co.	Building repairs.	9 15
O 650	do.	Norton Co.	Laboratory supplies.	29 19
O 651	do.	H. Mueller Mfg. Co.	do.	6 00
O 652	do.	Irving-Fitt Mfg. Co.	Office supplies.	1 77
O 653	do.	Champaign News.	Incidentals.	3 98
O 654	do.	Bausch & Lomb Optical Co.	Apparatus repairs.	1 03
O 655	do.	Consumers Co.	General supplies.	12 10
O 656	do.	The Alumni Assn.	Advertising.	3 25
O 657	do.	Becker Steel Co.	Laboratory supplies.	5 60
O 658	do.	H. Swannell & Son.	General supplies.	1 50
O 659	do.	Standard Oil Co.	do.	3 46
O 660	do.	H. H. Wheeler.	Sundries.	4 00
O 661	do.	Fuller & Fuller Co.	Laboratory supplies.	92 00
O 662	do.	Foot Mineral Co.	do.	7 00
O 663	do.	Hoffman & Kropff Chemical Co.	do.	4 75
O 664	do.	Goldschmidt Thermit Co.	do.	8 00
O 665	do.	S. E. Huff & Co.	Building repairs.	8 80
O 666	do.	Barron Bros. Coal Co.	Animal feed.	2 40
O 667	do.	S. S. White Dental Mfg. Co.	Supplies.	12 38
O 668	do.	Chicago Medical Book Co.	Books.	2 20
O 669	do.	Marshall Field & Co.	Supplies.	6 00
O 670	do.	Edgar D. Collidge.	Express.	6 00
O 671	do.	V. Mueller & Co.	Equipment.	3 00
O 672	do.	Chas. Willms, S. I. Co.	do.	1 39
O 673	do.	Western Fuel Co.	Coal.	26 19
O 674	do.	F. G. Hartwell Co.	do.	25 93
O 675	do.	Neostyle Co.	Office supplies.	6 75
O 676	do.	Consumers Co.	Ice.	13 00
O 677	do.	Morrison & Plummer & Co.	Laboratory supplies.	18 00
O 678	do.	F. S. Collins.	Museum specimens.	30 00
O 679	do.	J. W. Allen & Co.	Equipments.	12 25
O 680	do.	Heath & Milligan Mfg. Co.	General supplies.	15 05
O 681	do.	Henry R. Worthington.	Supplies.	5 13
O 682	do.	F. K. Robeson.	General supplies.	32 10
O 683	do.	Pratt & Lambert, Inc.	Brit Vitralite.	38 14
O 684	do.	Adams & Eltin G. Co.	Barrel white naples velvet finish.	61 17
O 685	do.	G. A. Garrison.	General supplies.	309 90
O 686	do.	Crane Co.	do.	4 28
O 687	do.	Leavitt Mfg. Co.	do.	137 61
O 688	do.	Jacob White.	Plastering.	187 85
O 689	do.	Charles H. Besly & Co.	General supplies.	6 91
O 690	do.	C. G. Winn.	do.	6 15
O 691	do.	"Friend" Mfg. Co.	Machinery repairs.	1 65
O 692	do.	Augustine & Co.	General supplies.	2 70

## OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1914			
O 693	July 31	J. Horace McFarland Co.	Blue printing and photograph.	\$ 1 00
O 694	do.	Vaughan's Seed Store.	General supplies.	1 28
O 695	do.	F. S. Stahl.	Laboratory supplies.	8 25
O 696	do.	Detroit Flower Pot Co.	General supplies.	60 28
O 697	do.	J. Bowman.	do.	3 35
O 698	do.	Cataract Refining & Mfg. Co.	Laboratory supplies.	21 69
O 699	Aug. 3	James G. Biddle.	General supplies.	14 81
O 700	do.	The S. Obermayer Co.	Laboratory supplies.	40 65
O 701	do.	Spencer Lens Co.	do.	16 22
O 702	do.	Eimer & Amend.	do.	22 54
O 703	do.	E. H. Sargent & Co.	do.	51 60
O 704	do.	Southern Illinois Lumber Co.	Fencing.	24 10
O 705	do.	O. W. Hampton.	Feeding stuffs.	70 96
O 706	do.	Henry Bosch Co.	Building repairs.	2 90
O 707	do.	High School Life.	Advertising.	8 00
O 708	do.	Redmanol Chemical Product Co.	Laboratory supplies.	5 81
O 709	do.	Olney Milling Co.	Feeding stuffs.	49 75
O 710	do.	Jolly Wieland & Richardson Co.	General supplies.	130 35
O 711	do.	Geo. E. Carpenter Co.	do.	13 59
O 712	do.	The Hill & Griffith Co.	Laboratory supplies.	58 00
O 713	do.	C. N. Clark & Co.	General labor.	2 00
O 714	do.	E. H. Sargent & Co.	Laboratory supplies.	54 76
O 715	do.	Ernst Leitz.	Laboratory apparatus.	291 83
O 716	do.	J. T. Ryerson & Son.	Laboratory supplies.	239 20
O 717	do.	C. W. Balke.	Pullets.	99 20
O 718	do.	The Studebaker Corporation.	Farm machinery.	57 95
O 719	do.	Blatchford's Calf Meal Factory.	Feeding stuffs.	3 75
O 720	do.	Oldham Bros.	General supplies.	1 25
O 721	do.	A. A. Wood.	Live stock.	125 00
O 722	do.	Library Bureau.	General supplies.	12 50
O 723	do.	E. S. Barlow.	Printing.	72 50
O 724	do.	J. Horace McFarland Co.	Laboratory apparatus.	4 15
O 725	do.	C. C. Short.	General supplies.	6 00
O 726	do.	Ansco Co.	do.	5 03
O 727	do.	Eimer & Amend.	Laboratory supplies.	170 80
O 728	do.	C. P. Goerz American Optical Co.	Laboratory apparatus.	49 94
O 729	do.	B. A. Strauch.	General supplies.	5 85
O 730	do.	Burke & James.	do.	3 71
O 731	do.	Geo. Murphy, Inc.	Apparatus repairs.	24 04
O 732	do.	G. Cramer Dry Plate Co.	General supplies.	70 20
O 733	do.	Sweet Wallack & Co.	do.	6 98
O 734	do.	Denver Fire Clay Co.	do.	153 50
O 735	do.	White Line Steam Laundry.	Laundry.	54 60
O 736	do.	The Ohio & Western Lime Co.	General supplies.	3 71
O 737	do.	Henry A. Dreer, Inc.	do.	3 05
O 738	do.	Hibbard, Spencer, Bartlett & Co.	do.	1 36
O 739	do.	Eisner Grocery Co.	do.	17 05
O 740	do.	Hartsburg Grain Coal & Lumber Co.	do.	20 70
O 741	do.	Niagara Clip Co.	Clips.	28 47
O 742	do.	The Weis Mfg. Co.	General supplies.	83 32
O 743	do.	T. B. Newsome.	Traveling expenses.	47 45
O 744	do.	Wm. Schlotzhauer.	General labor.	28 00
O 745	do.	C. W. Crabtree.	Field work.	58 85
O 746	do.	Wm. Aten, Sr.	do.	21 97
O 747	do.	C. W. Alvord.	Lecture.	25 00
O 748	do.	McKay & Poague.	Rentals.	1,000 00
O 749	do.	Chas. C. Rees.	Traveling expenses.	20 14
O 750	do.	F. A. Fisher.	do.	58 22
O 751	do.	Commercial Telephone & Telegraph Co.	Telephone and telegraph.	6 20
O 752	do.	C. C. Logan.	Traveling expenses.	21 63
O 753	do.	E. E. Hoskins.	do.	34 21
O 754	do.	O. M. McGhee.	do.	10 53
O 755	do.	Albert Tate.	Field work.	104 50
O 756	do.	H. J. Snider.	Traveling expenses.	25 19
O 757	do.	R. W. Dickenson.	do.	56 73
O 758	do.	F. W. Wascher.	do.	67 37
O 759	do.	H. C. Wheeler.	do.	50 60
O 760	do.	M. R. Carlson.	do.	10 79
O 761	do.	University Club.	do.	22 30
O 762	Aug. 5	Cleveland Grain Co.	Feeding stuffs.	1,162 50
O 763	Aug. 6	J. D. White.	Postage.	325 00
O 764	do.	Wells Bros. Co.	Laboratory supplies.	23 00
O 765	do.	Pratt & Whitney Co.	do.	79 24
O 766	do.	Brown & Sharpe Mfg. Co.	do.	83 33
O 767	do.	The L. S. Starrett Co.	do.	5 08
O 768	do.	L. D. Coffman.	Lecture.	10 00
O 769	do.	C. W. Stone.	do.	15 00
O 770	do.	Pearl Adams.	General labor.	95 80

## OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1914			
O 771	Aug. 6	Maude Campbell.	Clerical.	\$ 49 00
O 772	do.	O. E. Staples, Bursar.	General labor.	827 62
O 773	do.	O. E. Staples, Bursar.	do.	155 93
O 774	do.	M. J. Falletti.	Research work.	16 80
O 775	do.	P. A. Hangar.	Milk tester.	50 00
O 776	do.	H. H. Harris.	Assistant in creamery.	39 20
O 777	do.	O. E. Staples, Bursar.	Student labor.	220 68
O 778	do.	O. E. Staples, Bursar.	Clerical work.	49 00
O 779	do.	O. E. Staples, Bursar.	Student labor.	53 26
O 780	do.	O. E. Staples, Bursar.	do.	122 68
O 781	do.	Frank Turner.	Clerical work.	53 60
O 782	do.	T. J. Kilpatrick.	Farm machinery.	56 60
O 783	do.	Louis Melind Co.	Supplies.	1 17
O 784	do.	Jno. B. Bennett.	General supplies.	3 51
O 785	do.	Walker & Mulliken.	do.	14 00
O 786	do.	W. Lewis & Co.	do.	3 40
O 787	do.	Metzler & Schafer Co.	do.	49 48
O 788	do.	John H. Doyle.	do.	26 39
O 789	do.	Champaign Steam Laundry.	Laundry.	53 46
O 790	do.	Illinois State Reformatory.	Publications.	85 15
O 791	do.	Flanagan-Pearson Co.	do.	383 16
O 792	do.	B. E. Spalding.	General supplies.	2 35
O 793	do.	Champaign Seed Co.	do.	9 22
O 794	do.	Twin City Ice & Cold Storage Co.	Incidentals.	84 00
O 795	do.	S. E. Huff & Co.	General supplies.	125 40
O 796	do.	Hunter Rourke & Co.	Building repairs.	109 08
O 797	do.	Western Electric Co.	Office equipment.	24 46
O 798	do.	Reliable Plumbing & Heating Co.	Supplies.	68 27
O 799	do.	Henry F. Michell Co.	Laboratory apparatus.	14 25
O 800	do.	W. F. Hardy.	Farm machinery.	5 00
O 801	do.	R. C. Carothers.	Anatomy salary.	50 00
O 802	do.	Sweet Wallach & Co.	Apparatus repairs.	1 00
O 803	do.	Anso Co.	General supplies.	5 67
O 804	do.	Armour & Co.	Laboratory supplies.	10 20
O 805	do.	Bausch & Lomb Optical Co.	do.	16 08
O 806	do.	John Lauson Mfg. Co.	Machinery repairs.	1 06
O 807	do.	F. M. Leslie.	General supplies.	4 50
O 808	do.	Eisner Grocery Co.	do.	3 77
O 809	do.	Derrough & Co.	do.	1 20
O 810	do.	White Line Steam Laundry.	Laundry.	22 63
O 811	do.	The University Club.	Traveling expenses.	2 20
O 812	do.	Chicago Steel Tape Co.	Apparatus repairs.	5 85
O 813	do.	Conder & Quayle.	Sundries.	21 00
O 814	do.	J. W. Butler Paper Co.	Office supplies.	17 28
O 815	do.	Farrar & Quinlan.	Food stuffs.	60 43
O 816	do.	Twin City Creamery Co.	do.	29 79
O 817	do.	Arthur T. Boddington.	General supplies.	1 96
O 818	do.	Smith & Co.	do.	50 00
O 819	do.	International Press Clipping Bureau.	Incidentals.	5 00
O 820	do.	O. Trotter.	Feeding stuffs.	154 55
O 821	do.	D. R. Lee.	do.	64 64
O 822	do.	Morris & Co.	Feeding stuffs.	150 00
O 823	do.	O. E. Shobe & Co.	Sundries.	6 00
O 824	do.	D. T. Dobbins.	Feeding stuffs.	3 25
O 825	do.	Alex Harman & Son.	General supplies.	11 95
O 826	do.	Commercial Telephone & Telegraph Co.	Rentals.	20 05
O 827	do.	Eugene Dietzgen & Co.	Apparatus repairs.	31 45
O 828	do.	C. C. C. & St. L. Ry. Co.	Freight.	73 20
O 829	do.	Illinois Traction System.	do.	185 59
O 830	do.	The Wabash R. R. Co.	do.	37 51
O 831	do.	Illinois Central R. R. Co.	do.	2 28
O 832	Aug. 7	Pay roll.	July, 1914.	331 13
O 833	do.	O. E. Staples, Bursar.	Student labor.	60 63
O 834	do.	O. E. Staples, Bursar.	do.	60 60
O 835	do.	Pay roll.	July, 1914.	334 70
O 836	do.	O. E. Staples, Bursar.	General labor.	132 96
O 837	do.	H. D. Oberdorfer.	Traveling expenses.	13 79
O 838	do.	The H. A. Strauss Data-Card Service.	Incidental.	5 00
O 839	do.	Fairbanks, Morse & Co.	Apparatus repairs.	2 10
O 840	do.	Irving-Pitt Mfg. Co.	Office supplies.	20 12
O 841	do.	Boggs & Roney.	General supplies.	7 25
O 842	do.	Spring Brothers.	do.	76 00
O 843	do.	Thos. E. Coale Lumber Co.	Laboratory supplies.	930 33
O 844	do.	J. E. Whitechurch.	Traveling expenses.	41 58
O 845	do.	Harrison Fahrnkopf.	do.	13 58
O 846	do.	Charles A. Campbell.	do.	97 42
O 847	do.	Swartz Electric Shop.	Laboratory supplies.	1 50
O 848	do.	Rogers, Brown & Co.	do.	66 96



## OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1914			
O 849	Aug. 7	Urbana Courier Co.	Printing.	\$ 24 00
O 850	..do..	J. S. Reimund.	General supplies.	44 65
O 851	..do..	Herf & Frerichs Chemical Co.	..do..	45 80
O 852	..do..	Watson Faulkner.	Sundries.	2 60
O 853	..do..	Creamery Package Mfg. Co.	General supplies.	2 70
O 854	..do..	Pratt & Whitney Co.	Laboratory supplies.	2 62
O 855	..do..	W. F. Campbell.	Clerical work.	37 35
O 856	..do..	Herman Dale.	Helper at Poultry Farm.	23 10
O 857	..do..	Herman Dale.	Helper at Sheep Barn.	50 60
O 858	..do..	F. W. Farley.	Helper at Beef Cattle Barn.	38 20
O 859	..do..	H. P. Thurlow.	Helper at Horse Barn.	63 00
O 860	..do..	Joe Longueville.	Clerical work.	18 23
O 861	..do..	Gladys Smith.	..do..	14 80
O 862	Aug. 8	John H. Thornbury.	General supplies.	8 00
O 863	..do..	Montgomery Ward & Co.	Laboratory supplies.	20 75
O 864	..do..	National Lead Co.	Red lead.	23 81
O 865	..do..	W. Lewis & Co.	Supplies.	24 16
O 866	..do..	Automatic Electric Co.	Electrical supplies.	15 00
O 867	..do..	Hoosier Mfg. Co.	Soap.	7 35
O 868	..do..	Buffalo Meter Co.	Supplies.	27 20
O 869	..do..	Benjamin Moore & Co.	..do..	118 13
O 870	..do..	Jas. H. Rice Co.	..do..	2 25
O 871	..do..	American Linseed Co.	Linseed oil.	28 17
O 872	..do..	Geo. B. Carpenter Co.	Cotton waste.	12 82
O 873	..do..	Shapleigh Howe Co.	Corbin checks.	134 61
O 874	..do..	C. G. Cox.	Traveling expenses.	5 65
O 875	..do..	I. Paley.	..do..	5 33
O 876	Aug. 10	Mallory & Mitchell.	Advertising.	33 18
O 877	..do..	The Bulletin of Pharmacy.	..do..	7 50
O 878	..do..	Kraut & Dohnal.	Laboratory supplies.	10 00
O 879	..do..	Charles J. Davis.	Apparatus repairs.	41 40
O 880	..do..	John Chatillon & Sons.	Laboratory apparatus.	16 50
O 881	..do..	A. S. Nelson & Son.	General supplies.	1 40
O 882	..do..	Siemens & Halske.	..do..	15 00
O 883	..do..	Chas. F. Witt Est.	..do..	1 50
O 884	..do..	Soft Water Laundry.	Laundry.	9 90
O 885	..do..	American Chemical Society.	Publications.	6 72
O 886	..do..	L. C. Lord.	Lectures.	200 00
O 887	..do..	Fiske Allen.	..do..	50 00
O 888	..do..	Chris C. Jensen.	Traveling expenses.	6 13
O 889	..do..	J. B. Andrews.	..do..	14 05
O 890	..do..	N. W. Hepburn.	..do..	13 69
O 891	..do..	F. W. Gault.	..do..	82 42
O 892	..do..	A. L. Mount.	..do..	17 25
O 893	..do..	H. C. Gikerson.	..do..	10 59
O 894	..do..	L. S. Baldwin.	Wages.	24 40
O 895	..do..	L. S. Baldwin.	..do..	52 20
O 896	Aug. 11	Pay roll.	..do..	60,032 77
			August, 1914.	
		Rice, G. B.	Salary.	\$ 250 00
		White, J. M.	..do..	416 66
		Kelley, Ralph, (Student).	..do..	100 00
		Filbey, E. J.	..do..	183 33
		James, Edmund J.	..do..	1,000 00
		Frazer, Geo. E.	..do..	333 33
		Cavette, F. E.	..do..	50 00
		Fair, Sue M.	..do..	80 00
		Warnock, A. R.	..do..	150 00
		Kyle, Martha J.	..do..	50 00
		Strong, Lillian.	..do..	50 00
		Huff, G. A.	..do..	416 66
		Moulton, Gertrude.	..do..	133 33
		Webster, F. D.	..do..	48 00
		Hollister, H. A.	..do..	270 83
		Eldredge, A. G.	..do..	250 00
		Bollman, Minnie J.	..do..	32 50
		Branch, Nelle.	..do..	32 50
		Breedis, John.	..do..	55 00
		Britton, F. E.	..do..	30 00
		Christy, Glenn.	..do..	18 00
		Craig, Jennie.	..do..	80 00
		Drury, F. K. W.	..do..	200 00
		Dunlap, Fannie.	..do..	60 00
		Felsenthal, Emma.	..do..	83 33
		Fontaine, E. O.	..do..	36 00
		Gibson, Mable.	..do..	27 50
		Goulding, P. S.	..do..	166 66
		Graves, C. E.	..do..	100 00
		Herdman, Margaret.	..do..	75 00

## OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
O 7896 Ctd.	1914 Aug. 11	Hubbard, Marie.....	Salary.....	\$ 27 50
		Hutchins, Margaret.....	do.....	83 33
		Janvrin, C. E.....	do.....	41 66
		Johnson, Alice.....	do.....	83 33
		Jutton, Emma.....	do.....	100 00
		Karsten, Eleanor.....	do.....	100 00
		Leatherman, Marion.....	do.....	75 00
		Patton, Adah.....	do.....	91 66
		Renich, Katherine.....	do.....	30 00
		Torrence, Mary C.....	do.....	75 00
		Windsor, P. L.....	do.....	291 66
		Simpson, G. E., (Student).....	do.....	40 00
		Roberts, Elmer.....	do.....	50 00
		Checkley, J. H.....	do.....	83 33
		Evans, Augusta D.....	do.....	83 33
		Jamison, A. W.....	do.....	166 66
		Miller, W. P.....	do.....	41 66
		Nolan, A. W.....	do.....	75 00
		Rankin, F. H.....	do.....	291 66
		Allyn, Orr.....	do.....	83 33
		Aumer, J. P.....	do.....	150 00
		Bauer, F. C.....	do.....	133 33
		Binding, L. R.....	do.....	83 33
		Brunson, A. M.....	do.....	70 00
		Burlison, W. L.....	do.....	116 66
		Clevenger, C. B.....	do.....	70 00
		Dickenson, R. W.....	do.....	83 33
		Dickerson, I. W.....	do.....	133 33
		Eckblaw, K. J. T.....	do.....	133 33
		Ellis, O. I.....	do.....	70 00
		Fahrnkopf, H. F. T.....	do.....	70 00
		Fisher, F. A.....	do.....	100 00
		Fisher, O. S.....	do.....	208 33
		Garrett, F. W.....	do.....	100 00
		Gentle, G. E.....	do.....	70 00
		Genert, W. B.....	do.....	150 00
		Gilkerson, H. C.....	do.....	70 00
		Gustafson, A. F.....	do.....	175 00
		Heck, A. F.....	do.....	70 00
		Hegnauer, Leonard.....	do.....	250 00
		Holt, S. V.....	do.....	150 00
		Hoskins, E. E.....	do.....	150 00
		Leighty, W. R.....	do.....	116 66
		Logan, C. C.....	do.....	150 00
		Mosier, J. G.....	do.....	291 66
		Niederman, Gertrude.....	do.....	100 00
		Pettit, J. H.....	do.....	250 00
		Sachs, W. H.....	do.....	133 33
		Schoonover, W. R.....	do.....	70 00
		Smith, L. H.....	do.....	291 66
		Snider, H. J.....	do.....	70 00
		Stewart, H. W.....	do.....	150 00
		Van Alstine, E.....	do.....	175 00
		Walworth, E. H.....	do.....	70 00
		Wascher, F. M. W.....	do.....	100 00
		Wheeler, H. C.....	do.....	150 00
		White, E. A.....	do.....	175 00
		Whiting, A. L.....	do.....	150 00
		Whitechurch, J. E.....	do.....	150 00
		Barto, D. O.....	do.....	200 00
		Bull, Sleeter.....	do.....	133 33
		Carmichael, W. J.....	do.....	91 66
		Coffey, W. C.....	do.....	266 66
		Detlelson, J. A.....	do.....	200 00
		Edmonds, J. L.....	do.....	208 33
		Grindley, H. S.....	do.....	291 66
		Handschin, W. F.....	do.....	200 00
		Joseph, W. E.....	do.....	150 00
		Mumford, H. W.....	do.....	416 66
		Newlin, C. I.....	do.....	100 00
		Rusk, H. P.....	do.....	208 33
		Smith, W. H.....	do.....	125 00
		Wells, J. R.....	do.....	83 33
		Yoke, J. J.....	do.....	83 33
		Hepburn, N. W.....	do.....	208 33
		Brand, R. E.....	do.....	175 00
		Crandall, W. T.....	do.....	150 00
		Fraser, W. J.....	do.....	291 66

## OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
O 896 Ctd.	1914 Aug. 11	Lloyd, J. W.	Salary	\$291 66
		Miller, Wilhelm.	do.	250 00
		Muncie, F. W.	do.	83 33
		Peltier, G. L.	do.	83 33
		Pickett, B. S.	do.	250 00
		Rees, C. C.	do.	41 66
		Robinson, C. M.	do.	100 00
		Root, R. R.	do.	208 33
		Ruth, W. A.	do.	150 00
		Sayre, C. B.	do.	70 00
		Smith, F. A. C.	do.	125 00
		Watkins, O. S.	do.	175 00
		Bevier, Isabel.	do.	250 00
		Crigler, Nina B.	do.	116 66
		Goldthwaite, Nellie.	do.	187 50
		Gray, Cora E.	do.	116 66
		Harrison, Florence.	do.	100 00
		Parsons, Maud.	do.	116 66
		Pincomb, Helena.	do.	133 33
		Seymour, Lurene.	do.	150 00
		Wheeler, Ruth.	do.	141 66
		McIntosh, D.	do.	208 33
		Richards, G. R.	do.	479 16
		Ash, Percy.	do.	208 33
		Clark, C. R.	do.	166 66
		Provine, L. H.	do.	291 66
		Ricker, N. C.	do.	291 66
		Titcomb, W. C.	do.	175 00
		Wells, N. A. ( $\frac{3}{4}$ time).	do.	104 16
		Baker, I. O.	do.	333 33
		Bowling, B. L.	do.	83 33
		Garver, N. B.	do.	141 66
		McDaniel, A. B.	do.	229 16
		Parcel, J. I.	do.	208 33
		Smith, J. E.	do.	150 00
		Wiley, C. C.	do.	141 66
		Wilson, W. M.	do.	183 33
		Biegler, F. S.	do.	166 66
		Brooks, Morgan.	do.	250 00
		Bryant, J. M.	do.	229 16
		Fiske, I. W.	do.	133 33
		James, L. V.	do.	133 33
		Faine, E. B.	do.	250 00
		Waldo, E. H.	do.	166 66
		Miller, H. W.	do.	183 33
		Porter, F. M.	do.	125 00
		Steward, R. K.	do.	141 66
		Benedict, B. W.	do.	291 66
		Dent, J. A.	do.	150 00
		Frisk, J. A.	do.	91 66
		Goodenough, G. A.	do.	291 66
		Harding, L. A.	do.	291 66
		Leutwiler, O. A.	do.	241 66
		Willard, A. C.	do.	200 00
		Andros, S. O.	do.	175 00
		Holbrook, E. A.	do.	208 33
		Stoek, H. H.	do.	416 66
		Enger, M. L.	do.	187 50
		Fleming, V. R.	do.	150 00
		Talbot, A. N.	do.	416 66
		Carman, A. P.	do.	416 66
		Knipp, C. T.	do.	233 33
		Kunz, Jakob.	do.	208 33
		Schulz, W. F.	do.	183 33
		Williams, E. H.	do.	141 66
		Watson, F. R.	do.	229 16
		Buck, A. M.	do.	150 00
		Comstock, A. F.	do.	166 66
		Schmidt, E. C.	do.	333 33
		Snodgrass, J. M.	do.	183 33
		Abrams, D. A.	do.	150 00
		Dunn, H. H.	do.	116 66
		Keller, R. B.	do.	166 66
		Kratz, A. P.	do.	133 33
		McFarland, D. F.	do.	166 66
		Moore, H. F.	do.	229 16
		Slater, W. A.	do.	150 00
		Vedder, J. N.	do.	133 33

## OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
O 896 Ctd.	1914 Aug. 11	Yensen, T. D.	Salary.	\$133 33
		Decker, E. H.	do.	291 66
		Green, Frederick	do.	291 66
		Harker, O. A.	do.	416 66
		Hale, W. G.	do.	291 66
		Pomeroy, J. N.	do.	208 33
		Vernier, C. G.	do.	291 66
		Cassiday, H. M.	do.	25 00
		Andrews, O. M.	do.	83 33
		Babcock, K. C.	do.	416 66
		Meyers, G. H.	do.	229 16
		Seymour, A. R.	do.	191 66
		Kelley, C. F.	do.	150 00
		Lake, E. J.	do.	187 50
		Stebbins, Joel	do.	291 66
		Rahn, Otto	do.	225 00
		Hottes, C. F.	do.	250 00
		Stevens, F. L.	do.	333 33
		Trelease, Wm.	do.	416 66
		Hursh, R. K.	do.	100 00
		Stull, R. T.	do.	250 00
		Balke, C. W.	do.	250 00
		Derick, C. G.	do.	166 66
		Noyes, W. A.	do.	416 66
		Parr, S. W.	do.	333 33
		Smith, G. M.	do.	166 66
		Washburn, E. W.	do.	291 66
		Weber, H. C. P.	do.	166 66
		Barton, H. J.	do.	291 66
		Canter, H. V.	do.	208 33
		Moss, C. M.	do.	250 00
		Oldfather, W. A.	do.	250 00
		Pease, A. S.	do.	250 00
		Bogart, E. L.	do.	291 66
		Chase, W. A.	do.	200 00
		Dewsnup, E. R.	do.	250 00
		Litman, Simon	do.	208 33
		Robinson, M. H.	do.	250 00
		Weston, N. A.	do.	125 00
		Anderson, L. F.	do.	229 16
		Bagley, W. C.	do.	416 64
		Coffman, L. D.	do.	291 66
		Johnston, C. H.	do.	291 66
		Miller, W. S.	do.	150 00
		Alden, R. M.	do.	375 00
		Baldwin, E. C.	do.	175 00
		Clarke, T. A.	do.	500 00
		Dodge, D. K.	do.	270 83
		Fulton, Edw.	do.	175 00
		Jones, H. S. V.	do.	183 33
		Paul, H. G.	do.	208 33
		Scott, F. W.	do.	200 00
		Sherman, S. P.	do.	308 33
		Woolbert, C. H.	do.	166 66
		Zeitlin, Jacob	do.	133 33
		Folsom, J. W.	do.	208 33
		Forbes, S. A.	do.	83 33
		MacGillivray, A. D.	do.	250 00
		Bayley, W. S.	do.	250 00
		Rolfe, C. W.	do.	250 00
		Savage, T. E.	do.	208 33
		Brooks, N. C.	do.	208 33
		Flom, G. T.	do.	233 33
		Goebel, Julius	do.	312 50
		Lessing, O. E.	do.	291 64
		Alvord, C. W.	do.	145 83
		Buck, S. J.	do.	150 00
		Duncalf, Frederick	do.	208 33
		Greene, E. B.	do.	416 66
		Larson, L. M.	do.	250 00
		Lybyer, A. H.	do.	233 33
		Robertson, W. S.	do.	208 33
		Berger, R. L.	do.	125 00
		Crathorne, A. R.	do.	166 66
		Emch, Arnold	do.	187 50
		Lytile, E. B.	do.	150 00
		Miller, G. A.	do.	291 66
		Rietz, H. L.	do.	158 33

## OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
O 896	1914 Aug. 11	Shaw, J. B.	Salary.	\$229 16
Cld.		Sisam, C. H.	do.	183 33
		Townsend, E. J.	do.	333 33
		Wahlin, G. E.	do.	116 66
		Burge, W. E.	do.	183 33
		Bode, B. H.	do.	291 66
		Daniels, A. H.	do.	333 33
		Dodd, W. F.	do.	191 66
		Garner, J. W.	do.	333 33
		Mathews, J. M.	do.	150 00
		Bentley, Madison	do.	270 83
		Sutherland, A. H.	do.	150 00
		Beck, J. B.	do.	166 66
		Carnahan, D. H.	do.	112 50
		Fitz-Gerald, J. D. II	do.	225 00
		Oliver, T. E.	do.	250 00
		Turner, L. M.	do.	150 00
		Todd, A. J.	do.	141 66
		Hayes, E. C.	do.	275 00
		Adams, C. C.	do.	137 50
		Kingsley, J. S.	do.	291 66
		Smith, Frank	do.	250 00
		Ward, H. B.	do.	416 66
		Zeleny, Chas.	do.	250 00
		Kinley, David	do.	583 33
		Wright, A. B.	do.	50 00
		Stewart, C. L.	do.	75 00
		Bond, Ethel	do.	83 33
		Curtis, Florence	do.	133 33
		Reese, E. J.	do.	133 33
		Simpson, Frances	do.	166 66
		Mills, C. H.	do.	225 00
		Schwartz, G. F.	do.	183 33
		Smith, Constance Barlow	do.	166 66
		Bartow, Edward	do.	166 66
		Hanford, W. W.	do.	60 00
		Hinds, M. E.	do.	70 00
		Mohlman, F. W.	do.	70 00
		Tanner, F. W.	do.	70 00
		Langlier, W. F.	do.	125 00
		Clark, A. H.	do.	150 00
		Day, W. B.	do.	208 33
		Snow, C. M.	do.	150 00
O 897	do.	O. E. Staples, Bursar.	Student labor.	\$ 74 20
O 898	do.	O. E. Staples, Bursar.	do.	73 85
O 899	do.	O. E. Staples, Bursar.	General labor.	673 75
O 900	do.	O. E. Staples, Bursar.	do.	99 65
O 901	do.	Nichols & Shepard Co.	Farm machinery.	7 25
O 902	do.	Morris & Co.	General supplies.	35 78
O 903	do.	C. N. Clark & Co.	Re-cut bases for drinking fountain	2 00
O 904	do.	J. L. Fidler Motor Co.	General supplies.	37 19
O 905	do.	G. W. Sheldon & Co.	Furniture.	1 40
O 906	do.	O. S. Fisher	Traveling expenses.	77 51
O 907	do.	Frank Morgan	do.	52 00
O 908	do.	Henry Pfau	do.	27 76
O 909	do.	George W. Matheny	do.	37 65
O 910	do.	R. F. Hildebrand	Blue printing	18 25
O 911	do.	The Harsham Fuller & Goodwin Co.	Laboratory supplies.	36 45
O 912	do.	University Press	Printing.	9 50
O 913	do.	Work-Organizer Specialties Co.	Office supplies.	2 94
O 914	do.	American Tamworth Swine Record Assn	Sundries.	1 00
O 915	do.	American Polan-China Record Assn.	do.	3 00
O 916	do.	Mallinckrodt Chemical Co.	Chemicals.	32 00
O 917	do.	Wm. Cooper & Nephews	General supplies.	3 00
O 918	do.	Martin Wetz	do.	2 50
O 919	do.	Marblehead Lime Co.	do.	5 25
O 920	do.	C. S. Ross	Traveling expenses.	65 87
O 921	do.	Pay roll.	August, 1914.	9,014 75
O 922	do.	Pay roll.	do.	140 00
		Lee, Henry C.	Salary.	\$40 00
		Hixon, Arthur H.	do.	60 00
		Bernard, Frank J.	do.	40 00
O 923	do.	Pay roll.	August, 1914.	95 00
		Falls, Frederick H.	Salary.	\$50 00
		Hiskey, George N.	do.	45 00
O 924	do.	Pay roll.	August, 1914.	765 00
O 925	do.	Pay roll.	do.	1,180 00
O 926	do.	Pay roll.	do.	3,446 58

## OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
1914				
O 927	Aug. 11	S. Karrer	Wages	\$ 50 00
O 928	do.	E. W. Engle	do.	62 00
O 929	do.	S. Walker	do.	46 75
O 930	do.	Arthur Hagener	do.	24 00
O 931	do.	A. P. Brown	do.	26 25
O 932	Aug. 12	Boorum & Pease Loose Leaf Book Co.	General supplies	5 70
O 933	do.	Universal Sales Co.	do.	6 08
O 934	do.	U. S. Blue Print Paper Co.	do.	14 26
O 935	do.	Hibbard Spencer Bartlett Co.	do.	4 68
O 936	do.	Alexander Lumber Co.	Racks for machine attachments	70 00
O 937	do.	D. T. Miles	Contract	400 00
O 938	do.	Western Ed. Advertising Agency	Advertising	3 75
O 939	do.	Claude Harper	Traveling expenses	11 45
O 940	do.	H. S. Grindley	do.	4 10
O 941	do.	Sleeter Bull	do.	3 85
O 942	do.	J. C. Thomas	Laboratory supplies	36 85
O 943	do.	S. C. Wilson & Co.	Feeding stuffs	49 05
O 944	do.	Sheldon Brick & Building Supply Co.	General supplies	6 60
O 945	do.	D. T. Dobbins	Feeding stuffs	17 48
O 946	do.	D. H. Lloyd	Office equipment	1 50
O 947	do.	Barnhart Bros.	Building repairs	3 87
O 948	do.	The Tablet & Ticket Co.	Office supplies	1 09
O 949	do.	W. Lewis & Co.	General supplies	1 90
O 950	do.	Stipes & Hecker	Asphalt	7 88
O 951	do.	Knowlton & Bennett	Laboratory supplies	1 00
O 952	do.	L. R. Lang	Traveling expenses	3 35
O 953	do.	W. C. Bagley	Salary administration	200 00
O 954	do.	Boland Machinery Co.	Supplies	1 65
O 955	do.	Nick Starck & Sons	General labor	60 00
O 956	do.	Borden's Condensed Milk Co.	General supplies	4 16
O 957	do.	Goodhart's Laundry	Laundry	42 52
O 958	do.	Addressograph Co.	Office equipment	1,251 65
O 959	do.	P. S. Campbell	Printing	32 25
O 960	do.	Reliable Plumbing & Heating Co.	General supplies	14 65
O 961	do.	J. W. Butler Paper Co.	Envelopes	7 45
O 962	do.	Taylor Hardware Co.	Furniture and fixtures	45 05
O 963	do.	Flanigan-Pearson Co.	Publications	88 00
O 964	do.	Maas Bros.	Supplies	4 50
O 965	do.	Chicago Telephone Co.	Telephones	37 22
O 966	do.	Illinois State Reformatory	Printing	75 25
O 967	do.	Eisner Grocery Co.	General supplies	12 19
O 968	do.	Chester Horseshoeing Co.	Sundries	16 75
O 969	do.	Chas. A. Hall Hardware Co.	Building repairs	4 65
O 970	do.	James B. Clow & Sons	Supplies	14 84
O 971	do.	Woldenberg & Schaar	General supplies	209 55
O 972	do.	E. H. Sargent & Co.	do.	745 37
O 973	do.	Metzler & Schafer Co.	do.	7 79
O 974	do.	The Burr Co.	do.	14 65
O 975	do.	Champaign Steam Laundry	Sundries	11 30
O 976	do.	S. E. Huff & Co.	Building repairs	45 40
O 977	do.	Percival & Moorehead	General supplies	7 60
O 978	do.	H. P. Rusk	Traveling expenses	24 34
O 979	do.	A. H. Barber Creamery Supply Co.	General supplies	17 00
O 980	do.	Pay roll	July, 1914	164 00
		Brumley, C. A.	Salary	\$54 00
		Craigmile, Jeannette	do.	50 00
		Small, Mark	do.	60 00
O 981	Aug. 13	S. V. Holt	Traveling expenses	125 33
O 982	do.	Stone Brothers	General supplies	4 22
O 983	do.	Ralph Chaplin	Feeding stuffs	46 13
O 984	do.	Reliable Plumbing & Heating Co.	General supplies	4 24
O 985	do.	The Glidden Varnish Co.	Floor dressing	65 05
O 986	do.	Western Kieley Steam Specialty Co.	Apparatus	9 90
O 987	do.	W. D. Allen Mfg. Co.	do.	1 09
O 988	do.	A. C. McChurg & Co.	Crayon	10 00
O 989	do.	The N. Y. C. & St. L. R. R. Co.	Freight and express	143 29
O 990	do.	D. H. Lloyd	Office supplies	16 80
O 991	do.	O. S. Watkins	Traveling expenses	48 46
O 992	do.	A. F. Gustafson	do.	31 21
O 993	do.	H. C. Wheeler	do.	60 60
O 994	do.	F. W. Wascher	do.	58 79
O 995	do.	O. I. Ellis	Printing	44 93
O 996	do.	F. A. Fisher	do.	60 65
O 997	do.	O. M. McGhee	do.	12 66
O 998	do.	H. J. Snider	do.	19 81
O 999	do.	F. W. Garrett	do.	37 59
O 1000	do.	Harrison Fahrnkopf	do.	14 14
O 1001	do.	L. Hegnauer	do.	14 25

## OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1914			
O 1002	Aug. 13	J. B. Marshall	General	\$ 164 42
O 1003	do.	C. C. Logan	Traveling expenses	16 26
O 1004	do.	L. R. Lang	do.	2 70
O 1005	do.	E. Garver	do.	9 57
O 1006	do.	H. C. Lawson	do.	17 15
O 1007	do.	Dallenbach Bros.	General supplies	111 67
O 1008	do.	F. M. Foltz	Sundries	6 00
O 1009	do.	Hoskins Mfg. Co.	Laboratory supplies	6 06
O 1010	do.	John Lauson Mfg. Co.	Freight	16 57
O 1011	do.	Crescent Paper Co.	General supplies	41 46
O 1012	do.	Cunningham Bros.	Blue printing and photograph	16 25
O 1013	do.	The Bean Soray Pump Co.	General supplies	1 49
O 1014	do.	O. E. Staples, Bursar	Student labor	54 36
O 1015	do.	O. E. Staples, Bursar	do.	44 75
O 1016	do.	O. E. Staples, Bursar	General labor	77 55
O 1017	Aug. 14	Postal Telegraph & Cable Co.	Telephone and telegraph	3 51
O 1018	do.	Home Telephone Co. of Champaign Co.	do.	1 20
O 1019	do.	The Johnston Harvester Co.	Farm machinery	89 50
O 1020	do.	J. Bowman	General supplies	11 51
O 1021	do.	Central Egg Carrier Co.	do.	6 63
O 1022	do.	Geo. E. Amsbury Co.	Feeding stuffs	423 65
O 1023	do.	The Chester White Record Assn.	Sundries	1 50
O 1024	do.	W. R. Leopard	Feeding stuffs	83 65
O 1025	do.	C. W. Johnson	Furniture repairs	24 00
O 1026	do.	Simplex Electric Heating Co.	Apparatus repairs	5 00
O 1027	do.	L. L. Olds Seed Co.	General supplies	12 35
O 1028	do.	St. Louis Basket & Box Co.	do.	3 75
O 1029	do.	F. M. Foltz	Machine repairs	6 00
O 1030	do.	George W. Pickels	Expert service	20 00
O 1031	do.	B. A. Strauch	Blue printing and photograph	39 35
O 1032	do.	Wilson Bros.	General	69 05
O 1033	do.	A. L. Marshall	General supplies	1 89
O 1034	do.	Joseph Percival	Rentals	6 60
O 1035	do.	John McCullough	Feeding stuffs	145 81
O 1036	do.	Bausch & Lomb Optical Co.	Laboratory supplies	41 00
O 1037	do.	Pay roll	July, 1914	145 60
		Welch, C. J.	Salary	\$145 60
O 1038	do.	Pay roll	August, 1914	65 00
		Roberts, Nellie	Salary	\$65 00
O 1039	do.	L. R. Lang	Traveling expenses	3 25
O 1040	do.	Underwood Typewriter Co., Inc.	Rent	3 00
O 1041	do.	Richard McFall	Field experiment	49 88
O 1042	do.	Andrew Boswell	Rentals	29 75
O 1043	do.	A. Floyd Heck	Traveling expenses	24 08
O 1044	Aug. 15	R. C. Wagner & Son	Contract	225 00
O 1045	do.	Elsner Grocery Co.	General supplies	118 87
O 1046	do.	John H. Doyle	do.	20 01
O 1047	do.	Taylor Hardware Co.	do.	369 31
O 1048	do.	F. M. Foltz	do.	4 00
O 1049	do.	Alexander Lumber Co.	General supplies	1 65
O 1050	do.	Champaign Steam Laundry	Laundry	22 84
O 1051	do.	Cunningham Bros.	General supplies	6 50
O 1052	do.	Miller Harness Co.	do.	11 15
O 1053	do.	B. A. Strauch	Blue printing and photograph	2 05
O 1054	do.	Oldham Bros.	General supplies	1 35
O 1055	do.	F. M. Leslie	do.	4 25
O 1056	do.	Twin City Ice & Cold Storage Co.	Sundries	6 50
O 1057	do.	P. P. Caproni & Bro., Inc.	Museum specimens	26 99
O 1058	do.	Patton & Klein	Feeding stuffs	94 10
O 1059	do.	James B. Clow & Sons	Building material	1 50
O 1060	do.	Knowlton & Bennett	General supplies	1 10
O 1061	do.	Chester Horseshoeing Shop	Sundries	10 00
O 1062	do.	D. H. Lloyd	General supplies	1 42
O 1063	do.	Flanigan-Pearson Co.	Printing	40 00
O 1064	do.	S. E. Huff & Co.	General supplies	8 95
O 1065	do.	The Burr Co.	do.	90 00
O 1066	do.	Hunter Rourke & Co.	Building repairs	28 80
O 1067	do.	O. E. Staples, Bursar	Student labor	82 70
O 1068	do.	O. E. Staples, Bursar	do.	35 98
O 1069	do.	O. E. Staples, Bursar	Sundry bills	4 00
O 1070	do.	O. E. Staples, Bursar	General labor	291 19
O 1071	do.	Western Union Telegraph Co.	Telephone and telegraph	42 90
O 1072	do.	Receivers, Central Union Telephone Co.	do.	25 36
O 1073	do.	Western Union Telegraph Co.	do.	30 14
O 1074	Aug. 17	E. H. Sargent & Co.	Laboratory supplies	1,109 39
O 1075	do.	O. E. Staples, Bursar	Student labor	230 18
O 1076	do.	O. E. Staples, Bursar	General labor	845 98
O 1077	Aug. 18	Louis Melind Co.	Office supplies	3 00

## OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
<b>1914</b>				
O 1078	Aug. 18	The Tablet & Ticket Co.	Office supplies.	\$ 96
O 1079	do.	Electric Coal Co.	Contract.	1,203 46
O 1080	do.	William Schlotzhauer.	General.	30 00
O 1081	do.	Alfred Bergren.	do.	41 90
O 1082	do.	H. J. Snider.	Traveling expenses.	8 83
O 1083	do.	F. W. Gault.	do.	82 38
O 1084	do.	Frank Turner.	do.	19 22
O 1085	do.	C. W. Davis.	Furniture and fixtures.	24 80
O 1086	do.	Fitted Steel Sash Co.	do.	22 77
O 1087	do.	American LaFrance Fire Engine Co.	Leather caskets.	2 50
O 1088	do.	James B. Clow & Sons.	General supplies.	31 72
O 1089	do.	Keuffel & Esser Co.	do.	50 81
O 1090	do.	General Electric Co.	Brushes.	4 54
O 1091	do.	James M. White.	Traveling expenses.	36 21
O 1092	do.	J. W. Butler Paper Co.	Office supplies.	529 02
O 1093	do.	O. M. Allyn.	Traveling expenses.	164 94
O 1094	do.	Franz A. Aust.	do.	16 55
O 1095	do.	C. E. Durst.	do.	12 78
O 1096	do.	Harry C. Gilkerson.	do.	38 14
O 1097	do.	A. Floyd Heck.	do.	16 86
O 1098	do.	Alf Dartt.	General.	21 32
O 1099	do.	Jacob Ten Boer.	do.	32 20
O 1100	do.	Derrought & Co.	Building material.	18 20
O 1101	Aug. 20	Indian Refining Co.	General supplies.	62 70
O 1102	do.	Alexander Lumber Co.	Building material.	103 90
O 1103	do.	Hunter Bourke & Co.	Laboratory supplies.	401 90
O 1104	do.	Walker & Mulliken.	Shade fixtures.	2 75
O 1105	do.	W. A. Noyes.	Traveling expenses.	5 04
O 1106	do.	Stephen Rogers.	General.	122 90
O 1107	do.	William Webb.	do.	121 92
O 1108	do.	C. C. Logan.	Traveling expenses.	10 35
O 1109	do.	F. W. Gault.	do.	54 91
O 1110	do.	O. M. McChes.	do.	10 81
O 1111	do.	H. C. Gilkerson.	do.	62 91
O 1112	do.	O. S. Fisher.	do.	76 22
O 1113	do.	J. E. Whitchurch.	do.	56 07
O 1114	do.	A. F. Gustafson.	do.	17 62
O 1115	do.	F. A. Fisher.	do.	70 42
O 1116	do.	H. C. Wheeler.	do.	55 48
O 1117	do.	L. A. Hunter.	do.	14 99
O 1118	do.	Oriand I. Elles.	do.	29 55
O 1119	do.	The Burr Co.	General supplies.	187 79
O 1120	do.	Cyphers Incubator Co.	Feeding stuffs.	1 30
O 1121	do.	Automatic Electric Co.	Electrical supplies.	25 00
O 1122	do.	C. J. Welch.	General.	55 87
O 1123	do.	F. K. Robeson.	General supplies.	43 11
O 1124	do.	Champaign & Urbana Water Co.	Apparatus repairs.	13 00
O 1125	do.	C. A. Hughes.	Traveling expenses.	23 81
O 1126	do.	J. L. Edmonds.	do.	10 74
O 1127	do.	Central Electric Co.	Electrical supplies.	12 80
O 1128	do.	American LaFrance Fire Engine Co.	Hose.	18 90
O 1129	do.	Reliable Plumbing & Heating.	General supplies.	2 47
O 1130	do.	Sheldon Brick & Building Supply Co.	Building material.	20 75
O 1131	do.	The Babcock & Wilcox Co.	General supplies.	1 61
O 1132	do.	J. L. Fidler Motor Co.	Apparatus repairs.	3 00
O 1133	do.	S. E. Huff & Co.	General supplies.	32 40
O 1134	do.	J. H. Percival.	General.	37 20
O 1135	Aug. 21	Western Electric Co.	Electrical supplies.	203 41
O 1136	do.	Bacon Bros.	Apparatus repairs.	47 30
O 1137	do.	National Lead Co.	General supplies.	78 80
O 1138	do.	H. W. Johns-Manville Co.	do.	14 89
O 1139	do.	Geo. B. Carpenter Co.	do.	34 88
O 1140	do.	Johnson Bros.	do.	3 67
O 1141	do.	The Babcock & Wilcox Co.	Apparatus repairs.	5 13
O 1142	do.	Edward Smith & Co.	General supplies.	59 32
O 1143	do.	Pittsburgh Meter Co.	Eureka strainer.	5 00
O 1144	do.	Detroit Graphite Co.	General supplies.	6 00
O 1145	do.	John H. Doyle.	do.	7 80
O 1146	do.	The Carson, Payson Co.	do.	9 86
O 1147	do.	Western Valve Co.	Farm machinery.	6 26
O 1148	do.	W. W. Walls & Co.	Building repairs.	3 36
O 1149	do.	B. T. Englis.	Wages.	60 00
O 1150	do.	H. D. Brown.	do.	70 00
O 1151	do.	E. F. Murphy.	do.	55 00
O 1152	do.	Marie Halton.	do.	50 00
O 1153	Aug. 24	O. E. Staples, Bursar.	Student labor.	69 45



## OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1914			
O 1154	Aug. 24	O. E. Staples, Bursar	General labor	\$ 164 98
O 1155	do.	W. J. Carmichael	Traveling expenses	8 32
O 1156	do.	S. V. Holt	do	83 49
O 1157	do.	Frank Turner	do	8 40
O 1158	do.	J. G. Mosier	do	2 81
O 1159	do.	F. W. Wascher	do	67 07
O 1160	do.	P. W. Kessinger	Experimental field work	64 98
O 1161	do.	John H. Doyle	General supplies	23 02
O 1162	do.	B. A. Strauch	Laboratory supplies	38 08
O 1163	do.	Champaign Seed Co.	Feed stuffs	25 33
O 1164	do.	F. K. Robeson	General supplies	6 85
O 1165	do.	Bacon Bros.	do	17 91
O 1166	do.	Alexander Lumber Co.	Lumber	29 64
O 1167	do.	D. T. Dobbins	Feed stuffs	11 26
O 1168	do.	Central Supply Co.	General supplies	116 88
O 1169	do.	Perceival & Moorehead	Hardware	1 30
O 1170	do.	Taylor Hardware Co.	do	10 39
O 1171	do.	The J. B. Ford Co.	General supplies	24 50
O 1172	do.	Elmer Frazier	Feed stuffs	55 50
O 1173	do.	Eisner Grocery Co.	do	7 50
O 1174	do.	A. S. Nelson & Sons	Laboratory supplies	6 40
O 1175	do.	Ernst Leitz	do	5 47
O 1176	do.	Johnson & Pogle	Wells	20 90
O 1177	do.	George L. Koch	Feed stuffs	12 94
O 1178	do.	Miller Harness Co.	General supplies	6 50
O 1179	do.	Fulton Bag & Cotton Mills	do	43 71
O 1180	do.	S. F. Kelley	do	5 00
O 1181	do.	E. H. Sargent & Co.	Laboratory supplies	18 50
O 1182	do.	Metzler & Schafer Co.	General supplies	4 57
O 1183	do.	Benjamin Moore & Co.	Laboratory supplies	165 38
O 1184	do.	Blanke Mfg. & Supply Co.	General supplies	10 10
O 1185	do.	Bausch & Lomb Optical Co.	Laboratory supplies	175 00
O 1186	do.	Dallenbach Bros.	do	1 15
O 1187	do.	Western Electric Co.	Telephone apparatus	571 30
O 1188	do.	Automatic Electric Co.	do	18 65
O 1189	do.	Keuffel & Esser Co. of New York	General supplies	1 52
O 1190	do.	John B. Bennett	Repair work	2 95
O 1191	do.	Johnson Bros.	Plumbing apparatus	9 29
O 1192	do.	Western Valve Co.	Radiator valves	5 47
O 1193	do.	Bacon Bros.	Laboratory apparatus	152 29
O 1194	do.	Pay roll	August, 1914	3,568 83
		Argo, Roy	Salary	\$55 00
		Barto, Lucy M.	do	20 00
		Chaplin, Ralph	do	60 00
		Crawford, T. P.	do	12 50
		Dale, Fred	do	50 00
		Engle, W. J.	do	70 00
		Grabbe, Florence H.	do	50 00
		Hampton, W. J.	do	75 00
		Harolle, Claude	do	40 00
		Hough, William	do	83 33
		Jenkins, Elmer	do	60 00
		Jensen, George	do	55 00
		Kelley, J. R.	do	57 50
		McGregor, Mary	do	40 00
		McQueen, H. D.	do	50 00
		Meenach, Earl	do	65 00
		Mink, George	do	47 50
		Nesbit, Lawrence	do	55 00
		Palfrey, J. R.	do	75 00
		Patterson, Will	do	50 00
		Pergande, R.	do	95 00
		Pine, Fred	do	75 00
		Pritchard, H.	do	70 00
		Pritchard, R.	do	70 00
		Rhoads, Hazel	do	60 00
		Rose, M. D.	do	52 50
		Sanders, Frank	do	50 00
		Shipman, Cash	do	50 00
		Smith, J. F.	do	70 00
		Sprinkle, D. C.	do	50 00
		Stivers, M. F.	do	50 00
		Stoneburner, A. J.	do	50 00
		Walter, Philip	do	37 50
		Wilson, R. W.	do	65 00
		Magnuson, A. O.	do	80 00
		Askins, Levi Roy	do	50 00
		Boswell, Andrew	do	42 00

## OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
O 1194	1914			
Cld.	Aug. 24	Boswell, James	Salary	\$50 00
		Brentlinger, Emmett P.	do.	50 00
		Brooks, D. T.	do.	50 00
		Brown, C. F.	do.	50 00
		Brown, Edward	do.	50 00
		Dillion, Jasper	do.	55 00
		Eaton, Ralph	do.	48 00
		Egelston, Asa T.	do.	40 00
		Engle, Lawrence	do.	50 00
		Flocken, John Beck	do.	60 00
		Gossett, J. O.	do.	60 00
		Hamlin, Clyde	do.	55 00
		Hamlin, Hiram	do.	45 00
		Herbert, J. J.	do.	85 00
		Lewis, W. S.	do.	45 00
		Mapes, Henry	do.	48 00
		Marsh, W. T.	do.	50 00
		Miller, W. W.	do.	75 00
		Moore, H. E.	do.	50 00
		Muhleman, Elizabeth	do.	50 00
		Pollard, Charles	do.	50 00
		Prewitt, Floyd E.	do.	50 00
		Ross, Roy M.	do.	80 00
		Turner, Chester	do.	50 00
		Utterback, Hugh	do.	45 00
		Utterback, L.	do.	50 00
		Williamson, Hiram	do.	50 00
		Zackmire, C. E.	do.	50 00
O 1195	do.	O. E. Staples, Bursar	General labor	\$778 28
O 1196	do.	O. E. Staples, Bursar	Student labor	132 70
O 1197	Aug. 28	Claude Harper	do.	83 33
O 1098	do.	E. T. Ebersol	do.	60 00
O 1099	do.	Lambert Thorp	do.	150 00
O 1200	do.	G. A. Maney	do.	80 00
O 1201	do.	Robert W. Stark	do.	100 00
O 1202	Aug. 27	Twin City Ice & Cold Storage Co.	Ice book	2 00
O 1203	do.	L. L. Olds Seed Co.	General supplies	9 47
O 1204	do.	W. Lewis & Co.	do.	7 22
O 1205	do.	Taylor Hardware Co.	do.	2 60
O 1206	do.	Whitall Tatum Co.	Laboratory supplies	16 21
O 1207	do.	H. Swannell & Son	do.	7 70
O 1208	do.	Chicago Retort & Fire Brick Co.	Machine repairs	330 10
O 1209	do.	R. L. Kelley	Traveling expenses	10 34
O 1210	do.	Alfred Cole	Food stuffs	76 20
O 1211	do.	Sweet Wallach & Co.	General supplies	9 00
O 1212	do.	The Bean Spray Pump Co.	Machine repairs	2 11
O 1213	do.	H. C. Wheeler	Traveling expenses	62 13
O 1214	do.	F. A. Fisher	do.	52 52
O 1215	do.	S. V. Holt	do.	25 17
O 1216	do.	Harrison Fahrnkopf	do.	22 85
O 1217	do.	C. C. Logan	do.	22 60
O 1218	do.	Herbert W. Mumford	do.	23 14
O 1219	do.	Orland I. Ellis	do.	19 80
O 1220	do.	F. W. Wascher	do.	61 35
O 1221	do.	H. E. Crouch	do.	4 50
O 1222	do.	E. E. Hoskins	do.	40 90
O 1223	do.	G. W. Medley	Experiment field expenses	25 13
O 1224	do.	O. M. McGhee	Traveling expenses	17 58
O 1225	do.	The Tablet & Ticket Co.	General supplies	23 95
O 1226	do.	John H. Doyle	do.	9 22
O 1227	do.	Eimer & Amend	Chemicals	9 86
O 1228	do.	Indian Refining Co.	General supplies	5 83
O 1229	do.	Harris-Dillavou & Co.	do.	1 35
O 1230	do.	The Kentucky Tobacco Product Co.	do.	3 37
O 1231	do.	American Woodenware Mfg. Co.	do.	20 00
O 1232	do.	Keuffel & Esser Co. of New York	Laboratory supplies	200 00
O 1233	do.	Elwood Haynes	do.	2 94
O 1234	Aug. 29	R. C. Wagner & Son	Teaming	172 53
O 1235	do.	The Chester Transfer Co.	Freight	40 63
O 1236	do.	Hibbard, Spencer Bartlett & Co.	General supplies	220 13
O 1237	do.	O. E. Staples, Bursar	Student labor	243 55
O 1238	do.	O. E. Staples, Bursar	Sundry bills	120 30
O 1239	do.	Taylor Hardware Co.	General supplies	88 84
O 1240	do.	H. W. Johns-Manville Co.	Laboratory supplies	14 38
O 1241	do.	Williams Bros.	do.	11 80
O 1242	do.	James B. Clow & Sons	General supplies	135 87
O 1243	do.	G. C. Willis	do.	50 00
O 1244	do.	Hunter Rourke & Co.	Lumber	87 75

## OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
1914				
O 1245	Aug. 29	Rogers & Hall Co.	Publications	\$157 66
O 1246	do.	Harry Herrick	Laboratory supplies	10 90
O 1247	do.	Sheldon Brick & Building Supply Co.	Brick	8 00
O 1248	do.	Northwestern Compo-Board Co.	General supplies	8 75
O 1249	do.	C. H. Besly & Co.	do.	1 43
O 1250	do.	J. L. Edmonds	Traveling expenses	15 74
O 1251	do.	H. C. Gilkerson	do.	27 17
O 1252	do.	P. M. Gunnell	Wages	60 00
O 1253	do.	W. L. Bennett	do.	70 00
O 1254	do.	S. C. Skemp	do.	54 50
O 1255	Aug. 31	O. E. Staples, Bursar	General labor	829 41
O 1256	do.	O. E. Staples, Bursar	Student labor	201 00
O 1257	do.	The Burr Co.	Machine repairs	3 15
O 1258	do.	Crane Co.	Valves, pipes, etc.	45 41
O 1259	do.	The Western Electric Co.	Switch boxes, etc.	18 94
O 1260	do.	American Radiator Co.	Radiators, valves	19 09
O 1261	do.	Fred J. Blackburn	Traveling expenses	26 65
O 1262	do.	David M. Fyffe	do.	24 65
O 1263	do.	J. W. Dunlap	Mason work	60 25
O 1264	do.	James B. Clow & Sons	Pipes, etc.	18 81
O 1265	do.	D. T. Dobbins	Sheeling	6 00
O 1266	do.	Percival & Moorehead	Building material	16 63
O 1267	do.	The Frederick Post Co.	General supplies	15 00
O 1268	do.	Sweet Wallach & Co.	do.	10 39
O 1269	do.	Anseo Co.	do.	4 76
O 1270	do.	G. Cramer Dry Plate Co.	Plates	17 01
O 1271	do.	Corn Products Refining Co.	Supplies	32 70
O 1272	do.	Creamery Package Mfg. Co.	Gauge	14 40
O 1273	do.	Eisner Grocery Co.	Mason jars	48 30
O 1274	do.	Twin City Ice & Cold Storage Co.	Coupon books	50 00
O 1275	do.	Chas. A. Hall Hardware Co.	Rye	13 00
O 1276	do.	P. S. Campbell	Printing	4 00
O 1277	do.	Review Printing & Stationery Co.	do.	25 00
O 1278	do.	S. E. Huff & Co.	Lumber	3 35
O 1279	do.	Pay roll	August, 1914	266 66
O 1280	do.	E. R. Math	Salary	\$266 66
		Pay roll	August, 1914	359 45
		G. W. Meyers	Salary	105 30
		L. C. Bernard	do.	72 80
		R. L. Kelley	do.	25 00
		W. H. Boyer	do.	95 00
		M. W. Watson	do.	61 35
O 1281	do.	G. Cramer Dry Plate Co.	Supplies	10 94
O 1282	do.	Thos. J. Dee & Co.	do.	41 46
O 1283	do.	Parke Davis & Co.	do.	13 28
O 1284	do.	Mallory Mitchell & Faust	Advertising	202 36
O 1285	do.	C. L. Frame Dental Supply Co.	Wax	75
O 1286	do.	Consumers Co.	Ice	13 00
O 1287	do.	Woods Hospital Supply Co.	Glycerine	133 20
O 1288	do.	Crane Co.	Engine supplies	10 75
O 1289	do.	D. Shor	Laboratory stores	467 75
O 1290	do.	E. H. Sargent & Co.	Supplies	4 50
O 1291	do.	Western Lumber Co.	General repairs	2 36
O 1292	do.	Colonial Hospital Supply Co.	Laboratory stores	21 25
O 1293	do.	The A. P. W. Paper Co.	Janitor's supplies	39 00
O 1294	do.	J. M. Smith	Repairs	1 35
O 1295	do.	H. F. Bremer	Medical repairs	47 24
O 1296	do.	The Tribune Co.	Advertising	1 40
O 1297	do.	The Arthur H. Thomas Co.	Supplies	19 87
O 1298	do.	Harry Ericsson, Commission of Build- ings	Inspection of elevator	2 00
O 1299	do.	American Felt Co.	Felt	12 15
O 1300	do.	Physicians' Supply & Drug Co.	Supplies	40
O 1301	do.	Mallory, Mitchell & Faust	Advertising	534 16
O 1302	do.	V. Mueller & Co.	Laboratory supplies	530 15
O 1303	do.	A. C. McClurg & Co.	do.	64 18
O 1304	do.	Hamblin Plumbing Co.	Repairs	27 58
O 1305	do.	Maas Brothers	Supplies	18 65
O 1306	do.	V. Mueller & Co.	do.	152 50
O 1307	do.	Ahrens & Schreiner	do.	37 13
O 1308	do.	Morrison, Plummer & Co.	do.	65 66
O 1309	do.	R. D. Swisher Mfg. Co.	Office supplies	1 30
O 1310	do.	Barron Bros. Coal Co.	Feed	6 59
O 1311	do.	Hunter Rourke & Co.	Lumber	9 00
O 1312	do.	C. A. Hall Hardware Co.	Barb wire	2 45
O 1313	do.	The Burr Co.	Repairs	3 00
O 1314	do.	Johnson & Fogle	Screen	13 20
O 1315	do.	Barnhart Bros.	Wire cloth	3 60

## OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
1914				
O 1316	Aug. 31	Sharp & Smith	Supplies	\$ 6 07
O 1317	do.	The R. Woodman Mfg. & Supply Co.	Chicken punches	2 08
O 1318	do.	S. E. Huff & Co.	Lumber	26 15
O 1319	do.	A. S. Nelson & Sons	General supplies	3 96
O 1320	do.	The Engineering Magazine	Advertising	2 09
O 1321	do.	Wm. Gaertner & Co.	Apparatus repairs	9 48
O 1322	do.	E. W. Mattoon	Negatives	9 00
O 1323	do.	The Geo. J. Roberts Co.	Packings, etc.	3 76
O 1324	do.	Baker-Vawter Co.	Panels, guides	36 90
O 1325	do.	The Thermal Syndicate, Ltd.	Triangles	4 53
O 1326	do.	Pantagraph Printing & Stationery Co.	Printing	100 00
O 1327	do.	Albert E. Wuesteman	Repairs	2 75
O 1328	do.	D. H. Burrell & Co.	General supplies	34 20
O 1329	do.	Wm. Dillman	Feed	77 97
O 1330	do.	German Kali Works	Supplies	102 99
O 1331	do.	E. H. Sargent & Co.	do.	212 45
O 1332	do.	E. H. Sargent & Co.	do.	119 45
O 1333	do.	Percival & Moorehead	General supplies	3 35
O 1334	do.	Elmer & Amend	Laboratory supplies	130 88
O 1335	do.	Woldenberg & Schaer	do.	1,001 17
O 1336	do.	Woldenberg & Schaer	do.	72 21
O 1337	do.	Osgood Co.	General supplies	126 86
O 1338	Sept. 3	E. H. Sargent & Co.	Laboratory supplies	66 88
O 1339	do.	Siegel Cooper & Co.	Laboratory apparatus	8 03
O 1340	do.	Crane Co.	General supplies	63 20
O 1341	do.	James B. Clow & Sons	do.	201 82
O 1342	do.	Illinois State Reformatory	Office supplies	94 80
O 1343	do.	M. A. Donohue & Co.	do.	19 70
O 1344	do.	Metzler & Schafer Co.	General supplies	18 95
O 1345	do.	C. F. Goodman	Traveling expense	18 35
O 1346	do.	Louis Hawk	General	20 00
O 1347	do.	L. B. Souder	Laundry	17 00
O 1348	do.	Kenuff & Esser Co.	General supplies	3 30
O 1349	do.	J. W. Butler Paper Co.	do.	96 50
O 1350	do.	Irving Pitt Mfg. Co.	Supplies	4 34
O 1351	do.	Gaylord Bros.	Success binder	1 20
O 1352	do.	Jones & Laughlin Steel Co.	Supplies	6 30
O 1353	do.	American LaFrance Fire Engine Co.	General supplies	105 60
O 1354	do.	American Radiator Co.	Radiator valves	4 68
O 1355	do.	J. F. Auld	Material and labor	25 93
O 1356	do.	The Fitch Dustdown Co.	Mops	60 00
O 1357	do.	Jewell Belting Co.	Supplies	29 09
O 1358	do.	McKey & Pogue, Agents	Rent	500 00
O 1359	do.	D. C. Andrews & Co.	Freight	4 63
O 1360	do.	John Reichard	Feeding stuff	49 60
O 1361	do.	Western Electric Co.	Electrical supplies	16 77
O 1362	do.	Hunter Bourke & Co.	Building repairs	2 56
O 1363	do.	Anseo Co.	General supplies	5 34
O 1364	do.	Frank A. Somers	Contract	155 00
O 1365	do.	Coon Bros.	Freight	5 40
O 1366	do.	Macbeth-Evans Glass Co.	Electrical material	6 70
O 1367	do.	Link Belt Co.	Roller chain	308 00
O 1368	do.	O. A. Keller	Traveling expense	12 34
O 1369	do.	H. A. Ruehe	do.	14 34
O 1370	do.	Peter J. Krayser	Laboratory supplies	15 00
O 1371	do.	Geo. Murphy, Inc.	General supplies	10 33
O 1372	do.	International Press Clipping Bureau	Incidentals	5 00
O 1373	do.	Poote Mineral Co.	Laboratory supplies	135 00
O 1374	do.	Woldenberg & Schaer	do.	2 65
O 1375	do.	Stebbins Hardware Co.	do.	33 00
O 1376	do.	American Cutlery Co.	do.	24 15
O 1377	do.	John V. Farwell Co.	do.	59 48
O 1378	do.	J. W. Butler Paper Co.	Office supplies	22 52
O 1379	do.	H. S. McCracken Box & Label Co.	Laboratory supplies	7 00
O 1380	do.	J. W. Spalding	Horseshoeing	4 00
O 1381	do.	L. L. Olds Seed Co.	General supplies	3 74
O 1382	do.	A. S. Nelson & Sons	do.	5 40
O 1383	do.	Scott Foresman & Co.	do.	23 52
O 1384	do.	Rogers & Hall Co.	Publications	432 85
O 1385	do.	G. W. Sheldon & Co.	Freight	16 23
O 1386	do.	E. A. Doisy	Wages	39 79
O 1387	do.	Harry Mohlman	do.	18 90
O 1388	do.	Lucy Lowe	do.	47 00
O 1389	do.	H. B. Ingalls	do.	23 80
O 1390	do.	J. D. Campbell	do.	48 80
O 1391	do.	L. T. Lyman	do.	57 25
O 1392	do.	A. P. Holt	do.	42 80
O 1393	do.	E. W. Mattoon	do.	40 00

## OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1914			
O 1394	Sept. 3	O. E. Staples, Bursar	Student labor	\$ 46 65
O 1395	do.	O. E. Staples, Bursar	General labor	150 93
O 1396	Sept. 4	Illinois State Reformatory	Printing	123 75
O 1397	do.	Indian Refining Co.	General supplies	94 92
O 1398	do.	H. A. Hollister	Traveling expense	14 35
O 1399	do.	Westinghouse Electric & Mfg. Co.	General supplies	8 10
O 1400	do.	Taylor Hardware Co.	do.	16 76
O 1401	do.	Commercial Telephone & Telegraph Co.	Telegraph & telephone	7 80
O 1402	do.	Frank Turner	Traveling expense	14 18
O 1403	do.	J. W. Butler Paper Co.	Supplies	19 11
O 1404	do.	Twin City Printing Co.	Office supplies	8 85
O 1405	do.	Dallenbach Bros.	Laboratory supplies	1 00
O 1406	do.	Sharp & Smith	do.	2 16
O 1407	do.	Coldwell Lawn Mower Co.	Supplies	2 55
O 1408	do.	James B. Clow & Sons	do.	5 10
O 1409	do.	H. Mueller Mfg. Co.	General supplies	64 60
O 1410	do.	Crane Co.	Pipe cement	15 00
O 1411	do.	Indianapolis Paint & Color Co.	Paint	87 84
O 1412	do.	A. F. Hakanson	Wages	63 90
O 1413	do.	Ethel Sharp	do.	50 00
O 1414	do.	Charles A. Campbell	do.	65 00
O 1415	do.	John Lankford	do.	60 00
O 1416	Sept. 5	Westinghouse Electric & Mfg. Co.	Repairs	6 85
O 1417	do.	Colwell Lead Co.	General supplies	4 53
O 1418	do.	The Field & Shorb Co.	do.	121 83
O 1419	do.	Walker & Mulliken	Supplies	41 20
O 1420	do.	W. F. Hardy	Flow share	3 50
O 1421	do.	Gerts Lumbard & Co.	Supplies	10 30
O 1422	do.	Vaughan's Seed Store	Grass seed	106 03
O 1423	do.	Leavitt Mfg. Co.	General supplies	17 40
O 1424	do.	Dayton Fruit Tree Label Co.	do.	24 60
O 1425	do.	A. S. Nelson & Sons	do.	2 80
O 1426	do.	Hunter Rourke & Co.	Farm machinery	23 76
O 1427	do.	Syracuse Chilled Plow Co.	do.	8 50
O 1428	do.	Harrison Fahrnkopf	Traveling expenses	13 43
O 1429	do.	Frank Pearson	do.	13 37
O 1430	do.	C. C. Logan	do.	12 22
O 1431	do.	B. A. Strauch	Blue printing and supplies	51 27
O 1432	do.	C. C. Short	General supplies	3 00
O 1433	do.	E. A. Holbrook	Traveling expense	91 84
O 1434	do.	O. E. Staples, Bursar	Student labor	113 00
O 1435	do.	O. E. Staples, Bursar	General labor	154 07
O 1436	do.	Whitman Davis	Wages	34 00
O 1437	do.	Floyd E. Britton	do.	30 00
O 1438	do.	Nele U. Branch	do.	32 50
O 1439	do.	Grace Barnes	do.	60 00
O 1440	do.	Glen Christy	do.	37 00
O 1441	do.	A. Bagusin	do.	20 00
O 1442	do.	A. P. Brown	do.	35 00
O 1443	do.	A. H. Lenz	do.	30 00
O 1444	do.	Marie Hubbard	do.	7 50
O 1445	do.	C. P. Barkman	do.	29 20
O 1446	do.	Gordon Klein	do.	15 00
O 1447	do.	R. H. Linkins	do.	21 80
O 1448	do.	Pauline Osborne	do.	22 80
O 1449	do.	J. K. Prim	do.	30 95
O 1450	do.	Marion Sparks	do.	3 70
O 1451	Sept. 8	Fred S. James & Co.	Incidentals	13 59
O 1452	do.	Claude Harper	Traveling expense	17 69
O 1453	do.	N. W. Hepburn	do.	7 18
O 1454	do.	O. I. Ellis	do.	27 81
O 1455	do.	J. W. Dye	do.	44 95
O 1456	do.	William Powell	General	18 37
O 1457	do.	J. B. Marshall	Field work	176 55
O 1458	do.	F. W. Gault	Traveling expense	58 46
O 1459	do.	F. W. Garrett	do.	21 64
O 1460	do.	O. E. Staples, Bursar	General labor	781 18
O 1461	do.	O. E. Staples, Bursar	Student labor	81 40
O 1462	do.	G. A. Garrison	General supplies	18 60
O 1463	do.	Woldenberg & Schaar	Laboratory supplies	139 58
O 1464	do.	The Letter Shop	General supplies	1 50
O 1465	do.	The Leeds & Northrup Co.	Apparatus repairs	7 50
O 1466	do.	The Standard Calorimeter Co.	Laboratory supplies	9 00
O 1467	do.	Fuller & Fuller Co.	do.	85 00
O 1468	do.	Grain Dealers National Assn.	do.	15 00
O 1469	do.	Imperial Cotton Milling Co.	Feeding stuffs	483 52
O 1470	do.	Geo. Murphy	General supplies	1 68
O 1471	do.	F. S. Butch & Co.	do.	2 00

## OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
<b>1914</b>				
O 1472	Sept. 8	American Cutlery Co.	Laboratory supplies	\$ 6 75
O 1473	do.	D. O. Haynes & Co.	Advertising	27 00
O 1474	do.	Chicago Telephone Co.	Telephone	11 42
O 1475	do.	J. D. White	Postage	300 00
O 1476	do.	F. J. Burns & Co.	Supplies	14 40
O 1477	do.	Chicago Addressing Co.	Printing	107 86
O 1478	do.	Illinois State Reformatory	do.	107 80
O 1479	do.	Marshall Field & Co.	Supplies	22 50
O 1480	do.	Hercules Chemical Works	do.	9 00
O 1481	do.	Sprague, Warner & Co.	do.	9 00
O 1482	do.	Barron Bros. Coal Co.	Animal feed	1 90
O 1483	do.	Antiseptol Liquid Soap Co.	Supplies	28 20
O 1484	do.	Steindorf's Protective Agency	Salaries	60 00
O 1485	do.	W. K. Killin	Supplies	1 40
O 1486	do.	Chicago Medical Book Co.	Books	5 30
O 1487	do.	Borden's Condensed Milk Co.	Supplies	4 16
O 1488	do.	T. Becker	do.	1 00
O 1489	do.	C. L. Frame Dental Supply Co.	do.	10 13
O 1490	do.	Twin City Roofing Co.	General supplies	10 55
O 1491	do.	Chicago Towel Co.	Laundry	42 79
O 1492	do.	Louis Melind Co.	Incidental	1 26
O 1493	do.	Huntley Dairy Co.	Supplies	8 05
O 1494	do.	E. H. Sargent & Co.	Laboratory supplies	279 65
O 1495	do.	V. Mueller & Co.	Supplies	202 95
O 1496	do.	Maas Bros.	Repairs	5 80
O 1497	do.	Champaign Steam Laundry	Laundry	10 38
O 1498	Sept. 10	Eberhard Faber	Office equipment	6 31
O 1499	do.	J. W. Butler Paper Co.	Office supplies	30 08
O 1500	do.	P. S. Campbell	Printing	75 25
O 1501	do.	Pratt & Whitney Co.	Laboratory supplies	52 20
O 1502	do.	Chester Horseshoeing Shop	Sundries	21 50
O 1503	do.	Indian Refining Co.	Gasoline	6 60
O 1504	do.	Mississippi Valley Historical Assn.	Publications	75 00
O 1505	do.	Western Electric Co.	Electrical supplies	52 26
O 1506	do.	Jno. B. Bennett	General supplies	58 25
O 1507	do.	Automatic Electric Co.	do.	10 17
O 1508	do.	Westinghouse Electric & Mfg. Co.	Supplies	4 16
O 1509	do.	The Schaeffer & Budenberg Mfg. Co.	Charts	5 40
O 1510	do.	Montgomery Ward & Co.	Scales	4 90
O 1511	do.	Central Electric Co.	General supplies	115 50
O 1512	do.	A. W. Stoolman	Labor	129 00
O 1513	do.	Corbin Cabinet Lock Co.	Keys	21 24
O 1514	do.	James B. Clow & Sons	Supplies	18 35
O 1515	do.	E. A. Holbrook	Traveling expense	30 83
O 1516	do.	The Druggists' Circular	Advertising	33 33
O 1517	do.	Conference of Pharmaceutical Faculties	Incidentals	10 00
O 1518	do.	Mallory, Mitchell & Faust	Advertising	33 74
O 1519	do.	E. H. Sargent & Co.	Laboratory supplies	32 65
O 1520	do.	American Radiator Co.	General supplies	45 58
O 1521	do.	American Multigraph Sales Co.	Machine repairs	1 80
O 1522	do.	L. S. Baldwin	Wages	92 60
O 1523	do.	Ideal Electric Co.	Electrical supplies	15 95
O 1524	do.	Urbana & Champaign Ry. Gas & Electric Co.	Coal tar	2 50
O 1525	do.	Western Kieley Steam Specialty Co.	Valves	11 70
O 1526	do.	The C. H. Hanson Co.	Supplies	6 13
O 1527	do.	Dryer & Burt	Rye	21 35
O 1528	do.	Northwestern Compo-Board Co.	Compo-Board	35 00
O 1529	do.	Hoosier Mfg. Co.	Supplies	14 70
O 1530	do.	Indianapolis Paint & Color Co.	Paint	131 78
O 1531	do.	Green Engineering Co.	General supplies	164 08
O 1532	do.	James B. Clow	Furniture and fixtures	14 70
O 1533	do.	Vonnegut Hardware Co.	General supplies	1 39
O 1534	do.	The Babcock & Wilcox Co.	do.	57 24
O 1535	do.	J. D. White	Office supplies	43 24
O 1536	do.	The Warren Brush Co.	Brushes	23 52
O 1537	do.	Chas. A. Campbell	Traveling expense	40 36
O 1538	do.	F. W. Gault	do.	39 82
O 1539	do.	Harry C. Gikerson	do.	32 03
O 1540	do.	O. S. Fisher	do.	72 22
O 1541	do.	F. W. Wascher	do.	57 81
O 1542	do.	H. C. Wheeler	do.	50 49
O 1543	do.	F. A. Fisher	do.	47 05
O 1544	do.	Albert Tate	do.	23 93
O 1545	do.	G. W. Medley	Field work	12 65
O 1546	do.	George W. Matheny	do.	19 09
O 1547	do.	A. L. Moats	do.	22 00
O 1548	do.	Henry Pau	do.	25 75

## OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
<b>1914</b>				
O 1549	Sept. 10	Pioneer Coal & Coke Co.	Laboratory supplies	\$478 75
O 1550	do.	Fibre Specialty Mfg. Co.	General supplies	18 00
O 1551	do.	The Tablet & Ticket Co.	Office supplies	9 00
O 1552	do.	D. Van Nostrand Co.	Books	9 00
O 1553	do.	White Line Steam Laundry	Sundries	25 39
O 1554	do.	Raymond Lead Co.	General supplies	6 31
O 1555	do.	Jones & Laughlin Steel Co.	Laboratory supplies	7 38
O 1556	do.	Twin City Creamery Co.	Food supplies	14 21
O 1557	do.	J. S. Reimund	do.	35 50
O 1558	do.	A. L. Marshall	do.	4 92
O 1559	do.	Smith & Co.	General supplies	25 00
O 1560	do.	Dallenback Bros.	Food supplies	69 59
O 1561	do.	Albert Pick & Co.	New equipment	3 35
O 1562	do.	Goes Lithographing Co.	Printing	62 62
O 1563	do.	Consumers Co.	Laboratory supplies	2 50
O 1564	do.	Fuller & Fuller	do.	20 75
O 1565	do.	Twin City Binding & Blank Book Co.	Pamphlets	47 00
O 1566	do.	Frank Morgan	Traveling expense	54 38
O 1567	do.	J. E. Whitchurch	do.	44 68
O 1568	do.	Stephen Rogers	General supplies	87 50
O 1569	do.	Ulric Johnson	do.	27 42
O 1570	do.	Alfred Bergren	General	32 00
O 1571	do.	S. V. Holt	Traveling expense	51 82
O 1572	do.	Oldham Brothers	Laboratory supplies	6 50
O 1573	do.	Jno. B. Bennett	Drains	12 00
O 1574	do.	The National Hay Assn.	Laboratory supplies	3 50
O 1575	do.	Eisner Grocery Co.	Food supplies	8 30
O 1576	do.	Twin City Ice & Cold Storage Co.	General supplies	16 00
O 1577	do.	Conner & Quayle	Sundries	15 55
O 1578	do.	Irvine W. Maxwell	Feeding stuffs	122 54
O 1579	do.	R. R. Smith	do.	143 00
O 1580	do.	H. C. Lawson	Traveling expense	19 15
O 1581	do.	American Mone-Service Co.	General supplies	26 00
O 1582	do.	Blanke Mfg. & Supply Co.	do.	3 10
O 1583	do.	The Chester Transfer Co.	Express	26 19
O 1584	do.	E. A. Eichhorst	Machine repairs	15 20
O 1585	do.	Metzler & Schafer Co.	Food supplies	27 08
O 1586	do.	Walker & Mulliken	Furniture and repairs	14 00
O 1587	do.	Taylor Hardware Co.	General supplies	99 31
O 1588	do.	Hunter Ronke & Co.	Laboratory apparatus	12 15
O 1589	do.	Charles Hall Hardware Co.	General supplies	17 00
O 1590	do.	Champaign Steam Laundry	Laundry	57 79
O 1591	do.	Louis Melind Co.	Sundries	2 43
O 1592	do.	Illinois State Reformatory	Printing	371 05
O 1593	do.	Chester Horseshoeing Shop	Horseshoeing	20 50
O 1594	do.	O. E. Staples, Bursar	General labor	263 79
O 1595	do.	O. E. Staples, Bursar	Student labor	119 48
O 1596	do.	Carl Neblock	Wages	84 00
O 1597	do.	O. E. Staples, Bursar	General labor	98 80
O 1598	do.	H. Mueller Mfg. Co.	Supplies	12 26
O 1599	do.	The Burr Co.	General supplies	32 14
O 1600	do.	National Engraving Co.	Publications	56 75
O 1601	do.	Crane Co.	General supplies	39 68
O 1602	do.	C. S. Ross	Traveling expense	75 69
O 1603	do.	The Sherwin Williams Co.	Paint	61 25
O 1604	do.	Jno. B. Bennett	Drain	32 21
O 1605	do.	C. A. Kiler	Furniture and fixtures	9 00
O 1606	do.	Western Electric Co.	Electrical supplies	110 33
O 1607	do.	J. C. Gabel & Co.	Laboratory supplies	2 94
O 1608	do.	Electric Coal Co.	Coal	948 31
O 1609	do.	W. B. Mills	Lectures	50 00
O 1610	do.	J. Orton Findley	do.	15 00
O 1611	do.	W. P. Miller	do.	30 00
O 1612	do.	R. R. Wells	do.	30 00
O 1613	do.	C. C. Logan	Traveling expense	29 81
O 1614	do.	H. J. Snider	do.	17 29
O 1615	do.	Orland I. Ellis	do.	26 12
O 1616	do.	F. A. Fisher	do.	31 77
O 1617	do.	H. C. Wheeler	do.	64 39
O 1618	do.	Printograph Mfg. Co.	Apparatus repairs	1 40
O 1619	do.	The Illinois Agriculturist	General supplies	63 50
O 1620	Sept. 12	O. E. Staples, Bursar	Student labor	63 30
O 1621	do.	Twin City Roofing Co.	Laboratory apparatus	7 70
O 1622	do.	White Line Steam Laundry	Laundry	17 62
O 1623	do.	Milwaukee Dustless Brush Co.	Janitor supplies	8 00
O 1624	do.	General Chemical Co.	Laboratory supplies	3 38
O 1625	do.	Hektograph Mfg. & Duplicate Co.	Office equipment	3 75
O 1626	do.	Henry F. Mitchell Co.	Nursery stock	18 75

## OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
<b>1914</b>				
O 1627	Sept. 12	Keuffel & Esser Co.	Supplies.	\$ 4 51
O 1628	do.	University of Chicago Press.	Printing.	27 01
O 1629	do.	E. B. Walton.	Traveling expense.	52 87
O 1630	do.	Urbana & Champaign Ry., Gas & Electric Co.	Contract.	290 39
O 1631	do.	Harrison Fahrnkopf.	Traveling expense.	27 91
O 1632	do.	E. E. Hoskins.	do.	40 86
O 1633	do.	F. A. Pearson.	do.	10 54
O 1634	do.	F. W. Wascher.	do.	40 60
O 1635	do.	Frank Turner.	do.	8 83
O 1636	do.	E. W. Walton.	General.	40 09
O 1637	do.	J. W. Lloyd.	Traveling expense.	9 97
O 1638	Sept. 14	Goodhart's Laundry.	Laundry.	37 62
O 1639	do.	Western Electric Co.	Engineering supplies.	5 91
O 1640	do.	F. G. Hartwell Co.	Coal.	83 41
O 1641	do.	Western Fuel Co.	do.	20 44
O 1642	do.	Chicago Telephone Co.	Switchboard.	28 92
O 1643	do.	Heath & Milligan Mfg. Co.	Supplies.	7 85
O 1644	do.	A. Daigger & Co.	do.	23 30
O 1645	do.	George Strode.	Awnings.	21 00
O 1646	do.	V. Mueller & Co.	Supplies.	179 35
O 1647	do.	Arthur Ochs.	do.	25 50
O 1648	do.	Ahrens & Schreiner.	Animal feed.	12 66
O 1649	do.	Freeman-Sweet Co.	Equipment.	41 03
O 1650	do.	Mallory, Mitchell & Faust.	Advertising.	709 60
O 1651	do.	Western Educational Adv. Agency.	do.	110 60
O 1652	do.	Illinois State Reformatory.	Stationery and printing.	62 80
O 1653	do.	Maas Bros.	Equipment.	7 94
O 1654	do.	Western Lumber Co.	Supplies.	73 60
O 1655	do.	E. H. Sargent & Co.	Laboratory supplies.	81 00
O 1656	do.	Standard Power Equipment Co.	General supplies.	317 03
O 1657	do.	P. Adams.	Labor.	94 99
O 1658	do.	Crouse-Hinds Co.	Furniture and fixtures.	21 45
O 1659	do.	C. N. Clark & Co.	Marble bases.	3 00
O 1660	do.	Lewis Electric Supply Co.	Batteries.	1 05
O 1661	do.	C. A. Klier.	Sundries.	1 00
O 1662	do.	The Tablet & Ticket Co.	Office supplies.	3 10
O 1663	do.	John H. Doyle.	General supplies.	2 25
O 1664	do.	Merrell-Seule Co.	Laboratory supplies.	16 83
O 1665	do.	F. K. Robeson.	do.	1 20
O 1666	do.	Wilson Brothers.	General supplies.	42 98
O 1667	do.	Wilhelm Miller.	Traveling expense.	26 61
O 1668	do.	The University Club of Champaign and Urbana.	Sundries.	21 00
O 1669	do.	O. S. Watkins.	Traveling expenses.	36 63
O 1670	do.	Hanford Produce Co.	Sundries.	1 25
O 1671	do.	Northrup King & Co.	General supplies.	1 87
O 1672	do.	Henry Field Seed Co.	do.	2 16
O 1673	do.	B. A. Grasberger & Co.	do.	12 50
O 1674	do.	J. C. Thomas.	do.	3 34
O 1675	do.	Louis Ely.	Machine repairs.	6 25
O 1676	do.	John Reichard.	Feeding stuffs.	123 73
O 1677	do.	W. F. Hardy.	Machine repairs.	4 50
O 1678	do.	J. Bowman.	General supplies.	1 30
O 1679	do.	Ernest J. Kruetgen Co.	Museum specimens.	41 75
O 1680	do.	H. P. Stinespring.	General supplies.	22 14
O 1681	do.	D. J. Dobbins.	Feeding stuffs.	35 33
O 1682	do.	Parcival & Moorehead.	General supplies.	3 10
O 1683	do.	C. A. Peabody.	Fencing.	13 25
O 1684	do.	G. A. Garrison.	Rentals.	302 00
O 1685	do.	D. H. Lloyd.	Blue printing.	4 05
O 1686	do.	Oldham Brothers.	General supplies.	3 50
O 1687	do.	F. M. Leslie.	Feeding stuffs.	5 60
O 1688	do.	Leavitt Mfg. Co.	Machine repairs.	2 67
O 1689	do.	Champaign Seed Co.	Feeding stuffs.	4 67
O 1690	do.	G. C. Willis.	Incidentals.	11 60
O 1691	do.	Anson Northrup.	Blue printing.	3 15
O 1692	do.	Farrar & Quinlan.	Foodstuff.	25 70
O 1693	do.	Walker & Mulliken.	Furniture and fixtures.	11 00
O 1694	do.	W. T. Robinson.	Printing.	18 75
O 1695	do.	Chicago Retail Druggists' Assn.	Advertising.	18 00
O 1696	do.	Meyer Bros. Druggist.	do.	15 00
O 1697	do.	George Strode.	Furniture and fixtures.	10 50
O 1698	do.	Carl Fischer.	Books.	30 15
O 1699	do.	The Hawkes & Harris Music Co.	do.	13 95
O 1700	Sept. 16	A. A. Harding.	Band music.	4 32
O 1701	do.	Boosey & Co.	do.	17 01
O 1702	do.	G. Ricordi & Co.	do.	1 47



## OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
<b>1914</b>				
O 1703	Sept. 16	Jos. W. Stern & Co.	Band music.	\$ 16 97
O 1704	do.	W. J. Boehm.	Laboratory supplies.	40 00
O 1705	do.	The American Seeding Machine Co.	Machinery.	47 25
O 1706	do.	Eberbach & Son Co.	Laboratory supplies.	1 64
O 1707	do.	Bausch & Lomb Optical Co.	do.	254 60
O 1708	do.	Frank Holton & Co.	Band instrument repairs.	6 39
O 1709	do.	James B. Clow & Sons.	Apparatus.	34 13
O 1710	do.	Geo. W. Medley.	General.	16 30
O 1711	do.	Louis B. Malecki & Co.	Band music.	25 44
O 1712	do.	Chas. M. Samson.	Books.	20 00
O 1713	do.	Fuller & Fuller & Co.	Laboratory supplies.	82 43
O 1714	do.	E. H. Sargent & Co.	do.	301 10
O 1715	do.	Leavitt Mfg. Co.	Apparatus repairs.	48 37
O 1716	do.	University of Illinois Supply Store.	Furniture and fixtures.	7 70
O 1717	do.	Pay roll.	Sept., 1914.	10,775 45
		Alexander, Lilla M.	Salary.	\$ 65 00
		Alley, W. E.	do.	100 00
		Allen, Mrs. Josephine.	do.	55 00
		Ames, Winifred.	do.	75 00
		Arneson, Mable L.	do.	75 00
		Atkinson, C. E.	do.	141 66
		Beyer, Melinda.	do.	75 00
		Beyer, Vera.	do.	60 00
		Blackwell, Mary.	do.	60 00
		Boice, L. A.	do.	125 00
		Bolen, Anna R.	do.	60 00
		Bowen, Evalena.	do.	65 00
		Broadhurst, Tabitha J.	do.	75 00
		Brown, Ina M.	do.	65 00
		Browne, W. H.	do.	250 00
		Brownfield, Lelah H.	do.	50 00
		Bryan, Sarah E.	do.	75 00
		Buckler, Helen I.	do.	60 00
		Buckles, Mildred E.	do.	65 00
		Burt, Ruth.	do.	50 00
		Cole, H. W.	do.	100 00
		Cover, Hazel W.	do.	30 00
		Crawford, C. C.	do.	65 00
		Cunningham, H. E.	do.	166 66
		Custer, Emma L.	do.	75 00
		Dalton, C. E.	do.	50 00
		David, Eshoo.	do.	55 00
		David, Paul.	do.	60 00
		Davis, Vera M.	do.	50 00
		Durfey, Franc A.	do.	50 00
		Emigh, Edith.	do.	70 00
		Feldkamp, Amelia.	do.	50 00
		Fieg, Robert J.	do.	50 00
		Flattery, Amanda H.	do.	65 00
		Fraser, Viola C.	do.	70 00
		Froberg, E.	do.	75 00
		Gage, Marjorie H.	do.	75 00
		Glenn, Eleanor.	do.	28 84
		Goetz, Antoinette H.	do.	70 00
		Goodspeed, W. S.	do.	90 00
		Gordon, Marie A.	do.	55 00
		Griffith, Mabel F.	do.	70 00
		Gubbins, Maud.	do.	60 00
		Halliday, Mabel.	do.	60 00
		Hamilton, Mrs. Alice V.	do.	100 00
		Havens, C. H.	do.	120 00
		Hawgood, Helen A.	do.	70 00
		Hay, Nathaniel.	do.	166 66
		Hayes, James B.	do.	95 00
		Hayes, Margaret L.	do.	40 00
		Heater, Myrtle.	do.	60 00
		Heerman, Louise B.	do.	60 00
		Houchens, Josie B.	do.	83 33
		Hull, A. H.	do.	65 00
		Humricheuse, Katie L.	do.	50 00
		Hwasser, Anna J.	do.	50 00
		Johnson, Gertrude.	do.	60 00
		Kirwin, Nora.	do.	55 00
		Knapp, Aurella.	do.	75 00
		Knorr, Lynn E.	do.	150 00
		Lehr, Lawrence D.	do.	50 00
		Lamb, Allie.	do.	55 00
		Lee, Albert R.	do.	100 00

## OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
O 1717 Cld.	1914 Sept. 16	Loomis, Metta H. ....	Salary .....	\$ 83 33
		Love, Mary E. ....	do. ....	65 00
		Luther, Cornelia M. ....	do. ....	45 00
		McConn, Charles M. ....	do. ....	250 00
		McCurty, Agnes. ....	do. ....	83 33
		McIntire, W. A. ....	do. ....	50 00
		Manspeaker, Lotta M. ....	do. ....	83 33
		Monoley, Maude E. ....	do. ....	60 00
		Merchant, Donna E. ....	do. ....	50 00
		Meseck, Rudolph. ....	do. ....	65 00
		Miles, Lois M. ....	do. ....	70 00
		Millar, Mary. ....	do. ....	70 00
		Miller, C. F. ....	do. ....	90 00
		Morey, Lloyd. ....	do. ....	125 00
		Morrow, J. A. ....	do. ....	166 66
		Murphy, Morris. ....	do. ....	110 00
		Nagle, Sybil. ....	do. ....	50 00
		Needham, Lucile. ....	do. ....	60 00
		Nyberg, Florence A. ....	do. ....	50 00
		Oberdorfer, H. D. ....	do. ....	208 33
		Packard, Bessie. ....	do. ....	75 00
		Peel, Thomas. ....	do. ....	60 00
		Pergande, Robert. ....	do. ....	95 00
		Perry, Leonora. ....	do. ....	100 00
		Phelps, Vergil V. ....	do. ....	166 66
		Post, Frederick. ....	do. ....	75 00
		Postlewait, Harriett L. ....	do. ....	55 00
		Powell, Burt E. ....	do. ....	191 66
		Putnam, Persis. ....	do. ....	75 00
		Rein, Lillian. ....	do. ....	50 00
		Renz, Myrtle. ....	do. ....	75 00
		Ressler, Milton. ....	do. ....	80 00
		Ricketts, Clara A. ....	do. ....	65 00
		Riggs, Bess. ....	do. ....	35 00
		Robertson, Nellie. ....	do. ....	70 00
		Rogers, Della M. ....	do. ....	40 00
		Ross, Anne. ....	do. ....	50 00
		Scanlan, Mary. ....	do. ....	60 00
		Sharp, Bertha L. ....	do. ....	60 00
		Shaw, Hazel Y. ....	do. ....	65 00
		Shepard, Anna L. ....	do. ....	100 00
		Showers, T. J. ....	do. ....	125 00
		Slater, Sarah M. ....	do. ....	60 00
		Smith, Florence E. ....	do. ....	75 00
		Smith, Ira M. ....	do. ....	125 00
		Smith, Mayme. ....	do. ....	65 00
		Southwell, James. ....	do. ....	115 00
		Staples, O. E. ....	do. ....	150 00
		States, Bertha G. ....	do. ....	50 00
		Steitz, Alfred. ....	do. ....	85 00
		Stevens, Sabra. ....	do. ....	75 00
		Stricklan, Freda O. ....	do. ....	65 00
		Thompson, M. E. ....	do. ....	90 00
		Tomek, Gertrude. ....	do. ....	60 00
		Tomlinson, J. S. ....	do. ....	125 00
		Towne, L. J. ....	do. ....	175 00
		Tuttle, George P., Jr. ....	do. ....	100 00
		Tyrell, Josephine A. ....	do. ....	50 00
		Vaubel, Daniel. ....	do. ....	60 00
		Voight, Lida E. ....	do. ....	100 00
		Watson, Ethel. ....	do. ....	50 00
		Wheeler, H. H. ....	do. ....	70 00
		White, Loretta. ....	do. ....	70 00
		Winchester, B. L. ....	do. ....	50 00
		Wyninger, H. T. ....	do. ....	60 00
		Buchanan, Harold C. ....	do. ....	70 00
		Ellis, E. R. ....	do. ....	50 00
		Harper, Julia. ....	do. ....	65 00
		Lonius, J. O. ....	do. ....	90 00
		Morehead, Mary M. ....	do. ....	40 00
		Vanderbeek, H. J. ....	do. ....	65 00
		Wright, G. E. ....	do. ....	125 00
O 1718	Sept. 18	Pay roll. ....	September, 1914. ....	\$81,676 85
		Rice, G. B. ....	Salary .....	\$ 250 00
		White, J. M. ....	do. ....	416 66
		Filbey, E. J. ....	do. ....	183 33
		James, Edmund J. ....	do. ....	1,000 00
		Frazer, George E. ....	do. ....	333 33

## OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
O 1718 Ctd.	1914 Sept. 18	Fair, Sue M. ....	Salary .....	\$ 80 00
		Warnock, A. R. ....	do. ....	150 00
		Huff, G. A. ....	do. ....	416 66
		Manley, E. J. ....	do. ....	100 00
		Jones, R. R. ....	do. ....	120 00
		Gill, Harry. ....	do. ....	220 00
		Fargo, R. N. ....	do. ....	166 66
		Moulton, Gertrude. ....	do. ....	133 33
		Brooks, Verna. ....	do. ....	100 00
		Osmond, Edith G. ....	do. ....	90 00
		Hughitt, Anna L. ....	do. ....	110 00
		Shoemaker, Dorothy-Ruth. ....	do. ....	80 00
		Gaut, Rosa-Lee. ....	do. ....	50 00
		Jackson, Mabel, (Student). ....	do. ....	20 00
		Webster, F. D. ....	do. ....	48 00
		Hollister, H. A. ....	do. ....	270 83
		Boilman, Minnie J., (Student). ....	do. ....	32 50
		Branch, Nelle, (Student). ....	do. ....	32 50
		Bredis, John, (Student). ....	do. ....	18 00
		Britton, F. E., (Student). ....	do. ....	40 00
		Christy, Glenn, (Student). ....	do. ....	18 00
		Craig, Jennie. ....	do. ....	80 00
		Dunlap, Fannie, (Student). ....	do. ....	65 00
		Felsenthal, Emma. ....	do. ....	83 33
		Fontaine, E. O., (Student). ....	do. ....	36 00
		Gibson, Mable, (Student). ....	do. ....	27 50
		Goulding, F. S. ....	do. ....	166 66
		Graves, C. E. ....	do. ....	100 00
		Herdman, Margaret. ....	do. ....	75 00
		Hubbard, Marie, (Student). ....	do. ....	27 50
		Hutchins, Margaret. ....	do. ....	33 33
		Janvrin, C. E. ....	do. ....	41 66
		Johnson, Alice. ....	do. ....	33 33
		Jutson, Emma. ....	do. ....	108 33
		Karsten, Eleanor. ....	do. ....	50 00
		Leatherman, Marlon. ....	do. ....	75 00
		Patton, Adah. ....	do. ....	91 66
		Torrance, Mary C. ....	do. ....	75 00
		Troy, Mary Z. ....	do. ....	65 00
		Windsor, P. L. ....	do. ....	291 66
		Conat, Mabel, (Student). ....	do. ....	65 00
		England, Grace, (Student). ....	do. ....	65 00
		Erwin, Elizabeth, (Student). ....	do. ....	30 00
		Eppinger, J. P., (Student). ....	do. ....	36 00
		Williams, Margaret, (Student). ....	do. ....	48 00
		Baechold, Elsie, (Student). ....	do. ....	48 00
		Wyeth, Ola M. ....	do. ....	80 00
		Price, M. O., (Student). ....	do. ....	70 00
		Wood, H. T., (Student). ....	do. ....	30 00
		Davenport, Eugene. ....	do. ....	500 00
		Checkley, J. H. ....	do. ....	100 00
		Jamison, A. W. ....	do. ....	166 66
		Miller, W. P. ....	do. ....	50 00
		Nolan, A. W. ....	do. ....	200 00
		Rankin, F. H. ....	do. ....	291 66
		Allyn, Orr. ....	do. ....	100 00
		Aumer, J. P. ....	do. ....	150 00
		Bauer, F. C. ....	do. ....	150 00
		Binding, L. R. ....	do. ....	100 00
		Brunson, A. M. ....	do. ....	83 33
		Burlison, W. L. ....	do. ....	116 66
		Clevenger, C. B. ....	do. ....	83 33
		Dickenson, R. W. ....	do. ....	100 00
		Dickerson, I. W. ....	do. ....	150 00
		Eckblaw, K. J. T. ....	do. ....	150 00
		Ellis, O. I. ....	do. ....	83 33
		Fahrnkopf, H. F. T. ....	do. ....	83 33
		Fisher, F. A. ....	do. ....	116 66
		Fisher, O. S. ....	do. ....	208 33
		Garrett, F. W. ....	do. ....	116 66
		Gentle, G. E. ....	do. ....	83 33
		Gernert, W. B. ....	do. ....	150 00
		Gilkerson, H. C. ....	do. ....	83 33
		Gustafson, A. F. ....	do. ....	175 00
		Holt, S. V. ....	do. ....	150 00
		Hoskins, E. E. ....	do. ....	150 00
		Logan, C. C. ....	do. ....	150 00
		Mosier, J. G. ....	do. ....	291 66

## OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
O 1718 Ctd.	1914 Sept. 18	Niederman, Gertrude.....	Salary.....	\$100 00
		Pettit, J. H.....	do.....	125 00
		Sachs, W. H.....	do.....	150 00
		Schoonaver, W. R.....	do.....	83 33
		Smith, L. H.....	do.....	291 66
		Snider, H. J.....	do.....	83 33
		Stewart, H. W.....	do.....	150 00
		VanAlstine, E.....	do.....	175 00
		Walworth, E. H.....	do.....	83 33
		Wascher, F. M. W.....	do.....	116 66
		Wheeler, H. C.....	do.....	150 00
		White, E. A.....	do.....	175 00
		Whiting, A. L.....	do.....	150 00
		Reed, C. O.....	do.....	116 66
		Jahr, M. E.....	do.....	133 33
		Elbessol, E. T.....	do.....	50 00
		Barto, L. O.....	do.....	200 00
		Bull, Sleeter.....	do.....	150 00
		Carmichael, W. J.....	do.....	116 66
		Coffey, W. C.....	do.....	266 66
		Detlefsen, J. A.....	do.....	200 00
		Edmonds, J. L.....	do.....	208 33
		Grindley, H. S.....	do.....	291 66
		Handschin, W. F.....	do.....	200 00
		Joseph, W. E.....	do.....	150 00
		Mitchell, H. H.....	do.....	141 66
		Mumford, H. W.....	do.....	416 66
		Newlin, C. I.....	do.....	108 33
		Rusk, H. P.....	do.....	208 33
		Smith, W. H.....	do.....	141 66
		Yoke, J. J.....	do.....	100 00
		Roberts, Elmer.....	do.....	100 00
		Prasil, Anton.....	do.....	75 00
		Whisenand, J. W.....	do.....	41 66
		Harper, Claude.....	do.....	83 33
		Andrews, J. B.....	do.....	100 00
		Hepburn, N. W.....	do.....	208 33
		Barnhart, J. M.....	do.....	150 00
		Brand, R. A.....	do.....	175 00
		Crandall, W. T.....	do.....	150 00
		Fraser, W. J.....	do.....	291 66
		Harding, H. A.....	do.....	416 66
		Hulce, R. S.....	do.....	133 33
		Keller, O. A.....	do.....	100 00
		Lang, L. R.....	do.....	175 00
		Ruehe, H. A.....	do.....	141 66
		Weeter, H. M.....	do.....	83 33
		Yapp, W. W.....	do.....	100 00
		Nevens, W. B.....	do.....	75 00
		Allen, P. W.....	do.....	66 66
		Turner, Frank.....	do.....	75 00
		Allison, I. D.....	do.....	150 00
		Aust, F. A.....	do.....	116 66
		Bailey, E. W.....	do.....	175 00
		Blair, J. C.....	do.....	416 66
		Bole, S. J.....	do.....	150 00
		Colby, A. S.....	do.....	60 00
		Crandall, C. S.....	do.....	291 66
		Dorner, H. B.....	do.....	250 00
		Durst, C. A.....	do.....	150 00
		Gundesson, A. J.....	do.....	116 66
		Hoffman, R. W.....	do.....	83 33
		Hutchinson, James.....	do.....	100 00
		Lloyd, J. W.....	do.....	291 66
		Miller, Wilhelm.....	do.....	250 00
		Pickett, B. S.....	do.....	250 00
		Robinson, C. M.....	do.....	100 00
		Root, R. R.....	do.....	208 33
		Ruth, W. A.....	do.....	150 00
		Smith, F. A. C.....	do.....	125 00
		Watkins, O. S.....	do.....	175 00
		Evans, F. N.....	do.....	150 00
		Blaney, H. W.....	do.....	116 66
		Brown, H. D.....	do.....	70 00
		Englis, B. T.....	do.....	60 00
		Miles, L. E.....	do.....	41 66
		VanKleck, J. R.....	do.....	83 33
		Deal, Edwin.....	do.....	41 66

## OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
O 1718 Ctd.	1914 Sept. 18	Bevier, Isabel.....	Salary.....	\$250 00
		Goldthwaite, Nellie.....	do.....	208 33
		Gray, Cora E.....	do.....	116 66
		Harrison, Florence.....	do.....	116 66
		Parsons, Maud.....	do.....	125 00
		Seymour, Lurene.....	do.....	150 00
		Wheeler, Ruth.....	do.....	141 66
		Gray, Greta E.....	do.....	130 00
		Fleming, Georgia.....	do.....	100 00
		Stevens, Grace.....	do.....	108 33
		Bunch, Mamie.....	do.....	166 66
		Williams, Anna L.....	do.....	100 00
		Stanton, Margaret.....	do.....	116 66
		McIntosh, Donald.....	do.....	208 33
		Ash, Percy.....	do.....	208 33
		Clark, C. R.....	do.....	166 66
		Provine, L. H.....	do.....	291 66
		Ricker, N. C.....	do.....	291 66
		Titecomb, W. C.....	do.....	175 00
		Wells, N. A.....	do.....	208 33
		Fanning, R. S.....	do.....	120 00
		Foster, W. D.....	do.....	140 00
		Jones, R. T.....	do.....	160 00
		Corrubia, A. B. M.....	do.....	160 00
		Wolfe, W. S.....	do.....	110 00
		Fehrenkamp, Winifred.....	do.....	83 33
		Muehlmann, Ralph.....	do.....	140 00
		Baker, I. O.....	do.....	333 33
		Bowling, B. L.....	do.....	83 33
		Garver, N. B.....	do.....	141 66
		McDaniel, A. B.....	do.....	229 16
		Smith, J. E.....	do.....	150 00
		Wiley, C. C.....	do.....	141 66
		Wilson, W. M.....	do.....	183 33
		Pickels, G. W.....	do.....	150 00
		Raynor, W. H.....	do.....	130 00
		Davis, R. E.....	do.....	120 00
		Biegler, P. S.....	do.....	166 66
		Brooks, Morgan.....	do.....	250 00
		Fisk, I. W.....	do.....	133 33
		James, L. V.....	do.....	133 33
		Paine, E. B.....	do.....	250 00
		Waldo, E. H.....	do.....	166 66
		Knight, A. R.....	do.....	150 00
		Davis, J. W.....	do.....	140 00
		Miller, H. W.....	do.....	183 33
		Porter, F. M.....	do.....	125 00
		Stewart, R. K.....	do.....	141 66
		Rugg, H. O.....	do.....	150 00
		Jordan, H. H.....	do.....	140 00
		Crane, Rufus.....	do.....	100 00
		Husband, R. M.....	do.....	30 00
		Benedict, B. W.....	do.....	291 66
		Dent, J. A.....	do.....	150 00
		Frisk, J. A.....	do.....	91 66
		Goodenough, G. A.....	do.....	291 66
		Harding, L. A.....	do.....	291 66
		Leutwiler, O. A.....	do.....	241 66
		Richards, C. R.....	do.....	479 16
		Willard, A. C.....	do.....	200 00
		Godeke, H. F.....	do.....	140 00
		Kennedy, R. E.....	do.....	150 00
		Waterfall, H. W.....	do.....	140 00
		Torrance, F. C.....	do.....	120 00
		Rebman, P. J.....	do.....	90 00
		Gross, G. A.....	do.....	150 00
		Frank, Edwin.....	do.....	120 00
		Duncan, J. M.....	do.....	90 00
		Lanham, E. T.....	do.....	120 00
		McDewell, H. S.....	do.....	120 00
		Holbrook, E. A.....	do.....	208 33
		Stoek, H. H.....	do.....	416 66
		Callan, A. C.....	do.....	150 00
		Andros, S. O.....	do.....	175 00
		Enger, M. L.....	do.....	187 50
		Fleming, V. R.....	do.....	150 00
		Talbot, A. N.....	do.....	416 66
		Seeley, F. G.....	do.....	170 00

## OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
O 1718 Ctd.	1914 Sept. 18	Boomslicer, G. P.	Salary	\$170 00
		Norenberg, C. E.	do.	170 00
		Ensign, N. E.	do.	150 00
		Babbitt, H. E.	do.	150 00
		Gardner, Harry	do.	140 00
		Vallance, Alexander	do.	140 00
		Carman, A. P.	do.	416 66
		Knipp, C. T.	do.	233 33
		Kunz, Jacob	do.	208 33
		Schulz, W. F.	do.	183 33
		Williams, E. H.	do.	141 66
		Watson, F. R.	do.	238 16
		Randolph, O. A.	do.	100 00
		Hyslop, W. H.	do.	95 00
		Warner, E. H.	do.	90 00
		Karrer, Sebastian	do.	75 00
		Nathanson, J. B.	do.	75 00
		Hill, C. F.	do.	50 00
		Bayley, P. L.	do.	50 00
		Jones, L. T.	do.	115 00
		Comstock, A. F.	do.	166 66
		Schmidt, E. C.	do.	333 33
		Dunn, H. H.	do.	116 66
		Keller, R. B.	do.	166 66
		Kratz, A. P.	do.	133 33
		McFarland, D. F.	do.	166 66
		Moore, H. F.	do.	229 16
		Slater, W. A.	do.	150 00
		Gonnerman, H. F.	do.	150 00
		Wilson, L. A.	do.	116 66
		Belt, J. H.	do.	50 00
		Montgomery, Julian	do.	50 00
		Pogue, R. B.	do.	50 00
		Gatward, W. A.	do.	50 00
		Lichty, L. C.	do.	50 00
		Lukens, W. P.	do.	50 00
		Young, E. G.	do.	50 00
		Laying, T. E.	do.	50 00
		Deeker, E. H.	do.	291 66
		Greene, Frederick	do.	291 66
		Harker, O. A.	do.	416 66
		Hale, W. G.	do.	291 66
		Pomeroy, J. N.	do.	258 33
		Vernier, C. O.	do.	291 66
		Babcock, K. C.	do.	416 66
		Kelley, C. F.	do.	150 00
		Lake, E. J.	do.	187 50
		Wetmore, Mary M.	do.	150 00
		Bradbury, C. E.	do.	140 00
		Stebbins, Joel	do.	291 66
		Samuels, A. I.	do.	35 00
		Read, F. W.	do.	140 00
		Sperry, J. E.	do.	150 00
		Burton, L. V.	do.	120 00
		Winslow, J. C.	do.	30 00
		Hottes, C. F.	do.	250 00
		Stevens, F. L.	do.	333 33
		Trelease, William	do.	416 66
		Hague, Stella M.	do.	100 00
		McDougall, W. B.	do.	120 00
		Parr, Rosalie	do.	80 00
		Quick, B. E.	do.	60 00
		Kempton, F. E.	do.	60 00
		Dalbey, Nora	do.	60 00
		Waggoner, H. D.	do.	60 00
		Pickler, W. A.	do.	30 00
		Davis, R. L.	do.	30 00
		Lamkey, E. R. M.	do.	60 00
		Lantz, C. W.	do.	60 00
		Hursh, R. K.	do.	160 00
		Stull, R. T.	do.	250 00
		Danielson, R. R.	do.	75 00
		Radcliffe, B. S.	do.	120 00
		Williams, A. E.	do.	130 00
		Balke, C. W.	do.	250 00
		Derick, C. G.	do.	166 66
		Noyes, W. A.	do.	416 66
		Parr, S. W.	do.	333 33

## OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
O 1718 Ctd.	1914 Sept. 18	Smith, G. M. ....	Salary .....	\$166 66
		Washburn, E. W. ....	do. ....	291 66
		Weber, H. C. P. ....	do. ....	166 66
		Allen, R. W. ....	do. ....	30 00
		Ball, T. R. ....	do. ....	60 00
		Beal, G. D. ....	do. ....	125 00
		Bissell, D. W. ....	do. ....	30 00
		Braley, S. A. ....	do. ....	35 00
		Broderson, H. J. ....	do. ....	130 00
		Burthart, C. W. ....	do. ....	10 00
		Charlton, E. F. ....	do. ....	50 00
		Chandler, E. M. A. ....	do. ....	10 00
		Cann, Jessie ....	do. ....	120 00
		Darrah, Juanita ....	do. ....	50 00
		Davidson, C. N. ....	do. ....	30 00
		Davison, B. S. ....	do. ....	60 00
		Dean, F. M. ....	do. ....	30 00
		Eckstein, H. C. ....	do. ....	10 00
		Engle, E. W. ....	do. ....	60 00
		Ford, J. T. ....	do. ....	30 00
		Gerry, H. L. ....	do. ....	30 00
		Hatfield, W. D. ....	do. ....	10 00
		Hecker, C. H. ....	do. ....	120 00
		Hess, R. W. ....	do. ....	60 00
		Hause, E. O. ....	do. ....	120 00
		Hjort, K. M. ....	do. ....	30 00
		Honovski, R. B. ....	do. ....	90 00
		Hopkins, B. S. ....	do. ....	125 00
		Janson, J. M. ....	do. ....	10 00
		Kamm, Oliver ....	do. ....	60 00
		Karr, W. G. ....	do. ....	30 00
		Kremers, H. C. ....	do. ....	50 00
		Lee, H. R. ....	do. ....	30 00
		Lucas, J. B. ....	do. ....	30 00
		MacInnes, D. A. ....	do. ....	125 00
		Manuel, W. A. ....	do. ....	50 00
		Marquis, S. D. ....	do. ....	35 00
		Olin, H. L. ....	do. ....	120 00
		Reed, J. W. ....	do. ....	60 00
		Rees, E. A. ....	do. ....	50 00
		Sears, G. W. ....	do. ....	120 00
		Taylor, E. H. ....	do. ....	35 00
		Taylor, S. C. ....	do. ....	60 00
		Thorp, Lambert. ....	do. ....	120 00
		Tippitt, R. W. ....	do. ....	35 00
		Shepard, A. D. ....	do. ....	30 00
		Skinner, G. S. ....	do. ....	30 00
		Weiland, H. J. ....	do. ....	50 00
		Wildman, E. A. ....	do. ....	60 00
		Wichers, E. ....	do. ....	50 00
		Hull, S. M. ....	do. ....	10 00
		Westhafer, T. O. ....	do. ....	30 00
		Valentine, H. B. ....	do. ....	60 00
		MacArthur, C. G. ....	do. ....	150 00
		Barbre, Clarence. ....	do. ....	30 00
		Barton, H. J. ....	do. ....	291 66
		Canter, H. V. ....	do. ....	208 33
		Moss, C. M. ....	do. ....	250 00
		Oldfather, W. A. ....	do. ....	250 00
		Pease, A. S. ....	do. ....	250 00
		Bogart, E. L. ....	do. ....	291 66
		Chase, W. A. ....	do. ....	240 00
		Dewsnup, E. R. ....	do. ....	250 00
		Litman, Simon. ....	do. ....	208 33
		Robinson, M. H. ....	do. ....	125 00
		Weston, N. A. ....	do. ....	250 00
		Heilman, R. E. ....	do. ....	216 66
		Thompson, J. G. ....	do. ....	200 00
		Scoville, H. T. ....	do. ....	200 00
		McJohnston, H. ....	do. ....	180 00
		Peterson, E. ....	do. ....	60 00
		Dressen, W. H. ....	do. ....	60 00
		Knight, C. K. ....	do. ....	50 00
		McKenna, E. L. ....	do. ....	50 00
		Leslie, H. D. ....	do. ....	30 00
		Bagley, W. C. ....	do. ....	416 66
		Coffman, L. D. ....	do. ....	291 66
		Johnston, C. H. ....	do. ....	291 66

## OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
O 1718 Ctd.	1914 Sept. 18	Miller, W. S.	Salary	\$150 00
		Whipple, G. M.	do	229 16
		Hanger, J. W.	do	50 00
		Cobb, Margaret	do	50 00
		Baldwin, E. C.	do	175 00
		Clark, T. A.	do	500 00
		Dodge, D. K.	do	270 83
		Fulton, Edward	do	175 00
		Jones, H. S. V.	do	183 33
		Paul, H. C.	do	208 33
		Scott, F. W.	do	200 00
		Sherman, S. P.	do	308 33
		Woolbert, C. H.	do	166 66
		Zeitlin, Jacob	do	141 66
		Creek, H. L.	do	125 00
		Whicher, G. F.	do	120 00
		Alden, A. S.	do	120 00
		Whitford, R. C.	do	100 00
		Hillebrand, H. M.	do	130 00
		Harris, L. H.	do	120 00
		Tieje, R. E.	do	120 00
		Jones, E. S.	do	120 00
		Carl, M. J.	do	140 00
		Stidson, R. O.	do	100 00
		Harbarger, Sada	do	100 00
		Stanley, T. B.	do	100 00
		Sarett, L. R.	do	100 00
		Dixon, R. E.	do	110 00
		Beck, Clyde	do	50 00
		Loomis, R. S.	do	129 00
		Rinaker, Clarissa	do	120 00
		Boyer, C. V.	do	141 66
		Schoeppele, Gertrude	do	116 66
		Sutcliffe, E. G.	do	100 00
		Downs, C. S.	do	120 00
		Phelps, J. M.	do	100 00
		Folsom, J. W.	do	208 33
		Forbes, S. A.	do	83 33
		MacGillivray, A. D.	do	250 00
		Peterson, Alvah	do	60 00
		Glasgow, R. D.	do	130 00
		Bayley, W. S.	do	250 00
		Rolfe, C. W.	do	250 00
		Savage, T. E.	do	208 33
		DuPois, H. M.	do	50 00
		Read, M. K.	do	40 00
		Ross, C. S.	do	50 00
		Rich, J. L.	do	160 00
		Brooks, N. C.	do	208 33
		Flom, G. T.	do	233 33
		Goebel, Julius	do	312 50
		Lessing, O. E.	do	291 66
		Meyers, G. H.	do	229 16
		Poor, C. M.	do	150 00
		Williams, C. A.	do	150 00
		Koller, A. H.	do	140 00
		Barto, P. S.	do	120 00
		Zucker, A. E.	do	50 00
		Blaisdell, Daisy L.	do	100 00
		Alvord, C. W.	do	145 83
		Greene, E. B.	do	416 66
		Larson, L. M.	do	250 00
		Lybyer, A. H.	do	233 33
		Robertson, W. S.	do	208 33
		Jones, P. V. B.	do	150 00
		Pease, T. C.	do	125 00
		Cole, A. C.	do	160 00
		Brush, Elizabeth	do	100 00
		Bishop, Mildred, (Student)	do	40 00
		Borger, R. L.	do	125 00
		Crathorne, A. R.	do	166 66
		Emch, Arnold	do	187 50
		Lytle, E. B.	do	150 00
		Miller, G. A.	do	291 66
		Rietz, H. L.	do	158 33
		Shaw, J. B.	do	229 16



## OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
O 1718 Ctd.	1914 Sept. 18	Sisam, C. H. ....	Salary .....	\$183 33
		Townsend, E. J. ....	do. ....	333 33
		Wahlin, G. E. ....	do. ....	116 66
		Kempner, A. J. ....	do. ....	250 00
		Denton, W. W. ....	do. ....	140 00
		Chittenden, E. W. ....	do. ....	140 00
		Burns, Josephine. ....	do. ....	100 00
		Zeis, H. C. ....	do. ....	60 00
		Wilson, W. H. ....	do. ....	60 00
		Hebbert, C. M. ....	do. ....	60 00
		Smith, G. W. ....	do. ....	69 00
		Marshall, R. H. ....	do. ....	60 00
		Burge, W. E. ....	do. ....	133 33
		Beard, J. H. ....	do. ....	140 00
		Neill, Alma J. ....	do. ....	60 00
		Bode, B. H. ....	do. ....	291 66
		Daniels, A. H. ....	do. ....	333 33
		Shepherd, Queen L. ....	do. ....	120 00
		Hessler, Carl. ....	do. ....	100 00
		Dodd, W. F. ....	do. ....	250 00
		Garner, J. W. ....	do. ....	333 33
		Mathews, J. M. ....	do. ....	150 00
		Story, R. M. ....	do. ....	180 00
		Hamford, A. O. ....	do. ....	50 00
		Bentley, Madison. ....	do. ....	270 83
		DeCamp, J. E. ....	do. ....	70 00
		Rogers, Sophie. ....	do. ....	30 00
		Carnahan, D. H. ....	do. ....	225 00
		Fitz-Gerald, J. D. II. ....	do. ....	225 00
		Oliver, T. E. ....	do. ....	250 00
		Seymour, A. E. ....	do. ....	191 66
		Carry, C. S. ....	do. ....	110 00
		Eppels, Joseph. ....	do. ....	100 00
		Wesenberg, T. G. ....	do. ....	100 00
		Kessler, James. ....	do. ....	90 00
		Allen, Louis. ....	do. ....	90 00
		Moore, O. H. ....	do. ....	160 00
		Hayes, E. C. ....	do. ....	275 00
		Hibbs, H. H. ....	do. ....	120 00
		Kingsley, J. S. ....	do. ....	291 66
		Smith, Frank. ....	do. ....	250 00
		Ward, H. B. ....	do. ....	416 66
		Zeleny, Charles. ....	do. ....	250 00
		Shelford, V. E. ....	do. ....	166 66
		VanCleave, H. J. ....	do. ....	130 00
		May, H. G. ....	do. ....	60 00
		Green, Bessie. ....	do. ....	60 00
		Linkins, R. H. ....	do. ....	60 00
		Heimbürger, H. V. ....	do. ....	60 00
		Chenoweth, H. E. ....	do. ....	40 00
		Merrill, H. V. ....	do. ....	40 00
		Conel, Jesse L. ....	do. ....	30 00
		Magath, T. B. ....	do. ....	30 00
		Higgins, G. M. ....	do. ....	30 00
		Kinley, David. ....	do. ....	533 33
		Bond, Ethel. ....	do. ....	33 33
		Curtis, Florence. ....	do. ....	133 33
		Reece, E. J. ....	do. ....	133 33
		Simpson, Frances. ....	do. ....	166 66
		Schwartz, G. F. ....	do. ....	133 33
		Smith, Constance Barlow. ....	do. ....	166 66
		Van den Berg, H. J. ....	do. ....	180 00
		Nasmyth, H. D. ....	do. ....	170 00
		Morphy, E. W. ....	do. ....	170 00
		Townsend, L. L. ....	do. ....	120 00
		Kirkup, Florence. ....	do. ....	100 00
		Treat, Edna L. ....	do. ....	100 00
		Simon, Anna. ....	do. ....	100 00
		Erb, J. L. ....	do. ....	250 00
		Harding, A. A. ....	do. ....	180 00
		Day, W. B. ....	do. ....	208 33
		Snow, C. M. ....	do. ....	150 00
		Gathercoal, E. N. ....	do. ....	108 33
		Eicher, B. L. ....	do. ....	83 33
		Colson, H. D. ....	do. ....	83 33
		Fantus, Bernard. ....	do. ....	16 66
		Lynn, E. V. ....	do. ....	150 00
		Footitt, Frank. ....	do. ....	10 00

## OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—Continued.

No	Date.	To whom.	For what.	Amount.
1914				
O 1718	Sept. 18	Vollweiler, E. H.	Salary	\$ 30 00
Cld.		Ruby, George B.	do.	10 00
		Rees, C. C.	do.	50 00
		Hecht, August	do.	70 00
		Bregger, Thomas	do.	116 66
		Drury, F. K. W.	do.	200 00
		Carpenter, C. E.	do.	208 33
		Russell, F. A.	do.	50 00
		Hieronimus, E. E.	do.	250 00
		Kyle, Martha J.	do.	166 66
O 1719	do.	O. E. Staples, Bursar	General labor	\$ 719 18
O 1720	do.	S. V. Holt	Traveling expense	45 80
O 1721	do.	J. G. Mosier	do.	9 07
O 1722	do.	O. M. Allyn	do.	44 22
O 1723	do.	R. W. Dickenson	do.	62 23
O 1724	do.	F. W. Wascher	do.	84 73
O 1725	do.	E. E. Hoskins	Field work	30 15
O 1726	do.	H. J. Snider	do.	21 06
O 1727	do.	F. W. Garrett	do.	27 62
O 1728	do.	L. R. Lang	Traveling expenses	7 00
O 1729	do.	Jacob Ten Boer	General	23 40
O 1730	do.	J. T. Newsome	Traveling expenses	88 79
O 1731	do.	The Bulletin of Pharmacy	Advertising	7 50
O 1732	do.	Willis Music Co.	Books	16 69
O 1733	do.	A. J. Gundersen	Traveling expense	12 05
O 1734	do.	Fuller & Fuller	Laboratory supplies	112 65
O 1735	do.	Reliable Plumbing & Heating Co.	General	9 75
O 1736	do.	Stipes & Pilcher	Brick	11 04
O 1737	do.	American Florist Co.	Books	3 00
O 1738	do.	Jacob Reed's Sons	Laboratory apparatus	516 75
O 1739	do.	Allison & Hadaway	General supplies	28 22
O 1740	do.	Arcus Ticket Co.	Printing	31 50
O 1741	do.	Baker-Vawter Co.	Office supplies	15 63
O 1742	do.	Frison Bros.	Machine repairs	15 50
O 1743	do.	William Bros.	General supplies	1 40
O 1744	do.	Sturges & Burn Mfg. Co.	do.	41 58
O 1745	do.	Stone & Forsyth	do.	22 50
O 1746	do.	Twin City Printing Co.	Printing	1 75
O 1747	do.	Martin Metz	Machine repairs	1 00
O 1748	do.	Illinois Engineering Co.	Radiator valves	49 00
O 1749	do.	Universal Sales Co.	Office supplies	35 03
O 1750	do.	S. V. Holt	Traveling expenses	45 24
O 1751	do.	S. E. Dillavou	General supplies	73 18
O 1752	do.	F. K. Robeson	do.	14 09
O 1753	do.	John H. Doyle	do.	8 06
O 1754	do.	B. A. Strauch	Blue printing	28 45
O 1755	do.	Alexander Lumber Co.	General supplies	34 00
O 1756	do.	Vaughan's Seed Store	do.	2 54
O 1757	do.	W. N. Scarff	do.	8 25
O 1758	do.	American Guernsey Cattle Club	Sundries	15 00
O 1759	do.	Shavings & Sawdust Co.	Feeding stuffs	106 25
O 1760	do.	Creamery Package Mfg. Co.	General supplies	14 29
O 1761	do.	Pay roll	September, 1914	3,400 75
O 1762	do.	Pay roll	August, 1913	160 00
		Harry, W. L.	Salary	\$100 00
		Whitmire, J. S.	do.	60 00
O 1763	Sept. 19	Parke, Davis & Co.	Supplies	33 15
O 1764	do.	Mass Bros.	do.	8 36
O 1765	do.	Marshall Field & Co.	do.	16 90
O 1766	do.	Standard Oil Co.	General supplies	3 18
O 1767	do.	Flanigan-Pearson Co.	Publication	433 85
O 1768	do.	Taylor Hardware Co.	General supplies	34 71
O 1769	do.	University of Illinois Supply Store	Blue printing	4 37
O 1770	do.	Chas. M. Samson	Books	15 00
O 1771	do.	J. L. Fidler Motor Co.	General supplies	58 43
O 1772	do.	Western Educational Advertising Agency	Advertising	148 68
O 1773	do.	V. Mueller & Co.	Supplies	400 80
O 1774	do.	James H. Rice Co.	General supplies	286 67
O 1775	do.	Eimer & Amend	Museum specimens	112 06
O 1776	do.	C. C. Logan	Traveling expense	14 24
O 1777	do.	Chris C. Jensen	do.	22 84
O 1778	do.	R. C. Scoggin	Feeding stuffs	87 50
O 1779	do.	Tower Mfg. & Novelty Co.	Machinery	4 50
O 1780	do.	Kenfel & Esser Co.	Office supplies	4 51
O 1781	do.	High School Life	Advertising	30 00
O 1782	do.	H. W. Johns-Manville Co.	Supplies	2 04
O 1783	do.	David Berg Distilling Co.	do.	136 14
O 1784	do.	Hamblin Plumbing Co.	Repairs	115 00

## OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
1914				
O 1785	Sept. 19	Barron Bros. Coal Co.	Animal feed.	\$ 3 00
O 1786	do.	National Engraving Co.	Publications.	2 55
O 1787	do.	James M. White.	Traveling expenses.	12 69
O 1788	do.	Harrison Fahrnkopf.	do.	30 23
O 1789	do.	Paxton Mfg. Co.	Cushions.	3 00
O 1790	do.	Morrison Plummer & Co.	Supplies.	56 82
O 1791	do.	Hoosier Mfg. Co.	do.	14 70
O 1792	do.	H. A. Hollister.	Traveling expenses.	10 53
O 1793	do.	G. Cramer Dry Plate Co.	General supplies.	53 06
O 1794	do.	W. D. Messinger & Co.	Office supplies.	35 20
O 1795	do.	W. M. Atwell.	Apparatus repairs.	41 65
O 1796	do.	Twin City Printing Co.	Printing.	21 00
O 1797	do.	The National Druggists.	Advertising.	25 00
O 1798	do.	Creamery Package Mfg. Co.	Apparatus repairs.	5 42
O 1799	do.	Defender Photo Supply Co.	General supplies.	7 82
O 1800	do.	Watry & Heidkamp.	do.	4 50
O 1801	do.	Sweet, Wallach & Co.	do.	9 60
O 1802	do.	E. H. Sargent & Co.	Equipment.	40 00
O 1803	do.	Physicians' Supply & Drug Co.	Supplies.	1 22
O 1804	do.	C. L. Frame Dental Supply Co.	do.	1 50
O 1805	do.	S. S. White Dental Mfg. Co.	Supplies and equipment.	4 05
O 1806	do.	Thos. J. Dee & Co.	Supplies.	222 30
O 1807	do.	Central Electric Co.	Electrical supplies.	62 38
O 1808	do.	Geo. B. Carpenter & Co.	Supplies.	24 98
O 1809	Sept. 21	H. C. Wheeler.	Traveling expenses.	74 46
O 1810	do.	Chicago Fire Proof Storage Warehouse.	Rentals.	3 00
O 1811	do.	H. P. Risk.	Traveling expenses.	6 89
O 1812	do.	The Letter Shop.	Office supplies.	1 50
O 1813	do.	Ward's Natural Science Establishment.	Laboratory supplies.	10 93
O 1814	do.	A. Zappone.	General supplies.	6 34
O 1815	do.	Indian Refining Co.	do.	5 67
O 1816	do.	Edwards & Mitchell.	do.	1 00
O 1817	do.	Hanovia Chemical & Mfg. Co.	Laboratory supplies.	12 49
O 1818	do.	Barker & Wheeler Co.	Laboratory apparatus.	5 74
O 1819	do.	Cooper Hewitt Electric Co.	Feeding stuffs.	42 50
O 1820	do.	Blatchford's Calf Meal Factory.	Incidentals.	58 00
O 1821	do.	M. Izenstark.	Laboratory supplies.	13 60
O 1822	do.	The R. W. McCready Cork Co.	Traveling expenses.	32 50
O 1823	do.	Ira O. Baker.	Supplies.	7 79
O 1824	do.	Sheldon Brick Building Supply Co.	do.	8 00
O 1825	do.	Leavitt Mfg. Co.	do.	48 00
O 1826	do.	Central Electric Co.	Electrical supplies.	31 67
O 1827	do.	Hollis & Duncan.	General supplies.	11 46
O 1828	do.	Remington Typewriter Co.	Office supplies.	7 50
O 1829	do.	John H. Doyle.	General supplies.	4 13
O 1830	do.	Taylor Hardware Co.	do.	7 65
O 1831	do.	Irving-Pitt Mfg. Co.	do.	10 93
O 1832	do.	J. W. Butler Paper Co.	Office supplies.	37 60
O 1833	do.	Louis Molind Co.	General.	9 18
O 1834	do.	Walker & Mulliken.	Laboratory supplies.	20 40
O 1835	do.	S. E. Dillavou.	Machine repairs.	28 25
O 1836	do.	Flanigan-Pearson Co.	Publications.	86 78
O 1837	Sept. 22	Pay roll.	September, 1914.	691 66
		Putnam, W. J.	Salary.	\$140 00
		Storrer, James.	do.	60 00
		Domenske, A. B.	do.	140 00
		Driffin, J. O.	do.	50 00
		Nebel, M. L.	do.	50 00
		Leighly, W. R.	do.	116 66
		Green, Alexander.	do.	135 00
O 1838	do.	Pay roll.	September, 1914.	10 00
		Hayes, Margaret L.	Salary.	10 00
O 1839	do.	The Weis Mfg. Co.	General.	8 89
O 1840	do.	Eugene Dietzgen Co.	Apparatus repairs.	3 29
O 1841	do.	P. S. Campbell.	General supplies.	16 00
O 1842	do.	John J. Didcot.	Traveling expenses.	13 42
O 1843	do.	G. A. Garrison.	General.	195 45
O 1844	do.	Federal Steel Fixture Co.	Furniture repairs.	13 70
O 1845	do.	W. W. Walls & Co.	General supplies.	7 00
O 1846	do.	Chas. G. Willoughby.	do.	21 50
O 1847	do.	Defender Photo Supply Co.	do.	30 80
O 1848	do.	A. C. McClurg & Co.	Office supplies.	37 23
O 1849	do.	A. Flanagan Co.	General.	3 60
O 1850	do.	Jas. H. Rice Co.	Building repairs.	117 48
O 1851	do.	J. Bowman.	General supplies.	1 30
O 1852	do.	University Press.	Printing.	2 50
O 1853	do.	O. E. Staples, Bursar.	General labor.	844 01
O 1854	Sept. 23	V. Mueller & Co.	General supplies.	400 04

## OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1914			
O 1855	Sept. 23	Barron Bros. Coal Co.	Animal feed.	\$ 4 00
O 1856	do.	Morrison Plummer & Co.	Laboratory supplies.	25 90
O 1857	do.	Maas Bros.	do.	1 80
O 1858	do.	Hibbard, Spencer Bartlett & Co.	General supplies.	6 25
O 1859	do.	National Steam Specialty Co.	Air valves.	30 16
O 1860	do.	Mueller Mfg. Co.	General supplies.	64 69
O 1861	do.	Indianapolis Paint & Color Co.	Paint.	84 18
O 1862	do.	Colwell Lead Co.	General supplies.	10 90
O 1863	do.	The Fisher Governor Co.	do.	10 50
O 1864	do.	A. L. A. Publishing Board.	General.	4 50
O 1865	do.	Sam Cash.	Building repairs.	42 60
O 1866	do.	E. Van Alstine.	Traveling expenses.	15 12
O 1867	do.	W. J. Carmichael.	do.	4 60
O 1868	do.	Edward Pennock.	Laboratory apparatus.	33 86
O 1869	do.	Irving-Pitt Mfg. Co.	Office supplies.	6 03
O 1870	do.	Hunter Rourke Co.	Laboratory apparatus.	68 00
O 1871	do.	H. H. Hay Sons.	do.	6 79
O 1872	do.	Frank A. Somers.	Contract.	62 79
O 1873	do.	G. Cramer Dry Plate Co.	Blue printing.	4 28
O 1874	do.	The Linde Air Products Co.	General supplies.	1 50
O 1875	do.	F. W. Wascher.	Traveling expenses.	80 82
O 1876	do.	A. L. Moats.	General.	21 00
O 1877	do.	Chicago Retort & Fire Brick Co.	Brick.	49 50
O 1878	do.	Western Stoneware Co.	Laboratory apparatus.	24 36
O 1879	do.	Heath & Milligan Mfg. Co.	Supplies.	10 60
O 1880	do.	Physicians' Supply Drug Co.	General supplies.	13 00
O 1881	do.	Merck & Co.	do.	8 40
O 1882	do.	J. Becker.	do.	3 50
O 1883	Sept. 24	James W. Vallentyne.	Building repairs.	350 00
O 1884	do.	Western Lumber Co.	do.	1 65
O 1885	do.	H. W. Johns-Manville Co.	Repairs.	35 00
O 1886	do.	H. E. Bremmer.	Laboratory supplies.	9 05
O 1887	do.	A. Daigzer & Co.	General supplies.	74 58
O 1888	do.	Taylor Hardware Co.	Cement.	42 45
O 1889	do.	Stipes & Becker.	Laboratory supplies.	119 10
O 1890	do.	S. E. Huff & Co.	General.	74 40
O 1891	do.	Harry Herrick.	General supplies.	27 86
O 1892	do.	James B. Clow & Sons.	do.	13 36
O 1893	do.	The Robbins & Myers Co.	do.	3 55
O 1894	do.	The Carson, Payson Co.	do.	13 51
O 1895	do.	Toledo Pipe Threading Machine Co.	Electrical supplies.	121 72
O 1896	do.	G. & W. Electric Specialty Co.	General supplies.	75 00
O 1897	do.	Twin City Ice & Cold Storage Co.	Incidentals.	3 52
O 1898	do.	Louis Melind Co.	Machine repairs.	1 40
O 1899	do.	E. A. Eichhorst.	General supplies.	23 71
O 1900	do.	Walker & Mulliken.	do.	1 10
O 1901	do.	Barnhart Bros.	Traveling expenses.	8 05
O 1902	do.	Arthur Semple.	do.	21 71
O 1903	do.	C. A. Hughes.	do.	18 25
O 1904	do.	H. J. Snider.	do.	16 80
O 1905	do.	E. E. Hoskins.	do.	49 38
O 1906	do.	R. W. Dickenson.	do.	46 69
O 1907	do.	H. C. Wheeler.	do.	3 50
O 1908	do.	F. A. Fisher.	do.	25 45
O 1909	do.	C. C. Logan.	do.	5 04
O 1910	do.	P. T. Bock.	Fencing.	26 80
O 1911	do.	Street Gate Co.	Office supplies.	2 75
O 1912	do.	Remington Typewriter Co.	General supplies.	5 06
O 1913	do.	Hausmann & Dunn Co.	do.	21 00
O 1914	do.	S. A. Sandweger.	Laundry.	6 71
O 1915	do.	Soft Water Laundry Co.	General supplies.	1 38
O 1916	do.	Jas. C. Cram & Co.	Food supplies.	96 50
O 1917	do.	J. M. Thompson & Co.	General supplies.	2 40
O 1918	do.	J. Swannell & Son.	do.	44 35
O 1919	do.	Henry A. Dreer, Inc.	General labor.	43 90
O 1920	do.	R. C. Wagner & Son.	General supplies.	19 20
O 1921	do.	Eugene Dietzgen Co.	do.	27 70
O 1922	do.	S. E. Dillavou.	Office supplies.	9 86
O 1923	do.	Printograph Mfg. Co.	Laboratory supplies.	57 82
O 1924	do.	E. H. Sargent & Co.	General supplies.	38 98
O 1925	do.	Hall Hardware Co.	Laboratory supplies.	61 80
O 1926	do.	Twin City Roofing Co.	General supplies.	45 87
O 1927	do.	Green Engineering Co.	Wages.	88 00
O 1928	Sept. 25	O. C. Clevinger.	do.	11 67
O 1929	do.	E. G. Johnson.	do.	70 00
O 1930	do.	Anderson, J. C.	do.	55 00
O 1931	do.	Ralph Engle.	do.	24 00
O 1932	do.	John Munson.	do.	

## OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
<b>1914</b>				
O 1933	Sept. 25	W. R. Jones	Wages	\$ 24 00
O 1934	do.	F. W. Leggett	do.	18 00
O 1935	do.	F. W. Gault	do.	13 85
O 1936	do.	O. M. McGhee	do.	36 54
O 1937	do.	G. S. Beaumont	do.	52 50
O 1938	do.	H. A. Dewerff	do.	70 00
O 1939	do.	R. S. Dunham	do.	50 00
O 1940	do.	C. E. Glick	do.	50 00
O 1941	do.	G. M. Grantham	do.	29 61
O 1942	do.	C. T. Huford	do.	8 65
O 1943	do.	F. C. Richey	do.	50 00
O 1944	do.	G. L. Rigg	do.	47 50
O 1945	do.	J. F. Romine	do.	31 05
O 1946	do.	T. R. Shively	do.	50 00
O 1947	do.	E. F. Torgerson	do.	70 00
O 1948	do.	Douglas Wright, Jr.	do.	45 00
O 1949	do.	J. F. Gauger	do.	65 00
O 1950	do.	M. H. Campbell	do.	30 00
O 1951	do.	H. E. Codlin	do.	60 00
O 1952	do.	Georgia Becker	do.	65 00
O 1953	do.	Fred J. Blackburn	do.	50 00
O 1954	do.	C. A. Hughes	do.	50 00
O 1955	do.	Robert W. Stark	do.	100 00
O 1956	do.	H. E. Crouch	do.	115 00
O 1957	do.	H. A. Cate	do.	70 00
O 1958	do.	T. W. Dieckmann	do.	85 00
O 1959	do.	Irma Latzer	do.	35 00
O 1960	do.	Florence H. Churton	do.	40 00
O 1961	do.	Julian Smith	do.	37 34
O 1962	do.	J. D. Snook	do.	20 00
O 1963	do.	H. C. Lawson	do.	60 00
O 1964	do.	Earl Garver	do.	45 50
O 1965	do.	C. B. Price	do.	60 00
O 1966	do.	C. C. Jensen	do.	55 00
O 1967	do.	M. R. Carlson	do.	24 00
O 1968	do.	W. L. Bennett	do.	70 00
O 1969	do.	The Tablet & Ticket Co.	Office supplies	13 69
O 1970	do.	Barnhart Bros.	General supplies	5 49
O 1971	do.	G. C. Willis	Laboratory supplies	5 65
O 1972	do.	Oldham Bros.	General supplies	3 00
O 1973	do.	Hall Hardware Co.	do.	5 70
O 1974	do.	Champaign Seed Co.	Laboratory supplies	27 36
O 1975	do.	Stipes & Hecker	Fencing	34 20
O 1976	do.	B. H. Sargent & Co.	Laboratory supplies	96 62
O 1977	do.	Illinois State Reformatory	Printing	52 30
O 1978	do.	Merck & Co.	Laboratory supplies	99 64
O 1979	do.	John H. Doyle	General supplies	10 55
O 1980	do.	P. S. Campbell	Printing	6 00
O 1981	do.	Keuffel & Esser Co.	Office equipment	6 80
O 1982	do.	F. K. Robeson	General supplies	3 38
O 1983	do.	Alexander Lumber Co.	Lumber	15 00
O 1984	do.	Chas. M. Samson	Books	5 00
O 1985	do.	The Western Electric Co.	Supplies	11 08
O 1986	do.	Emerson Brantingham Imp. Co.	Machinery	39 75
O 1987	do.	Wilton G. Brown	General supplies	29 53
O 1988	do.	McLaughlin Cook & Co.	do.	22 62
O 1989	do.	Wm. W. Coblenz	do.	10 00
O 1990	do.	Flora Seed & Milling Co.	do.	12 00
O 1991	do.	Flora Lumber Co.	do.	8 10
O 1992	do.	W. H. Smith	Traveling expenses	28 65
O 1993	do.	C. W. Johnson	Material	5 00
O 1994	do.	M. H. Fairchild & Bro.	Laboratory supplies	3 75
O 1995	do.	Stanton & Stanton	Incidentals	15 50
O 1996	do.	Fuller & Fuller	Laboratory supplies	216 07
O 1997	do.	Dunhams	Live stock	2,200 00
O 1998	do.	Standard Oil Co.	Sundries	9 00
O 1999	do.	Whitall Tatum Co.	General supplies	28 89
O 2000	do.	The Silver Co.	Machine repairs	2 75
O 2001	do.	Eisner Grocery Co.	Foodstuffs	21 00
O 2002	do.	W. D. Allen Mfg. Co.	Farm machinery	35 24
O 2003	do.	Royal A. Stipes	Fencing	77 00
O 2004	do.	Louis Ely & Co.	Farm machinery	26 25
O 2005	do.	D. T. Dobbins	Feeding stuff	4 65
O 2006	do.	Automatic Electric Co.	Electrical supplies	24 46
O 2007	do.	D. H. Lloyd	Incidentals	4 00
O 2008	do.	Flanigan-Pearson Co.	Printing	101 25
O 2009	Sept. 26	Pay roll	September, 1914	50 00
		Garwood, Frances	Salary	\$50 00

## OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
O 2010	1914 Sept. 26	Pay roll.....	September, 1914.....	\$ 480 00
		Becker, Johann.....	Salary.....	\$ 50 00
		Blackwell, J. T.....	do.....	80 00
		David, Simon.....	do.....	50 00
		Drennan, Peter.....	do.....	80 00
		George, Elia.....	do.....	50 00
		Karochun, William.....	do.....	50 00
		Kastance, John.....	do.....	50 00
		Rehfeldt, Hubert F.....	do.....	40 00
		Solomon, Jacob.....	do.....	50 00
O 2011	do....	Pay roll.....	September, 1914.....	1,750 00
		Argo, Roy.....	Salary.....	55 00
		Barto, Mrs. D. O.....	do.....	20 00
		Burdick, I. F.....	do.....	85 00
		Chaplin, Ralph.....	do.....	60 00
		Engle, W. J.....	do.....	75 00
		Grabbe, Florence.....	do.....	65 00
		Hampton, W. J.....	do.....	75 00
		Hayward, Nellie.....	do.....	48 67
		Hough, William.....	do.....	32 33
		Jenkins, E. H.....	do.....	60 00
		Jensen, George C.....	do.....	55 00
		Kelley, J. R.....	do.....	57 50
		McQueen, Harry D.....	do.....	50 00
		Meenach, Earl.....	do.....	65 00
		Mink, George.....	do.....	50 00
		Morgan, J. E.....	do.....	15 00
		Nesbitt, Lawrence F.....	do.....	55 00
		Palfrey, John R.....	do.....	75 00
		Patterson, Will.....	do.....	50 00
		Pine, Fred.....	do.....	80 00
		Pritchard, H.....	do.....	70 00
		Pritchard, R.....	do.....	65 00
		Ricketts, Hazel W.....	do.....	40 00
		Rose, M. D.....	do.....	52 50
		Shipman, Cash.....	do.....	50 00
		Smith, J. F.....	do.....	70 00
		Sprinkle, D. C.....	do.....	50 00
		Stiver, Moses.....	do.....	50 00
		Stoneburner, A. J.....	do.....	50 00
		Walters, Philip.....	do.....	75 00
O 2012	do....	Pay roll.....	September, 1914.....	2,553 66
		Askins, Levi Roy.....	Salary.....	50 00
		Boswell, James.....	do.....	50 00
		Brentlinger, Emmet P.....	do.....	50 00
		Brooks, D. T.....	do.....	48 33
		Brown, Walter E.....	do.....	48 08
		Campbell, Charles A.....	do.....	65 00
		Chapman, Claude C.....	do.....	100 00
		Conrad, Emma.....	do.....	20 25
		Craigmile, Jeannette.....	do.....	50 00
		Dille, Lavina F.....	do.....	60 00
		Dillion, Jasper.....	do.....	55 00
		Dunlap, Burleigh H.....	do.....	60 00
		Eaton, Ralph.....	do.....	48 00
		Egelston, Asa T.....	do.....	40 00
		Engle, Lawrence.....	do.....	50 00
		Flocken, John B.....	do.....	60 00
		Gatewood, Jacob.....	do.....	50 00
		Gossett, J. Oliver.....	do.....	60 00
		Hamlin, Clyde.....	do.....	55 00
		Hamlin, Hiram.....	do.....	50 00
		Harding, Clayton F.....	do.....	100 00
		Harry, Wilson L.....	do.....	100 00
		Herbert, J. J.....	do.....	85 00
		Hunter, Lewis A.....	do.....	75 00
		Jones, Sadie A.....	do.....	50 00
		Kramer, Jennie.....	do.....	25 96
		Lewis, W. S.....	do.....	45 00
		Manley, Verna.....	do.....	50 00
		Mapes, Morallo M.....	do.....	50 00
		Marsh, W. T.....	do.....	50 00
		Miller, W. W.....	do.....	75 00
		Moore, H. E.....	do.....	50 00
		Muhleman, Elizabeth.....	do.....	50 00
		Pollard, Charles.....	do.....	50 00
		Redman, Louise E.....	do.....	32 34
		Reed, Alice E.....	do.....	55 00

## OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
O 2012	1914			
Cld.	Sept. 26	Ross, Roy M.	Salary	\$ 80 00
		Sanders, Frank	do	28 80
		Sharp, Ethel	do	38 40
		Tornquist, Andrew	do	75 00
		Turner, Chester	do	32 00
		Utterback, Hugh	do	45 00
		Utterback, L.	do	50 00
		Vaughn, Howard F.	do	31 50
		Whitmire, James S.	do	60 00
		Williamson, Hiram	do	50 00
		Zachmire, Claude E.	do	50 00
O 2013	..do...	Pay roll	September, 1914	\$561 66
		Bartow, Edward	Salary	166 66
		Hanford, W. W.	do	60 00
		Hinds, M. E.	do	70 00
		Mohlman, F. W.	do	70 00
		Tanner, F. W.	do	70 00
		Langlier, W. F.	do	125 00
O 2014	..do...	Pay roll	September, 1914	305 00
		Weedon, Amy G.	Salary	60 00
		Gaffney, C. O.	do	70 00
		Noyes, F. B.	do	125 00
		Thomas, N. G.	do	50 00
O 2015	..do...	Pay roll	September, 1914	923 32
		Kelso, Ruth	Salary	100 00
		Gardner, J. J.	do	166 66
		Muncie, F. W.	do	100 00
		Peltner, J. L.	do	133 33
		Snodgrass, J. M.	do	183 33
		Stanton, W. M.	do	120 00
		Grimes, N. C.	do	120 00
O 2016	Sept. 28	J. G. Mosier	Traveling expenses	5 70
O 2017	..do...	O. M. Allyn	do	25 38
O 2018	..do...	J. E. Whitechurch	do	36 72
O 2019	..do...	Warren A. Ruth	do	12 45
O 2020	..do...	William Ferguson	Sundries	7 50
O 2021	..do...	Wilson Bros.	General	89 00
O 2022	..do...	William Sullivan	Rentals	400 00
O 2023	..do...	Bacon Bros.	Supplies	19 08
O 2024	..do...	Automatic Electric Co.	Electrical supplies	42 50
O 2025	..do...	H. Mueller Mfg. Co.	Supplies	24 85
O 2026	..do...	John J. Didcoet	Traveling expenses	17 31
O 2027	..do...	H. A. Hollister	do	10 00
O 2028	..do...	Row, Peterson & Co.	General supplies	15 60
O 2029	..do...	Blanke Mfg. & Supply Co.	do	11 40
O 2030	..do...	Chas. F. Witt, Ext.	do	1 35
O 2031	..do...	Hibbard Spencer Bartlett Co.	Office equipment	8 25
O 2032	..do...	Martin Metz	Machine repairs	3 00
O 2033	..do...	Frank Zercher	do	29 75
O 2034	..do...	William Lewis & Son	General supplies	38 34
O 2035	..do...	G. E. Stechert & Co.	Books	5 48
O 2036	..do...	Palmer Bros.	General supplies	6 00
O 2037	..do...	E. O. Dillavou	Machinery	37 50
O 2038	..do...	The Iron Trade Review	Incidentals	4 00
O 2039	..do...	Keuffel & Esser Co.	Office supplies	40 50
O 2040	..do...	Louis Melind Co.	do	3 49
O 2041	..do...	J. Raymond Vanleek	Traveling expenses	15 30
O 2042	..do...	Crane Co.	General supplies	76 78
O 2043	..do...	A. J. Nystrom & Co.	Books	1 00
O 2044	..do...	The H. W. Wilson Co.	do	30 60
O 2045	..do...	Journal-Standard Publishing Co.	do	1 00
O 2046	..do...	C. W. Johnson	Laboratory supplies	4 50
O 2047	..do...	G. W. Sheldon & Co.	Furniture and fixtures	109 80
O 2048	..do...	Tice & Lynch, Inc.	Freight	57 45
O 2049	..do...	Geo. E. Amsbury Co.	General supplies	18 98
O 2050	Sept. 29	Machinist Supply Co.	Office supplies	24 25
O 2051	..do...	Jacob White	Labor and material	116 50
O 2052	..do...	Indianapolis Paint & Color Co.	Paint	3 75
O 2053	..do...	Hibbard, Spencer, Bartlett Co.	Apparatus	2 90
O 2054	..do...	Crane Co.	Supplies	8 66
O 2055	..do...	J. D. White	Stamps	370 00
O 2056	..do...	Lord & Burnham	Supplies	22 80
O 2057	..do...	W. J. Fraser	Traveling expenses	37 28
O 2058	..do...	E. A. Holbrook	do	27 31
O 2059	..do...	Harrison Fahrnkopf	do	23 31
O 2060	..do...	J. Adams Puffer	do	79 80
O 2061	..do...	Renner Transfer	Incidentals	3 00
O 2062	..do...	Drake Marble & Tile Co.	Apparatus	23 20

## OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
1914				
O 2063	Sept. 29	Stannard Power Equipment Co.	Supplies.	\$165 31
O 2064	..do..	Dayton Fruit Tree Label Co.	General supplies.	9 70
O 2065	..do..	William Cooper & Nephews.	..do..	2 45
O 2066	..do..	Collins & Slimp.	Sundries.	6 50
O 2067	..do..	American Steel & Wire Co.	Laboratory apparatus.	7 34
O 2068	..do..	The Gardner Governor Co.	Machinery.	4 22
O 2069	..do..	Bausch & Lomb Optical Co.	Apparatus repairs.	4 62
O 2070	..do..	James B. Clow & Sons.	Building repairs.	21 65
O 2071	..do..	General Chemical Co.	Laboratory supplies.	67 45
O 2072	..do..	The Globe Soap Co.	..do..	3 20
O 2073	..do..	Howard Francis.	Live stock.	100 00
O 2074	..do..	Champaign Seed Co.	Feeding stuffs.	28 85
O 2075	..do..	Stipes & Hecker.	Fencing.	35 63
O 2076	..do..	Taylor Hardware Co.	General supplies.	19 25
O 2077	..do..	Planigan-Pearson Co.	Printing.	274 25
O 2078	..do..	Bacon Brothers.	Laboratory supplies.	18 96
O 2079	..do..	Walker & Mulliken.	General supplies.	8 30
O 2080	..do..	D. H. Lloyd.	Blue printing.	2 40
O 2081	..do..	The Albert Dickinson Co.	General supplies.	156 80
O 2082	..do..	C. C. Short.	Sundries.	4 00
O 2083	..do..	H. Swannell & Son.	Laboratory supplies.	5 75
O 2084	..do..	Creamery Package Mfg. Co.	General supplies.	23 86
O 2085	..do..	A. S. Nelson & Sons.	Laboratory supplies.	4 41
O 2086	..do..	Crane Co.	General supplies.	66 91
O 2087	..do..	A. H. Barber Creamery Supply Co.	..do..	18 81
O 2088	..do..	The Western Electric Co.	Electrical supplies.	474 85
O 2089	..do..	The Burr Co.	Supplies.	29 75
O 2090	..do..	Metzler & Schafer Co.	Laboratory supplies.	2 46
O 2091	..do..	J. W. Butler Paper Co.	Office supplies.	5 45
O 2092	..do..	Twin City Roofing Co.	..do..	9 10
O 2093	..do..	Western Lumber Co.	Lumber.	28 71
O 2094	..do..	V. Mueller & Co.	Supplies.	36 50
O 2095	..do..	Morrison Plummer & Co.	General supplies.	60 77
O 2096	..do..	Maas Bros.	Laboratory apparatus.	50 65
O 2097	..do..	C. L. Frame Dental Supply Co.	Laboratory supplies.	83 24
O 2098	..do..	W. J. Killin.	General supplies.	3 85
O 2099	..do..	S. S. White Dental Mfg. Co.	..do..	28 09
O 2100	..do..	Demonstrators' Assn. of Illinois.	Department expense.	102 68
O 2101	..do..	Madison Teaming Co.	Ashes.	45 00
O 2102	..do..	City of Chicago Boiler Inspection Dept.	Inspection work.	11 00
O 2103	..do..	Commonwealth Edison Co.	Lighting.	76 90
O 2104	..do..	F. K. Robeson.	General supplies.	3 35
O 2105	..do..	U. S. Rocking Grate Bar Co.	Boiler repairs.	51 80
O 2106	..do..	Heath & Milligan Mfg. Co.	General supplies.	6 27
O 2107	..do..	Bradner Smith & Co.	..do..	19 24
O 2108	..do..	Louis Dame.	..do..	4 00
O 2109	..do..	Whitall Tatum Co.	Glassware.	31 60
O 2110	..do..	The University Hospital.	Contract.	168 75
O 2111	..do..	C. R. Killin.	Supplies.	3 00
O 2112	..do..	H. W. Johns-Manville Co.	General repairs.	113 46
O 2113	..do..	Miller Harness Co.	Sundries.	1 70
O 2114	..do..	Eugene Dietzgen Co.	General supplies.	3 15
O 2115	..do..	S. E. Huff & Co.	Building repairs.	14 90
O 2116	..do..	P. S. Campbell.	Printing.	5 00
O 2117	..do..	E. G. Sargent & Co.	General supplies.	4 43
O 2118	..do..	Hanovia Chemical & Mfg. Co.	Laboratory supplies.	8 93
O 2119	..do..	The Western Druggist.	Advertising.	25 00
O 2120	Sept. 30	Pay roll.	September, 1914.	63 33
		McDonald, F. H.	Salary.	\$ 28 33
		Schultz, Harry.	..do..	35 00
O 2121	..do..	Pay roll.	September, 1914.	50 00
		Carothers, H. C.	Salary.	50 00
O 2122	..do..	Pay roll.	September, 1914.	374 99
		Moore, J. J.	Salary.	125 00
		Smith, C. S.	..do..	166 66
		Falls, F. H.	..do..	83 33
O 2123	..do..	Fuller & Fuller.	Laboratory supplies.	69 69
O 2124	..do..	H. W. Johns-Manville Co.	..do..	17 50
O 2125	..do..	Office Specialties Co.	Office supplies.	3 43
O 2126	..do..	Harvard College Library.	..do..	15 96
O 2127	..do..	Illinois State Register.	Incidentals.	4 50
O 2128	..do..	Illinois State Journal Co.	..do..	4 50
O 2129	..do..	The Champaign Daily News.	..do..	3 33
O 2130	..do..	The Champaign Daily Gazette.	..do..	1 65
O 2131	..do..	Twin City Ice & Cold Storage Co.	..do..	4 50
O 2132	..do..	Neostyle Co.	Office supplies.	1 75
O 2133	..do..	The American Pharmaceutical Assn.	Advertising.	9 00
O 2134	..do..	Edward Pennock.	Laboratory supplies.	109 06



## OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
1914				
O 2135	Sept. 30	National Carbon Co.	Laboratory supplies	\$ 13 50
O 2136	do.	Indian Refining Co.	General supplies	68 71
O 2137	do.	E. H. Sargent & Co.	Laboratory supplies	32 51
O 2138	do.	F. K. Robeson	do.	180 42
O 2139	do.	Leavitt Mfg. Co.	Apparatus repairs	1 78
O 2140	do.	Oldham Bros.	Laboratory supplies	2 00
O 2141	do.	Western Lumber Co.	Lumber	4 45
O 2142	do.	Sargent's Drug Store	Laboratory supplies	3 00
O 2143	do.	The Berger Mfg. Co.	Office supplies	34 20
O 2144	do.	Kasen's Express & Van Co.	Freight and express	4 49
O 2145	do.	Spencer Lens Co.	General supplies	3 74
O 2146	do.	Consumers Co.	Ice	13 00
O 2147	do.	Illinois Electric Co.	General supplies	4 17
O 2148	do.	A. C. McClurg & Co.	Laboratory supplies	80 00
O 2149	do.	A. Daigger & Co.	General supplies	4 00
O 2150	do.	The Cudahy Packing Co.	Supplies	10 00
O 2151	do.	Barron Bros. Coal Co.	Animal feed	3 02
O 2152	do.	Maas Bros.	Department equipment	49 95
O 2153	do.	Arthur Ochs	General supplies	24 00
O 2154	do.	C. L. Frame Dental Supply Co.	do.	3 69
O 2155	do.	V. Mueller & Co.	do.	18 70
O 2156	do.	Illinois Malleable Iron Co.	Supplies	8 76
O 2157	do.	Illinois State Reformatory	Printing	17 90
O 2158	do.	John H. Doyle	General supplies	8 80
O 2159	do.	Planigan-Pearson Co.	Printing	19 50
O 2160	do.	American Radiator Co.	Supplies	6 00
O 2161	Oct. 1	General Electric Co.	Apparatus repairs	43 65
O 2162	do.	Frank A. Pearson	Traveling expenses	23 23
O 2163	do.	B. C. Wagner & Son	Labor	291 50
O 2164	do.	O. M. Allyn	Traveling expenses	14 83
O 2165	do.	C. C. Logan	do.	28 73
O 2166	do.	F. W. Garrett	do.	25 38
O 2167	do.	Chas. A. Campbell	do.	47 94
O 2168	do.	E. E. Hoskins	do.	21 66
O 2169	do.	Harrison Fahrnkopf	do.	10 78
O 2170	do.	H. J. Snider	do.	68 85
O 2171	do.	Wm. Powell	Field work	20 65
O 2172	do.	P. D. Long	do.	54 25
O 2173	do.	O. S. Fisher	Traveling expenses	131 30
O 2174	do.	Geo. W. Medley	Field work	37 49
O 2175	do.	R. W. Dickenson	Traveling expenses	61 21
O 2176	do.	H. C. Wheeler	do.	55 74
O 2177	do.	E. A. White	do.	8 34
O 2178	do.	H. A. Ruehe	do.	5 80
O 2179	do.	L. R. Lang	General supplies	49 63
O 2180	do.	W. B. Nevens	Traveling expenses	24 40
O 2181	do.	H. F. Rhodes	do.	3 30
O 2182	do.	Olive Percival	Lectures	90 00
O 2183	do.	Eugene Davenport	Traveling expense	8 75
O 2184	do.	C. H. Besly & Co.	Machinery	14 70
O 2185	Oct. 2	The Garlock Packing Co.	Apparatus	61 06
O 2186	do.	Geo. B. Carpenter & Co.	do.	39 64
O 2187	do.	The Graham Mfg. Co.	General supplies	13 58
O 2188	do.	American Linseed Co.	Linseed oil	28 90
O 2189	do.	National Lead Co.	Lead in oil	40 47
O 2190	do.	Edward Smith & Co.	Paint	13 20
O 2191	do.	Hibbard Spencer Bartlett Co.	General supplies	5 35
O 2192	do.	C. H. Besley & Co.	Supplies	1 01
O 2193	do.	Raus Cooper	Field work	55 00
O 2194	do.	Harry C. Gilkerson	Traveling expenses	48 09
O 2195	do.	C. S. Ross	do.	56 27
O 2196	do.	L. L. Thurstone	do.	5 04
O 2197	do.	Claude Harper	do.	63 20
O 2198	do.	W. E. Joseph	do.	10 75
O 2199	do.	Sleeter Bull	do.	15 80
O 2200	do.	George S. Hedrick	do.	12 55
O 2201	do.	Arthur Semple	do.	5 10
O 2202	do.	F. W. Wascher	do.	44 28
O 2203	do.	G. W. Sheldon & Co.	Freight	13 25
O 2204	do.	20th Century Press Clipping Bureau	Incidentals	7 50
O 2205	Oct. 3	Pay roll	September, 1914	40 00
		Mullaney, Herbert	Salary	\$40 00
O 2206	do.	Jean MacInnes	Wages	40 00
O 2207	do.	Bertha M. Scott	do.	50 00
O 2208	do.	Nicholls, C. R.	do.	56 35
O 2209	do.	Taylor Hardware Co.	Furniture and fixtures	82 73
O 2210	do.	General Electric Co.	Electrical supplies	10 70
O 2211	do.	James B. Clow & Sons	Supplies	173 97

## OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1914			
O 2212	Oct. 3	F. K. Robeson	General supplies	\$ 17 60
O 2213	do.	Stromberg Electric Co.	Supplies	1 23
O 2214	do.	American Linseed Co.	Oil	26 66
O 2215	do.	A. C. McClurg & Co.	Crayon	9 40
O 2216	do.	Indianapolis Paint & Color Co.	Paint	28 36
O 2217	do.	Crane Co.	Supplies	42 55
O 2218	do.	Crouse-Hinds Co.	Furniture and fixtures	54 86
O 2219	do.	The Carmichael Gravel Co.	Sand	11 13
O 2220	do.	Flat Iron Store Co.	Furniture and fixtures	1 13
O 2221	do.	Eisner Grocery Co.	Supplies	16 17
O 2222	do.	The Western Electric Co.	Electrical supplies	33 12
O 2223	do.	Corbin Cabinet Lock Co.	Furniture and fixtures	6 23
O 2224	do.	Eugene Davenport	Traveling expenses	7 10
O 2225	do.	Frank A. Pearson	do.	4 88
O 2226	do.	H. P. Gomerman	do.	3 45
O 2227	do.	Wm. J. Putman	do.	5 12
O 2228	do.	International Press Clipping Bureau	Incidentals	5 00
O 2229	do.	Francis Eric Cavette	Wages	50 00
O 2230	do.	R. L. Brown	do.	11 25
O 2231	do.	Murphy, E. F.	do.	40 35
O 2232	do.	Holt, A. F.	do.	52 25
O 2233	do.	Harris, H. H.	do.	29 10
O 2234	do.	Campbell, Maude	do.	48 00
O 2235	do.	Walser, Stephen A.	do.	11 20
O 2236	do.	Carter, Floyd	do.	10 80
O 2237	do.	Davis, P. N.	do.	10 00
O 2238	do.	Waxler, H. F.	do.	14 00
O 2239	do.	Chase, J. A.	do.	30 75
O 2240	do.	McVay, T. M.	do.	5 50
O 2241	do.	Harrington, Bernard	do.	60 00
O 2242	do.	Gangloff, Louis	do.	22 50
O 2243	do.	Kirkpatrick, F. A.	do.	18 60
O 2244	do.	McVay, T. M.	do.	74 75
O 2245	do.	Muson, John	do.	15 60
O 2246	do.	Reese, Raymond	do.	25 40
O 2247	Oct. 5	Pay roll	September, 1914	4,751 49
		Amann, Arnold	Salary	\$ 90 00
		Aschermann, John	do.	50 80
		Brown, A. J.	do.	49 80
		Browning, J. E.	do.	62 00
		Becher, M. C.	do.	32 00
		Booker, A. J.	do.	88 50
		Cagann, Carl	do.	48 60
		Carothers, Cevilla	do.	52 00
		Casad, J. G.	do.	120 00
		Cassidy, James T.	do.	50 20
		Clancy, Frank	do.	122 96
		Clifford, H. A.	do.	66 15
		Crackel, Ben.	do.	50 80
		Craig, J. D.	do.	72 00
		Crump, Frank	do.	66 00
		Davis, C. M.	do.	73 15
		Diebold, Wm. F., Jr.	do.	41 18
		Doll, J. B.	do.	90 80
		Dunseth, C. A.	do.	90 00
		Fechtruph, H.	do.	67 60
		Felgner, M.	do.	51 50
		Fieg, A. M.	do.	49 80
		Fox, Felix	do.	55 00
		Frazier, J. H.	do.	90 80
		Frazier, Mollie B.	do.	50 00
		Gangloff, L. W.	do.	20 00
		Gardner, K. D.	do.	65 00
		Glaive, Albert	do.	90 00
		Glenn, V. S.	do.	52 40
		Gundloch, Charles	do.	93 20
		Johns, E.	do.	52 40
		Johnson, A. L.	do.	43 00
		Kenney, T. J.	do.	56 60
		Klien, J. A. J.	do.	69 30
		Livich, P. L.	do.	37 62
		Long, R. R.	do.	55 50
		Luther, Ida L.	do.	49 50
		McGown, C. E.	do.	40 50
		McFadden, W. J.	do.	45 00
		McQuay, J. W.	do.	45 23
		Math, E. R.	do.	133 33
		May, Vernon	do.	90 80

## OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
O 2247 Cld.	1914 Oct. 5	Mendenhall, O. L. ....	Salary .....	\$ 45 20
		Miller, J. H. ....	do .....	120 84
		Moore, C. E. ....	do .....	84 60
		Moody, D. T. ....	do .....	55 20
		Nale, E. E. ....	do .....	47 70
		Noblock, Carl .....	do .....	80 25
		Ollis, C. M. ....	do .....	53 20
		Palfreyman, R. A. ....	do .....	51 10
		Patterson, O. J. ....	do .....	45 00
		Pergande, Glenn .....	do .....	49 75
		Porter, S. A. ....	do .....	90 00
		Presson, E. W. ....	do .....	25 90
		Rash, E. S. ....	do .....	50 00
		Rittenhouse, Geo. ....	do .....	50 63
		Robbins, Gilbert .....	do .....	52 80
		Sandwell, Martia .....	do .....	90 00
		Schultz, Arthur .....	do .....	51 20
		Shaw, S. A. ....	do .....	90 00
		Shawalter, H. W. ....	do .....	45 20
		Sparks, M. E. ....	do .....	46 80
		Speedie, A. C. ....	do .....	72 80
		Swearingen, H. O. ....	do .....	42 20
		Tatlock, Ray .....	do .....	51 00
		Utterback, O. J. ....	do .....	53 40
		Vanderventer, J. E. ....	do .....	88 00
		Wascher, A. C. ....	do .....	75 30
		Welch, C. J. ....	do .....	140 00
		Wells, T. E. ....	do .....	52 00
		Wilson, Wesley .....	do .....	90 00
		Wright, Amos .....	do .....	90 40
O 2248	do...	Pay roll .....	September, 1914 .....	\$6, 110 14
		Arrington, C. E. ....	Salary .....	63 00
		Atwell, W. M. ....	do .....	56 70
		Bailey, J. E. ....	do .....	56 28
		Barnes, V. R. ....	do .....	89 20
		Bevis, A. ....	do .....	143 00
		Boyer, George W. ....	do .....	75 60
		Brannagan, John .....	do .....	84 35
		Brown, Basil .....	do .....	65 76
		Brown, Harry .....	do .....	56 70
		Bullock, David M. ....	do .....	49 81
		Butler, T. ....	do .....	59 57
		Cheever, John W. ....	do .....	53 40
		Crawford, Roy W. ....	do .....	54 20
		Cunningham, F. ....	do .....	110 50
		Carson, Rolla S. ....	do .....	56 40
		Castle, Ora E. ....	do .....	50 00
		Crathorne, F. ....	do .....	53 53
		Ceduskey, John .....	do .....	76 78
		Collins, Albert L. ....	do .....	56 40
		Davis, Joseph .....	do .....	69 30
		English, Benj. F. ....	do .....	61 64
		Franklin, Thos. F. ....	do .....	54 18
		Fay, T. J. ....	do .....	93 00
		Fox, Guy .....	do .....	72 66
		Fender, Fred .....	do .....	81 60
		Fiscus, J. J. ....	do .....	62 33
		Freeman, G. Y. ....	do .....	58 80
		Fogarty, F. ....	do .....	53 76
		Fogarty, W. ....	do .....	53 20
		Fiscus, John C. ....	do .....	90 00
		Fender, Louis .....	do .....	64 46
		Graybeal, W. H. ....	do .....	65 10
		Higgins, Harry .....	do .....	92 40
		Hamlin, Sell .....	do .....	52 00
		Heinz, Luke T. ....	do .....	60 00
		Hoover, Frederick F. ....	do .....	60 72
		Hutton, Ross .....	do .....	62 10
		Hunt, Oscar L. ....	do .....	41 60
		Henderson, T. O. ....	do .....	106 40
		Hixon, W. G. ....	do .....	51 90
		Hanson, S. ....	do .....	64 25
		Hargan, E. ....	do .....	66 38
		Hill, Charles .....	do .....	92 25
		Irvine, James .....	do .....	54 50
		Irvine, F. ....	do .....	73 42
		Johnson, Charles C. ....	do .....	63 00
		Jones, Mrs. Margaret .....	do .....	44 20

## OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
O 2248	1914 Oct. 5 Cld.	Jay, Edith L.	Salary.	\$ 31 68
		Justus, S. W.	do.	108 00
		Lewis, E. C.	do.	69 30
		Long, Thomas	do.	83 70
		Litton, A. C.	do.	58 38
		Langhoff, F.	do.	63 48
		Langhoff, A.	do.	83 53
		Long, John F.	do.	60 90
		McClughen, Mrs. F. E.	do.	44 20
		McCullough, James.	do.	60 72
		Maherney, H. H.	do.	65 32
		Meenach, O. E.	do.	62 56
		Meneely, Dan.	do.	65 32
		Miller, C. M.	do.	44 73
		Morgan, Mrs. Rebecca.	do.	44 20
		Myers, Jesse.	do.	56 81
		Mock, Forrest.	do.	50 00
		Magnuson, A. O.	do.	80 00
		Murphy, Ruth.	do.	60 32
		Moore, F. O.	do.	50 20
		Moran, A.	do.	62 75
		McAllister, A. J.	do.	64 08
		Newton, J. R.	do.	59 52
		Peterson, Nick.	do.	52 80
		Purkins, J. F.	do.	61 60
		Perry, F. M.	do.	68 31
		Quinn, William.	do.	62 16
		Ryan, Mary E.	do.	39 95
		Reed, Benj. L.	do.	53 90
		Richards, E.	do.	100 80
		Stateler, F.	do.	66 44
		Smith, W. J.	do.	115 62
		Stearns, Lee H.	do.	63 00
		Servis, A.	do.	63 02
		Swearingen, Daisy O.	do.	50 00
		Snyder, J.	do.	53 96
		Thomson, Herman L.	do.	52 20
		Toy, George.	do.	63 71
		Turner, George.	do.	66 01
		Templin, William.	do.	86 63
		Tillotson, I. F.	do.	63 92
		Walters, Prentice E.	do.	48 40
		Wharmby, E.	do.	68 08
		Wilde, William.	do.	93 00
		Warmbier, A.	do.	80 70
O 2249	do.	Fay roll.	September, 1914.	\$ 643 40
		Bernard, L. C.	Salary.	76 30
		Boyer, W. H.	do.	95 00
		Kelley, Ralph.	do.	125 00
		Keese, W. A.	do.	100 10
		Kile, LaRhue.	do.	44 25
		Meltz, Nathan.	do.	37 20
		Munson, Morris.	do.	50 75
		Stark, J. E.	do.	64 80
		Stoutzenberg, Florence.	do.	50 00
O 2250	do.	P. S. Campbell.	Printing.	20 10
O 2251	do.	D. H. Lloyd.	Repair work and supplies.	187 40
O 2252	do.	Keuffel & Esser Co.	Office supplies.	15 46
O 2253	do.	Woldenberg & Schaar.	General supplies.	162 65
O 2254	do.	R. C. Wagner & Son.	do.	17 25
O 2255	do.	Elmer & Amend.	Laboratory supplies.	2,295 15
O 2256	do.	Bacon Bros.	General supplies.	19 40
O 2257	do.	Chas. G. Willoughby.	do.	108 21
O 2258	do.	The American Multigraph Sales Co.	Office equipment.	4 24
O 2259	do.	Flat Iron Store Co.	General supplies.	16 15
O 2260	do.	Siegel Cooper & Co.	Laboratory supplies.	7 56
O 2261	do.	White Clover Farm.	General supplies.	4 25
O 2262	do.	The Urbana Courier Co.	Incidentals.	2 35
O 2263	do.	Wells Music Co.	Books.	9 20
O 2264	do.	Samuel Harris & Co.	General supplies.	84 74
O 2265	do.	McKey & Poague.	Rent.	500 00
O 2266	do.	Herbert W. Mumford.	Traveling expenses.	6 10
O 2267	do.	John Munson.	do.	16 10
O 2268	do.	F. W. Laggett.	do.	12 00
O 2269	do.	W. J. Carmichael.	do.	21 30
O 2270	do.	D. H. Bates.	Books.	1 00
O 2271	do.	French Battery & Carbon Co.	Supplies.	20 58
O 2272	do.	Wm. Gaertner & Co.	Apparatus repairs.	26 42

## OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1914			
O 2273	Oct. 5	Smith & Co.	Supplies.	\$ 40 00
O 2274	do.	Robert F. Hildebrand.	Blue printing.	11 00
O 2275	do.	P. A. Hamilton Co.	Food supplies.	53 75
O 2276	do.	American Steel & Wire Co.	Fencing.	164 70
O 2277	do.	Jas. F. Umpleby.	do.	166 14
O 2278	do.	Gregory Electric Co.	General supplies.	42 50
O 2279	do.	Bausch & Lomb Optical Co.	do.	1 72
O 2280	do.	A. T. Thompson & Co.	do.	13 07
O 2281	do.	Watry & Heldkamp.	do.	2 00
O 2282	do.	The Frederick Post Co.	do.	24 75
O 2283	do.	Eugene Dietzgen Co.	do.	10 32
O 2284	do.	Burke & James, Inc.	do.	6 02
O 2285	do.	Driver-Harris Wire Co.	Laboratory supplies.	85 30
O 2286	do.	Sears' Roebuck & Co.	General supplies.	1 87
O 2287	do.	H. A. Hollister.	Traveling expenses.	15 84
O 2288	do.	Champaign & Urbana Water Co.	General supplies.	3 20
O 2289	do.	J. E. Cross.	Services.	1 00
O 2290	do.	Edna Grafton.	do.	1 00
O 2291	do.	Geo. Banta Publishing Co.	Publications.	173 55
O 2292	do.	The Letter Shop.	Printing.	6 49
O 2293	do.	The Wabash Cabinet Co.	Office supplies.	19 00
O 2294	do.	Merck & Co.	Laboratory supplies.	8 60
O 2295	do.	Library Bureau.	Catalog cards.	2 59
O 2296	do.	Leavitt Mfg. Co.	General supplies.	63 73
O 2297	do.	The Tablet & Ticket Co.	Office supplies.	6 70
O 2298	do.	E. W. Sampson.	Laboratory supplies.	1 50
O 2299	do.	Stipes & Hecker.	Laboratory apparatus.	52 00
O 2300	do.	National Blank Book Co.	Supplies.	1 25
O 2301	do.	Whiting Paper Co.	Office supplies.	110 58
O 2302	do.	Irving-Pitt Mfg. Co.	do.	6 12
O 2303	do.	Louis Melind Co.	do.	4 37
O 2304	do.	C. E. Durst.	Traveling expenses.	6 20
O 2305	do.	Dodge Mfg. Co.	Laboratory apparatus.	4 00
O 2306	do.	Westinghouse Electric Mfg. Co.	do.	14 43
O 2307	do.	G. Schirmer.	Books.	3 01
O 2308	do.	American Railway Master Mechanics' Assn.	do.	2 00
O 2309	do.	The Hawkes & Harris Music Co.	do.	11 64
O 2310	do.	Boosey & Co.	do.	10 49
O 2311	do.	Chas. M. Samson.	do.	5 00
O 2312	do.	Emerson Brantingham Implement Co.	Machinery.	33 00
O 2313	do.	Federal Steel Fixture Co.	Laboratory apparatus.	25 00
O 2314	do.	Riehle Bros. Testing Machine Co.	do.	24 00
O 2315	do.	Pay roll.	September, 1914.	286 18
		Boswell, Andres.	Salary.	\$42 00
		Lankford, John D.	do.	60 00
		Shriver, Alonzo L.	do.	5 48
		Small, M. M.	do.	60 00
		Smalley, G. F.	do.	17 20
		Stoltzfus, Amos L.	do.	19 09
		Trimble, W. W.	do.	36 50
O 2316	do.	Pay roll.	September, 1914.	203 90
		Brumeley, Charles A.	Salary.	52 00
		Lyons, Thomas Marion.	do.	47 90
		Mattoon, Charles E.	do.	46 00
		Rhoads, Hazel.	do.	60 00
O 2317	do.	Pay roll.	September, 1914.	355 42
		Stuart, Frank.	Salary.	90 80
		Prevett, W. C.	do.	69 60
		Schrader, Ernest.	do.	24 00
		Withey, L. B.	do.	55 12
		Canady, Neal.	do.	23 40
		Wiltz, Frank.	do.	42 50
		Mathews, Thurman.	do.	50 00
O 2318	do.	Hannah, H. I.	Wages.	42 88
O 2319	do.	Jenks, P. D.	do.	36 00
O 2320	do.	Odell, Arthur.	do.	23 08
O 2321	do.	Semple, Arthur.	do.	32 50
O 2322	do.	Shonie, H. A.	do.	4 75
O 2323	do.	Slater, M. E.	do.	49 40
O 2324	do.	Campbell, W. F.	do.	5 62
O 2325	do.	Leggitt, F. W.	do.	15 40
O 2326	do.	James B. Clow & Sons.	General supplies.	22 36
O 2327	do.	The Snead & Co. Iron Works.	Furniture and fixtures.	2 00
O 2328	do.	Urbana Light, Heat & Power Co.	Light.	7 13
O 2329	do.	J. J. Didcoet.	Traveling expenses.	17 36
O 2330	do.	Knowlton & Bennett.	Supplies.	6 90
O 2331	do.	J. W. Butler Paper Co.	Office supplies.	68 79

## OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1914			
O 2332	Oct. 5	O. E. Staples, Bursar	Student labor	\$ 480 25
O 2333	do.	O. E. Staples, Bursar	General labor	993 30
O 2334	Oct. 7	Pay roll	September, 1914	24 30
		Galpin, Stella	Salary	\$24 30
O 2335	Oct. 8	C. H. Cox	Traveling expenses	15 95
O 2336	do.	W. W. Yapp	do	20 78
O 2337	do.	Chris C. Jensen	do	9 75
O 2338	do.	Andrew Boswell	Rentals	7 00
O 2339	do.	A. J. Gunderson	Traveling expenses	9 10
O 2340	do.	Miller-Bryant-Pierce Co.	Office equipment	26 00
O 2341	do.	J. W. Butler Paper Co.	Office supplies	5 24
O 2342	do.	The Weis Mfg. Co.	do	19 06
O 2343	do.	Louis Melind Co.	Supplies	1 38
O 2344	do.	Electric Coal Co.	Coal	1,720 31
O 2345	do.	Glidden Varnish Co.	Paint	11 76
O 2346	do.	Review Printing & Stationery Co.	Publications	1,685 12
O 2347	do.	A. C. McClurg & Co.	Books	13 88
O 2348	do.	L. S. Baldwin	Wages	59 80
O 2349	do.	B. E. Pontius	Traveling expenses	16 35
O 2350	do.	F. W. Wascher	do	49 65
O 2351	do.	R. W. Dickenson	do	59 19
O 2352	do.	H. C. Wheeler	do	66 44
O 2353	do.	Orr M. Allen	do	27 20
O 2354	do.	H. J. Snider	do	12 74
O 2355	do.	E. E. Hoskins	do	40 26
O 2356	do.	A. W. Nolan	do	11 12
O 2357	do.	C. C. Logan	do	22 06
O 2358	do.	Harrison Fahrnkopf	do	45 10
O 2359	do.	D. O. Barfo	do	14 20
O 2360	do.	J. E. Whitchurch	do	65 71
O 2361	do.	S. V. Holt	do	209 37
O 2362	do.	The C. H. Hanson Co.	Supplies	2 36
O 2363	do.	The Gamble Hinged Music Co.	General supplies	7 70
O 2364	do.	Jno. B. Bennett	General	60 92
O 2365	do.	Eastman Kodak Co.	Blue printing	4 36
O 2366	do.	The Capital Plating Co.	Laboratory supplies	27 88
O 2367	do.	National Carbon Co.	Apparatus repairs	2 16
O 2368	do.	J. M. Kaufman & Co.	Laboratory supplies	6 00
O 2369	do.	Edward Orton, Jr.	do	43 00
O 2370	do.	T. I. Killpatrick	Sundries	4 00
O 2371	do.	American Jersey Cattle Club	do	2 00
O 2372	do.	Holstein-Friesian Assn. of America	do	12 50
O 2373	do.	The University Press	Incidentals	1 25
O 2374	do.	J. S. Reimund	Food supplies	6 75
O 2375	do.	O. J. McCloskey	Feed stuff	64 00
O 2376	do.	Elmer Frazier	do	32 00
O 2377	do.	Bennetts Newspaper Agency	General supplies	55 35
O 2378	do.	Derrough & Co.	Building material	28 50
O 2379	do.	Western Union Telegraph Co.	Incidentals	6 00
O 2380	do.	Woldenberg & Schaar	Laboratory supplies	432 52
O 2381	do.	Collins & Slimp	Sundries	9 00
O 2382	do.	J. C. Vestergaard	Blue printing	1 00
O 2383	do.	Scientific Materials Co.	Laboratory supplies	30 00
O 2384	do.	Swartz Electric Co.	Laboratory supplies	3 25
O 2385	do.	Whitall Tatum Co.	General supplies	33 87
O 2386	do.	Associated Architects Printing & Supply Co.	Printing	23 27
O 2387	do.	B. F. Stevenson & Son	Food	239 70
O 2388	do.	Albert E. Wuesteman	General supplies	3 00
O 2389	do.	Goodspeed's Book Shop	do	1 00
O 2390	do.	Spencer Lens Co.	Laboratory supplies	24 17
O 2391	do.	The Wabash Cabinet Co.	Office supplies	6 10
O 2392	do.	Herman Douthitt	Laboratory supplies	3 00
O 2393	do.	Western Biological Supply Co.	do	2 00
O 2394	do.	F. J. Burns & Co.	do	1 75
O 2395	Oct. 9	Eisner Grocery Co.	Food supplies	108 65
O 2396	do.	John Reichard	Feeding stuffs	513 28
O 2397	do.	Urbana Courier Co.	General supplies	30 75
O 2398	do.	Fuller & Fuller Co.	Laboratory supplies	23 90
O 2399	do.	White Line Steam Laundry	Incidentals	19 63
O 2400	do.	F. M. Foltz	Machine repairs	11 00
O 2401	do.	The Letter Shop	Printing	8 65
O 2402	do.	P. S. Campbell	do	28 75
O 2403	do.	Bacon Bros.	General supplies	1 45
O 2404	do.	G. C. Willis	do	16 25
O 2405	do.	Champaign Steam Laundry	Laundry	28 19
O 2406	do.	Royal A. Stipes	Building repairs	9 18
O 2407	do.	Central Supply Co.	General supplies	294 30

## OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
1914				
O 2408	Oct. 9	Central Electric Co. ....	Laboratory supplies. ....	\$ 4 87
O 2409	do.	F. K. Robeson. ....	Office supplies. ....	11 09
O 2410	do.	Twin City Ice & Cold Storage Co. ....	General supplies. ....	62 00
O 2411	do.	E. H. Sargent & Co. ....	Laboratory supplies. ....	138 13
O 2412	do.	D. H. Lloyd. ....	Books. ....	16 80
O 2413	do.	Crane Co. ....	Buildings repairs. ....	11 34
O 2414	do.	Illinois State Reformatory. ....	Publications. ....	314 05
O 2415	do.	Taylor Hardware Co. ....	General supplies. ....	24 79
O 2416	do.	The Western Electric Co. ....	Electrical supplies. ....	2,306 47
O 2417	do.	L. B. Malecki & Co. ....	Books. ....	2 52
O 2418	do.	F. S. Wing. ....	Live stock. ....	100 00
O 2419	do.	Henry J. Green. ....	Laboratory apparatus. ....	23 40
O 2420	do.	Pratt & Whitney Co. ....	Laboratory supplies. ....	1 10
O 2421	do.	National Railway Publishing Co. ....	Office supplies. ....	8 00
O 2422	do.	The Gilbert & Bennett Mfg. Co. ....	Laboratory supplies. ....	3 78
O 2423	do.	John Wiley & Sons, Inc. ....	Books. ....	10 00
O 2424	do.	Defender Photo Supply Co. ....	General supplies. ....	3 67
O 2425	do.	Watry & Heidkamp. ....	do. ....	1 50
O 2426	do.	The R. W. McCready Cork Co. ....	Laboratory supplies. ....	1 62
O 2427	do.	Cornell Cooperative Society. ....	do. ....	1 00
O 2428	do.	Spencer Lens Co. ....	do. ....	52 17
O 2429	do.	C. L. Gregory. ....	Services. ....	1 25
O 2430	do.	F. M. Leslie. ....	Blue printing. ....	14 75
O 2431	do.	A. L. Gibson. ....	General supplies. ....	6 00
O 2432	do.	Allison & Hadaway. ....	do. ....	5 15
O 2433	do.	Geo. Murphy, Inc. ....	do. ....	23 50
O 2434	do.	Anseo Co. ....	do. ....	9 00
O 2435	do.	J. M. Mitchell. ....	Feeding stuff. ....	13 80
O 2436	do.	F. M. Buek. ....	Live stock. ....	75 00
O 2437	do.	D. R. Lee. ....	Feeding stuff. ....	220 80
O 2438	do.	E. Murray & Sons. ....	General supplies. ....	35 20
O 2439	do.	S. C. Wilson & Co. ....	Feeding stuff. ....	30 38
O 2440	do.	Eugene Dietzgen Co. ....	General supplies. ....	6 30
O 2441	do.	Stipes & Hecker. ....	Building repairs. ....	5 10
O 2442	do.	M. A. Donohue & Co. ....	Office supplies. ....	5 00
O 2443	do.	Jas. H. Rice Co. ....	Laboratory supplies. ....	2 88
O 2444	do.	Metzler & Schafer Co. ....	Food supplies. ....	11 93
O 2445	do.	General Electric Co. ....	Laboratory supplies. ....	1 89
O 2446	do.	Kauffel & Esser Co. ....	do. ....	17 97
O 2447	do.	H. Swannell & Son. ....	General supplies. ....	4 20
O 2448	do.	Eisner Grocery Co. ....	Foodstuffs. ....	14 70
O 2449	do.	The Garlock Packing Co. ....	Supplies. ....	1 77
O 2450	do.	Fred Dale. ....	Wages. ....	10 60
O 2451	do.	Herman Dale. ....	do. ....	15 70
O 2452	do.	H. Mueller Mfg. Co. ....	Supplies. ....	2 76
O 2453	do.	Fuller & Fuller Co. ....	Laboratory supplies. ....	1 05
O 2454	do.	Western Stoneware Co. ....	General supplies. ....	10 50
O 2455	do.	Woldenberg & Schaar. ....	Laboratory supplies. ....	302 75
O 2456	do.	John Ruhn, Jr. ....	General supplies. ....	133 32
O 2457	do.	The Emil Greiner Co. ....	Laboratory apparatus. ....	10 50
O 2458	do.	McGraw-Hill Book Co. ....	Books. ....	9 00
O 2459	do.	Flannagan & Biedenway. ....	General supplies. ....	29 64
O 2460	do.	D. H. Lloyd. ....	Office equipment. ....	36 00
O 2461	do.	The Leeds & Northrup Co. ....	Laboratory apparatus. ....	106 15
O 2462	do.	Ade Khotinsky. ....	General supplies. ....	5 76
O 2463	do.	Indian Electrottype Co. ....	Publications. ....	8 03
O 2464	do.	W. Lewis & Co. ....	General supplies. ....	4 50
O 2465	do.	Farrar & Quinlan. ....	Food supplies. ....	70 26
O 2466	do.	Dallenbach Bros. ....	do. ....	91 50
O 2467	do.	Flannigan-Pearson Co. ....	Publications. ....	48 69
O 2468	do.	Fred Pine. ....	Traveling expenses. ....	12 40
O 2469	do.	B. E. Powell. ....	do. ....	9 49
O 2470	Oct. 14	Commonwealth Edison Co. ....	Power. ....	34 00
O 2471	do.	Chicago Telephone Co. ....	Exchange service. ....	11 42
O 2472	do.	Chicago Towel Co. ....	Laundry. ....	24 00
O 2473	do.	A. Dalgger & Co. ....	Laboratory supplies. ....	53 50
O 2474	do.	H. F. Bremer. ....	Repairs. ....	36 50
O 2475	do.	Western Stoneware Co. ....	General supplies. ....	1 50
O 2476	do.	F. G. Hartwell Co. ....	Coal. ....	41 13
O 2477	do.	Demonstrator's Assn. of Illinois. ....	Cadavers. ....	10 00
O 2478	do.	Steindorf's Protective Agency. ....	Police service. ....	60 00
O 2479	do.	Riddeford Bros. ....	General supplies. ....	97 60
O 2480	do.	Freeman-Sweet Co. ....	Repairs. ....	27 22
O 2481	do.	Maas Bros. ....	Maintenance. ....	13 15
O 2482	do.	Illinois State Reformatory. ....	Printing. ....	9 05
O 2483	do.	Hamblin Plumbing Co. ....	Electrical service. ....	39 48
O 2484	do.	Borden's Condensed Milk Co. ....	General supplies. ....	1 28
O 2485	do.	Calumet Laundry Co. ....	Laundry. ....	27 02

## OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
1914				
O 2486	Oct. 14	J. F. Smith...	Traveling expenses...	\$ 28 80
O 2487	..do...	D. T. Brooks...	..do...	7 20
O 2488	..do...	W. J. Hampton...	..do...	13 10
O 2489	..do...	O. S. Watkins...	..do...	48 50
O 2490	..do...	W. S. Brock...	..do...	10 38
O 2491	..do...	H. P. Rusk...	..do...	158 36
O 2492	..do...	J. W. Butler Paper Co.	Supplies	51 80
O 2493	..do...	J. J. Didcoet...	Traveling expenses	16 77
O 2494	..do...	H. A. Hollister...	..do...	18 85
O 2495	..do...	A. C. McClurg & Co.	Office supplies	8 03
O 2496	..do...	Arthur Ochs...	Rabbits	13 50
O 2497	..do...	The S. S. White Dental Mfg. Co.	Laboratory supplies	13 89
O 2498	..do...	H. Mueller & Co.	General supplies	138 52
O 2499	..do...	The Western Union Telegraph Co.	Time service	24 00
O 2500	..do...	Western Lumber Co.	Lumber	14 63
O 2501	..do...	Morrison, Plummer & Co.	General supplies	8 50
O 2502	..do...	Bausch & Lomb Optical Co.	Apparatus, etc.	113 75
O 2503	..do...	E. H. Sargent & Co.	Apparatus, supplies	24 14
O 2504	..do...	Albert E. Branch...	Musicians' services	45 00
O 2505	..do...	Mallory, Mitchell & Faust.	Advertising	302 80
O 2506	..do...	Bradner, Smith & Co.	General supplies	10 25
O 2507	..do...	The Peoples Gas Light & Coke Co.	Gas	23 84
O 2508	..do...	Huntley Dairy Co.	General supplies	8 27
O 2509	..do...	The Western Electric Co.	Lamps, supplies	25 05
O 2510	..do...	O. E. Staples, Bursar.	General labor	779 60
O 2511	..do...	O. E. Staples, Bursar.	..do...	344 10
O 2512	..do...	O. E. Staples, Bursar.	Student labor	468 65
O 2513	Oct. 15	Williams Bros.	Glass	17 75
O 2514	..do...	Illinois State Penitentiary	Brooms	29 70
O 2515	..do...	R. M. Starbuck & Sons.	Tools	32 89
O 2516	..do...	Leavitt Mfg. Co.	Twist bars	3 51
O 2517	..do...	Swartz Electric Shop.	Boxes	6 50
O 2518	..do...	Indian Refining Co.	Oil	32 73
O 2519	..do...	Graham Paper Co.	Blotlers	12 37
O 2520	..do...	J. W. Butler Paper Co.	Ledgers	12 19
O 2521	..do...	Underwood Typewriter Co.	Brushes	1 20
O 2522	..do...	General Electric Co.	Supplies	40 38
O 2523	..do...	James B. Clow & Sons.	Iron sink	9 25
O 2524	..do...	Crouse Hinds Co.	Building material	40 39
O 2525	..do...	Illinois State Reformatory	Office equipment	165 15
O 2526	..do...	E. A. Eichhorst	Repair work	5 80
O 2527	..do...	R. B. McKee	Feed	80 88
O 2528	..do...	Automatic Electric Co.	Electrical supplies	3 66
O 2529	..do...	Barnhart Bros.	General supplies	3 60
O 2530	..do...	Western Electric Co.	Electrical supplies	1 14
O 2531	..do...	Woldenberg & Schaar	Laboratory supplies	1,039 29
O 2532	..do...	H. Swannell & Sons	..do...	8 15
O 2533	..do...	Reliable Plumbing & Heating Co.	Building repairs	1 57
O 2534	..do...	Derrough & Co.	General supplies	2 00
O 2535	..do...	Hoskins Mfg. Co.	Apparatus repairs	5 00
O 2536	..do...	German Kali Works, Inc.	General supplies	53 00
O 2537	..do...	W. F. Murphy	Laboratory supplies	2 50
O 2538	..do...	Illinois Glass Co.	..do...	43 70
O 2539	..do...	Armour & Co.	..do...	2 00
O 2540	..do...	A. S. Nelson & Sons	..do...	4 90
O 2541	..do...	The Letter Shop	Printing	2 37
O 2542	..do...	C. H. Besly & Co.	Laboratory supplies	5 10
O 2543	..do...	F. K. Robeson	..do...	9 38
O 2544	..do...	J. G. Cherry Co.	Machinery repairs	1 09
O 2545	..do...	Creamery Package Mfg. Co.	Building repairs	21 00
O 2546	..do...	Standard Oil Co.	General supplies	1 73
O 2547	..do...	Best & Co.	..do...	37 50
O 2548	..do...	John Reichard	Feed	73 18
O 2549	..do...	Merck & Co.	Laboratory supplies	37 00
O 2550	..do...	H. I. Carpenter	Tune pianos	8 75
O 2551	..do...	Weiner & Schweinsberg	Machinery repairs	6 85
O 2552	..do...	Irving-Pitt Mfg. Co.	Supplies	1 66
O 2553	..do...	Dr. R. W. Braithwaite	Expert services	8 00
O 2554	..do...	L. R. Lang	Traveling expenses	7 85
O 2555	..do...	Earl Garver	..do...	5 81
O 2556	..do...	C. G. Cox	..do...	12 80
O 2557	..do...	H. C. Lawson	..do...	15 66
O 2558	..do...	Maud Parsons	..do...	10 04
O 2559	..do...	Isabel Bevier	..do...	9 29
O 2560	..do...	R. T. Stull	..do...	33 87
O 2561	..do...	L. E. Foglesong	Expert services	174 99



## OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1914			
O 2562	Oct. 15	Neostyle Co.	Office supplies.	\$ 1 75
O 2563	do.	Munhall Printing House.	General supplies.	1 25
O 2564	do.	B. F. Stevenson.	do.	1 60
O 2565	do.	National Engraving Co.	Publishing.	16 50
O 2566	do.	General Chemical Co.	Laboratory supplies.	41 84
O 2567	do.	The Chester Transfer Co.	Sundries.	1 50
O 2568	do.	William Cooper & Nephews.	General supplies.	1 11
O 2569	do.	F. S. Burch & Co.	do.	12 00
O 2570	do.	Conner & Quayle.	Sundries.	24 25
O 2571	do.	Duroc Bulletin Co.	Laboratory supplies.	2 00
O 2572	do.	D. T. Dobbins.	Feed stuffs.	4 40
O 2573	do.	Wade & Crang.	do.	160 91
O 2574	do.	Indian Refining Co.	General supplies.	3 25
O 2575	do.	J. Heffernan & Son.	Laboratory supplies.	16 00
O 2576	do.	Baker & Co., Inc.	do.	84 03
O 2577	do.	A. F. Gustafson.	Traveling expenses.	21 07
O 2578	do.	Albert Tate.	Field work.	81 75
O 2579	do.	Geo. W. Matheny.	General.	57 00
O 2580	do.	Wm. Aten, Sr.	do.	54 75
O 2581	do.	Ed. Green.	Field work.	32 78
O 2582	do.	A. L. Moats.	do.	21 00
O 2583	do.	Frank Morgan.	do.	43 00
O 2584	do.	Wm. Mays.	do.	30 00
O 2585	do.	F. W. Garrett.	do.	27 15
O 2586	do.	Harry C. Gilkerson.	do.	21 00
O 2587	do.	L. A. Hunter.	General.	29 95
O 2588	do.	Geo. F. Smalley.	Traveling expenses.	13 44
O 2589	do.	J. B. Marshall.	Field work.	84 40
O 2590	do.	Stephen Rogers.	do.	160 65
O 2591	do.	Fred H. Rankin.	Traveling expenses.	49 15
O 2592	do.	O. E. Shobe & Co.	Sundries.	9 00
O 2593	do.	W. Lewis & Co.	General supplies.	17 96
O 2594	do.	E. A. Eichhorst.	Machinery repairs.	9 85
O 2595	do.	Corbin Cabinet Lock Co.	General supplies.	138 52
O 2596	do.	Chester Horseshoeing Shop.	Sundries.	25 00
O 2597	do.	The Tablet & Ticket Co.	Supplies.	3 97
O 2598	do.	Elmer & Amend.	Laboratory supplies.	165 10
O 2599	do.	Bausch & Lomb Optical Co.	do.	327 82
O 2600	do.	Twin City Ice & Cold Storage Co.	do.	60 00
O 2601	do.	Champaign Steam Laundry.	Sundries.	36 24
O 2602	do.	E. H. Sargent & Co.	Laboratory supplies.	197 55
O 2603	do.	Alexander Lumber Co.	General supplies.	10 90
O 2604	do.	John H. Doyle.	Apparatus repairs.	21 25
O 2605	do.	A. C. McClurg & Co.	Supplies.	57 02
O 2606	do.	Irving-Pitt Mfg. Co.	do.	9 88
O 2607	do.	Louis Melind Co.	do.	2 71
O 2608	do.	Walker & Mulliken.	Expenses.	2 03
O 2609	do.	Chas. A. Hall Co.	General supplies.	23 19
O 2610	do.	F. M. Leslie.	do.	1 75
O 2611	do.	Percival & Moorehead.	Laboratory apparatus.	11 60
O 2612	do.	The Burr Co.	Laboratory supplies.	38 76
O 2613	do.	Illinois State Reformatory.	Printing.	129 90
O 2614	do.	Flanigan-Pearson Co.	do.	40 42
O 2615	do.	Dr. H. A. Harding.	Traveling expenses.	30 30
O 2616	do.	Miller-Bryant-Pierce Co.	Supplies.	47 64
O 2617	do.	Pay roll.	October, 1914.	86,795 55
		Filbey, E. J.	Salary.	\$ 183 33
		James, Edmund J.	do.	1,000 00
		Frazer, George E.	do.	333 33
		Fair, Sue M.	do.	80 00
		Warnock, A. R.	do.	150 00
		Kyle, Martha J.	do.	166 66
		Strong, Lillian	do.	50 00
		Huff, G. A.	do.	416 66
		Manley, E. J.	do.	100 00
		Jones, R. E.	do.	120 00
		Gill, Harry.	do.	220 00
		Fargo, R. N.	do.	166 66
		Moulton, Gertrude E.	do.	133 33
		Brooks, Verna.	do.	100 00
		Osmond, Edith G.	do.	90 00
		Hughitt, Anna L.	do.	110 00
		Shoemaker, Dorothy Ruth.	do.	89 00
		Gaut, Rosa-Lee.	do.	50 00
		Jackson, Mabel, (Student).	do.	20 00
		Webster, F. D.	do.	48 00
		Hollister, H. A.	do.	270 83
		Didcoet, J. J.	do.	133 33

## OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
O 2617 Ctd.	1914 Oct. 15	Eldredge, A. G. ....	Salary	\$250 00
		Bollman, Minnie J, (Student).....	do	32 50
		Breedis, John.....	do	18 00
		Britton, F. E, (Student).....	do	40 00
		Christy, Glenn, (Student).....	do	18 00
		Craig, Jennie.....	do	80 00
		Drury, F. K. W.....	do	200 00
		Dunlap, Fannie, (Student).....	do	65 00
		Felsenthal, Emma.....	do	83 33
		Fontaine, E. O.....	do	36 00
		Gibson, Mable, (Student).....	do	27 50
		Goulding, P. S.....	do	166 66
		Graves, C. E.....	do	100 00
		Herdman, Margaret.....	do	75 00
		Hubbard, Marie, (Student).....	do	27 50
		Hutchins, Margaret.....	do	83 33
		Janvrin, C. E.....	do	41 66
		Johnson, Alice.....	do	83 33
		Jutton, Emma.....	do	108 33
		Leatherman, Marion.....	do	75 00
		Patton, Adah.....	do	91 66
		Torrance, Mary.....	do	75 00
		Troy, Mary.....	do	65 00
		Windsor, F. L.....	do	291 66
		Conat, Mabel, (Student).....	do	37 50
		England, Grace, (Student).....	do	37 50
		Erwin, Elizabeth, (Student).....	do	30 00
		Eppinger, J. G., (Student).....	do	36 00
		Williams, Margaret, (Student).....	do	48 00
		Baechtold, Elsie, (Student).....	do	48 00
		Wyeth, Ola M.....	do	40 00
		Price, M. O., (Student).....	do	40 38
		Roberts, Nellie, (Student).....	do	32 50
		Hester, Elizabeth, (Student).....	do	60 00
		Davenport, Eugene.....	do	500 00
		Checkley, J. H.....	do	100 00
		Jamison, A. W.....	do	166 66
		Miller, W. P.....	do	50 00
		Nolan, A. W.....	do	200 00
		Rankin, F. H.....	do	291 66
		Allyn, Orr.....	do	100 00
		Aumer, J. P.....	do	150 00
		Bauer, F. C.....	do	150 00
		Binding, L. R.....	do	100 00
		Brunson, A. M.....	do	83 33
		Burlison, W. L.....	do	116 66
		Clevenger, C. B.....	do	83 33
		Dickenson, R. W.....	do	100 00
		Dickerson, I. W.....	do	150 00
		Eckblaw, K. J. T.....	do	150 00
		Ellis, O. I.....	do	83 33
		Fahrnkopf, H. F. T.....	do	83 33
		Fisher, F. A.....	do	116 66
		Fisher, O. S.....	do	208 33
		Garrett, F. W.....	do	116 66
		Gentle, G. E.....	do	83 33
		Gernert, W. B.....	do	150 00
		Gilkerson, H. C.....	do	83 33
		Gustafson, A. F.....	do	175 00
		Holt, S. V.....	do	150 00
		Hoskins, E. E.....	do	150 00
		Leighty, W. R.....	do	116 66
		Logan, C. C.....	do	150 00
		Mosier, J. G.....	do	291 66
		Niederman, Gertrude.....	do	100 00
		Pettit, J. H.....	do	125 00
		Sachs, W. H.....	do	150 00
		Schoonover, W. R.....	do	83 33
		Smith, L. H.....	do	291 66
		Snider, H. J.....	do	83 33
		Stewart, H. W.....	do	150 00
		Walworth, E. H.....	do	83 33
		Wascher, F. M. W.....	do	116 66
		Wheeler, H. C.....	do	150 00
		Whiting, A. L.....	do	150 00
		Reed, C. O.....	do	116 66
		Jahr, M. E.....	do	133 33
		Ebersol, E. T.....	do	50 00

## OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
O 2617 Ctd.	1914 Oct. 15	Barto, D. O.	Salary	\$200 00
		Bull, Sleetor	do	150 00
		Carmichael, W. J.	do	116 66
		Coffey, W. C.	do	266 66
		Detlefsen, J. A.	do	200 00
		Edmonds, J. L.	do	208 33
		Grindley, H. S.	do	291 66
		Joseph, W. E.	do	150 00
		Mitchell, H. H.	do	141 66
		Mumford, H. W.	do	416 66
		Newlin, C. I.	do	108 33
		Rusk, H. P.	do	208 33
		Smith, W. H.	do	141 66
		Yoke, J. J.	do	100 00
		Whisenand, J. W.	do	41 66
		Harper, Claude	do	83 33
		Andrews, J. B.	do	100 00
		Shiner, R. T.	do	70 00
		Hepburn, N. W.	do	208 33
		Brand, R. E.	do	175 00
		Crandall, W. T.	do	150 00
		Fraser, W. J.	do	291 66
		Harding, H. A.	do	416 66
		Hulce, R. S.	do	133 33
		Keller, O. A.	do	100 00
		Lang, L. R.	do	175 00
		Ruehe, H. A.	do	141 66
		Weeter, H. M.	do	83 33
		Yapp, W. W.	do	100 00
		Nevens, W. B.	do	75 00
		Allen, P. W.	do	66 66
		Turner, Frank	do	75 00
		Allison, I. D.	do	150 00
		Aust, F. A.	do	116 66
		Blair, J. C.	do	416 66
		Colby, A. S.	do	60 00
		Dorner, H. B.	do	250 00
		Durst, C. E.	do	150 00
		Gardner, J. J.	do	166 66
		Gunderson, A. J.	do	116 66
		Hoffman, R. W.	do	83 33
		Hutchinson, James	do	100 00
		Lloyde, J. W.	do	291 66
		Miller, Wilhelm	do	250 00
		Muncie, F. W.	do	100 00
		Peltier, G. L.	do	133 33
		Pickett, B. S.	do	250 00
		Rees, C. C.	do	50 00
		Robinson, C. M.	do	100 00
		Root, R. R.	do	208 33
		Ruth, W. A.	do	150 00
		Smith, F. A. C.	do	125 00
		Watkins, O. S.	do	175 00
		Evans, F. N.	do	150 00
		Blaney, H. W.	do	116 66
		Brown, H. D.	do	70 00
		Englis, B. T.	do	60 00
		Miles, L. E.	do	41 66
		VanKleeck, J. R.	do	83 33
		Deal, Edwin	do	41 66
		Hecht, August	do	70 00
		Bevier, Isabel	do	250 00
		Goldthwaite, Nellie	do	208 33
		Gray, Cora B.	do	116 66
		Harrison, Florence	do	116 66
		Parsons, Maud	do	125 00
		Seymour, Lurene	do	150 00
		Wheeler, Ruth	do	141 66
		Gray, Greta E.	do	86 66
		Fleming, Georgia	do	100 00
		Stevens, Grace	do	108 33
		Bunch, Mamie	do	166 66
		Williams, Anna L.	do	100 00
		Stanton, Margaret	do	116 66
		McIntosh, Donald	do	208 33
		Newell, C. R.	do	100 00
		Ash, Percy	do	208 33
		Clark, C. R.	do	166 66

## OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
O 2617 Ctd.	1914 Oct. 15	Provine, L. H.	Salary	\$291 66
		Ricker, N. C.	do	291 66
		Titcomb, W. C.	do	175 00
		Wells, N. A.	do	208 33
		Fanning, R. S.	do	120 00
		Foster, W. D.	do	140 00
		Jones, R. T.	do	160 00
		Corrubia, A. B. M.	do	160 00
		Wolfe, W. S.	do	110 00
		Fehrenkamp, Winifred.	do	83 33
		Muehlmann, Ralph	do	140 00
		Stanton, W. M.	do	120 00
		Kellogg, J. M.	do	150 00
		Baker, I. O.	do	333 33
		Bowling, B. L.	do	83 33
		Garver, N. B.	do	141 66
		McDaniel, A. B.	do	229 16
		Parcel, J. I.	do	208 33
		Smith, J. E.	do	150 00
		Wiley, C. C.	do	141 66
		Wilson, W. M.	do	183 33
		Pickells, G. W.	do	150 00
		Raynor, W. H.	do	130 00
		Davis, R. E.	do	120 00
		Ellis, C. A.	do	264 20
		Biegler, P. S.	do	166 66
		Brooks, Morgan	do	250 00
		Fisk, I. W.	do	133 33
		James, L. V.	do	133 33
		Paine, E. B.	do	250 00
		Waldo, E. H.	do	166 66
		Knight, A. R.	do	150 00
		Davis, J. W.	do	140 00
		Moore, C. R.	do	150 00
		Miller, H. W.	do	183 33
		Porter, F. M.	do	125 00
		Steward, R. K.	do	141 66
		Rugg, H. O.	do	150 00
		Jordan, H. H.	do	140 00
		Crane, Rufus	do	100 00
		Husband, R. M.	do	30 00
		Benedict, B. W.	do	291 66
		Dent, J. A.	do	150 00
		Frisk, J. A.	do	91 66
		Goodenough, G. A.	do	291 66
		Harding, L. A.	do	291 66
		Leutwiler, O. A.	do	241 66
		Richards, C. R.	do	479 16
		Willard, A. C.	do	200 00
		Godeke, H. F.	do	140 00
		Kennedy, R. E.	do	150 00
		Waterfall, H. W.	do	140 00
		Torrance, F. C.	do	120 00
		Rebman, P. J.	do	90 00
		Gross, G. A.	do	150 00
		Frank, Edwin	do	120 00
		Duncan, J. M.	do	90 00
		Lanham, E. T.	do	120 00
		McDewell, H. S.	do	120 00
		Domonske, A. B.	do	140 00
		Radebaugh, G. H.	do	120 00
		Holbrook, A. E.	do	208 33
		Stoek, H. H.	do	416 66
		Callan, A. C.	do	150 00
		Andros, S. O.	do	175 00
		Enger, M. L.	do	187 50
		Fleming, V. R.	do	150 00
		Talbot, A. N.	do	416 66
		Seeley, F. B.	do	170 00
		Boomsliter, G. P.	do	170 00
		Noerenberg, C. E.	do	170 00
		Ensign, N. E.	do	150 00
		Babbitt, H. E.	do	150 00
		Gardner, Harry	do	150 00
		Vallance, Alexander	do	140 00
		Putnam, W. J.	do	100 00
		Carman, A. P.	do	416 66
		Knipp, C. T.	do	233 33

## OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
O 2617 Ctd.	1914 Oct. 15	Kunz, Jacob.....	Salary.....	\$208 33
		Schulz, W. F.....	do.....	183 33
		Williams, E. H.....	do.....	141 66
		Watson, F. R.....	do.....	229 16
		Randolph, O. A.....	do.....	100 00
		Hyslop, W. H.....	do.....	95 00
		Warner, E. H.....	do.....	90 00
		Karrer, Sebastian.....	do.....	75 00
		Nathanson, J. B.....	do.....	75 00
		Hill, C. F.....	do.....	50 00
		Bayley, P. L.....	do.....	50 00
		Jones, L. T.....	do.....	115 00
		Buck, A. M.....	do.....	150 00
		Comstock, A. F.....	do.....	166 66
		Schmidt, E. C.....	do.....	333 33
		Snodgrass, J. M.....	do.....	183 33
		Dunn, H. H.....	do.....	116 66
		Keller, R. B.....	do.....	166 66
		Kratz, A. P.....	do.....	133 33
		McFarland, D. F.....	do.....	166 66
		Moore, H. F.....	do.....	250 00
		Slater, W. A.....	do.....	150 00
		Yensen, T. D.....	do.....	133 33
		Gonnerman, H. F.....	do.....	150 00
		Wilson, L. A.....	do.....	116 66
		Dieckman, T. W., (Student).....	do.....	60 00
		Belt, J. H.....	do.....	50 00
		Montgomery, Julian.....	do.....	50 00
		Pogue, R. B.....	do.....	50 00
		Gatward, W. A.....	do.....	50 00
		Litchy, L. C.....	do.....	50 00
		Lukens, W. P.....	do.....	50 00
		Young, E. G.....	do.....	50 00
		Laying, T. E.....	do.....	50 00
		Draffin, J. O.....	do.....	50 00
		Nebel, M. L.....	do.....	50 00
		Decker, E. H.....	do.....	291 66
		Green, Frederick.....	do.....	291 66
		Harker, O. A.....	do.....	416 66
		Hale, W. G.....	do.....	291 66
		Pomeroy, J. N.....	do.....	258 33
		Vernier, C. G.....	do.....	291 66
		Carpenter, C. E.....	do.....	208 33
		Babcock, K. C.....	do.....	416 66
		Miller, Eva G.....	do.....	66 66
		Lake, E. J.....	do.....	187 50
		Wetmore, Mary M.....	do.....	150 00
		Bradbury, C. E.....	do.....	140 00
		Stebbins, Joel.....	do.....	291 66
		Samuels, A. I.....	do.....	35 00
		Reed, F. W.....	do.....	140 00
		Sperry, J. E.....	do.....	150 00
		Burton, L. V.....	do.....	120 00
		Winslow, J. C.....	do.....	30 00
		Hottes, C. F.....	do.....	250 00
		Stevens, F. L.....	do.....	333 33
		Trelease, William.....	do.....	416 66
		Hague, Stella M.....	do.....	100 00
		McDougall, W. B.....	do.....	120 00
		Parr, Rosalie.....	do.....	80 00
		Quick, B. E.....	do.....	60 00
		Kempton, F. E.....	do.....	60 00
		Dalbey, Nora.....	do.....	60 00
		Waggoner, H. D.....	do.....	60 00
		Pickler, W. E.....	do.....	30 00
		Davis, R. L.....	do.....	30 00
		Lamkey, E. M. R.....	do.....	60 00
		Lantz, C. W.....	do.....	60 00
		Hursh, R. K.....	do.....	160 00
		Stull, R. T.....	do.....	250 00
		Danielson, R. R.....	do.....	75 00
		Radcliffe, B. S.....	do.....	120 00
		Williams, A. E.....	do.....	130 00
		Balke, C. W.....	do.....	250 00
		Derick, C. G.....	do.....	166 66
		Noyes, W. A.....	do.....	416 66
		Parr, S. W.....	do.....	333 33
		Smith, G. M.....	do.....	166 66

## OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
O 2617 Ctd.	1914 Oct. 15	Washburn, E. W.....	Salary.....	\$291 66
		Weber, H. C. P.....	do.....	166 66
		Allen, R. W.....	do.....	30 00
		Anders, Paul.....	do.....	130 00
		Ball, T. R.....	do.....	60 00
		Beal, G. D.....	do.....	125 00
		Bissell, D. W.....	do.....	30 00
		Braley, S. A.....	do.....	35 00
		Broderon, H. J.....	do.....	130 00
		Burthart, C. W.....	do.....	10 00
		Charleton, E. F.....	do.....	50 00
		Chandler, E. M. A.....	do.....	10 00
		Cann, Jessie.....	do.....	120 00
		Darraha, Juanita.....	do.....	50 00
		Davidson, C. N.....	do.....	30 00
		Davison, B. S.....	do.....	60 00
		Dean, P. M.....	do.....	30 00
		Eckstein, H. C.....	do.....	10 00
		Engle, E. W.....	do.....	60 00
		Ford, J. T.....	do.....	30 00
		Gerry, H. L.....	do.....	30 00
		Hackanson, A. F.....	do.....	10 00
		Hatfield, W. D.....	do.....	10 00
		Hecker, C. H.....	do.....	120 00
		Hess, R. W.....	do.....	60 00
		Heuse, E. O.....	do.....	120 00
		Hjort, A. M.....	do.....	30 00
		Honovski, E. B.....	do.....	90 00
		Hopkins, B. S.....	do.....	125 00
		Janson, J. M.....	do.....	10 00
		Kamm, Oliver.....	do.....	60 00
		Karr, W. G.....	do.....	60 00
		Kremers, H. C.....	do.....	50 00
		Lee, H. R.....	do.....	30 00
		Lucas, J. B.....	do.....	30 00
		MacInnes, D. A.....	do.....	125 00
		Manuel, W. A.....	do.....	50 00
		Marquis, S. D.....	do.....	35 00
		Olin, H. L.....	do.....	120 00
		Read, J. W.....	do.....	60 00
		Rees, E. A.....	do.....	50 00
		Sears, G. W.....	do.....	120 00
		Taylor, E. H.....	do.....	35 00
		Taylor, S. C.....	do.....	60 00
		Thorp, Lambert.....	do.....	120 00
		Tippitt, R. W.....	do.....	35 00
		Shepard, A. D.....	do.....	30 00
		Skinner, G. S.....	do.....	30 00
		Wildman, E. A.....	do.....	60 00
		Wickers, E.....	do.....	50 00
		Hull, S. M.....	do.....	10 00
		Westhaefer, T. O.....	do.....	30 00
		Valentine, H. B.....	do.....	60 00
		MacArthur, C. G.....	do.....	150 00
		Barbe, Clarence.....	do.....	30 00
		Footitt, Frank.....	do.....	10 00
		Vollweiler, E. H.....	do.....	3 00
		Ruby, G. B.....	do.....	10 00
		Gilmore, R. E.....	do.....	50 00
		Brunskill, E. R.....	do.....	10 00
		Barton, H. J.....	do.....	291 66
		Canter, H. V.....	do.....	208 33
		Moss, C. M.....	do.....	250 00
		Oldfather, W. A.....	do.....	250 00
		Pease, A. S.....	do.....	250 00
		Bogart, E. L.....	do.....	291 66
		Chase, W. A.....	do.....	240 00
		Dewsnup, E. R.....	do.....	250 00
		Litman, Simon.....	do.....	208 33
		Robinson, M. H.....	do.....	125 00
		Weston, N. A.....	do.....	250 00
		Hieronymus, R. E.....	do.....	250 00
		Hellman, R. E.....	do.....	216 66
		Thompson, J. G.....	do.....	200 00
		Seoville, H. T.....	do.....	200 00
		McJohnston, H.....	do.....	180 00
		Peterson, E.....	do.....	60 00
		Dressen, W. H.....	do.....	60 00

## OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
O # 2617 Ctd.	1914 Oct. 15	Knight, C. K. ....	Salary .....	\$ 50 00
		McKenna, E. L. ....	do .....	50 00
		Leslie, H. D. ....	do .....	30 00
		Thompson, C. M. ....	do .....	191 66
		Bagley, W. C. ....	do .....	416 66
		Coffman, L. D. ....	do .....	291 66
		Johnston, C. H. ....	do .....	291 66
		Miller, W. S. ....	do .....	150 00
		Whipple, G. M. ....	do .....	229 16
		Hanger, J. W. ....	do .....	50 00
		Cobb, Margaret. ....	do .....	50 00
		Baldwin, E. C. ....	do .....	175 00
		Clark, T. A. ....	do .....	500 00
		Dodge, D. K. ....	do .....	270 83
		Fulton, Edward. ....	do .....	175 00
		Jones, H. S. V. ....	do .....	183 33
		Paul, H. G. ....	do .....	208 33
		Scott, F. W. ....	do .....	200 00
		Sherman, S. P. ....	do .....	308 33
		Woolbert, C. H. ....	do .....	166 66
		Zeitlin, Jacob. ....	do .....	141 66
		Creek, H. L. ....	do .....	125 00
		Wicher, G. F. ....	do .....	120 00
		Alden, A. S. ....	do .....	120 00
		Whitford, H. C. ....	do .....	100 00
		Hillebrand, H. M. ....	do .....	130 00
		Harris, L. H. ....	do .....	120 00
		Tieje, R. E. ....	do .....	120 00
		Jones, E. S. ....	do .....	120 00
		Curl, M. J. ....	do .....	140 00
		Stidson, R. O. ....	do .....	100 00
		Harbarger, Sada. ....	do .....	100 00
		Stanley, T. B. ....	do .....	100 00
		Savett, L. R. ....	do .....	100 00
		Dixon, R. E. ....	do .....	110 00
		Beck, Clyde. ....	do .....	50 00
		Loomis, R. S. ....	do .....	120 00
		Rinaker, Clarissa. ....	do .....	120 00
		Boyer, C. V. ....	do .....	141 66
		Schoepperle, Gertrude. ....	do .....	116 66
		Sutcliffe, E. G. ....	do .....	100 00
		Downs, C. S. ....	do .....	120 00
		Phelps, J. M. ....	do .....	100 00
		Kelso, Ruth. ....	do .....	100 00
		Buchen, W. A. ....	do .....	150 00
		Folsom, J. W. ....	do .....	208 33
		Forbes, S. A. ....	do .....	83 33
		MacGillivray, A. D. ....	do .....	250 00
		Peterson, Alvah. ....	do .....	60 00
		Glasgow, R. D. ....	do .....	130 00
		Bayley, W. S. ....	do .....	250 00
		Rolfe, C. W. ....	do .....	250 00
		Savage, T. E. ....	do .....	208 33
		DuBois, H. M. ....	do .....	50 00
		Read, M. K. ....	do .....	40 00
		Ross, C. S. ....	do .....	50 00
		Rich, J. L. ....	do .....	160 00
		Storrier, James. ....	do .....	60 00
		Brooks, N. C. ....	do .....	208 33
		Flom, G. T. ....	do .....	2 33
		Goebel, Julius. ....	do .....	312 50
		Lessing, O. E. ....	do .....	291 66
		Meyers, G. H. ....	do .....	229 16
		Poor, C. M. ....	do .....	150 00
		Williams, C. A. ....	do .....	150 00
		Keller, A. H. ....	do .....	140 00
		Barto, P. S. ....	do .....	120 00
		Zucker, A. E. ....	do .....	50 00
		Blaisdell, Daisy L. ....	do .....	100 00
		Green, Alexander. ....	do .....	135 00
		Bloomfield, Leonard. ....	do .....	166 66
		Alvord, C. W. ....	do .....	145 83
		Greene, E. B. ....	do .....	416 66
		Larson, L. M. ....	do .....	250 00
		Lybyer, A. H. ....	do .....	233 33
		Robertson, W. S. ....	do .....	208 33
		Jones, P. V. B. ....	do .....	150 00
		Pease, T. C. ....	do .....	125 00

## OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
O 2617 Ctd.	1914 Oct. 15	Cole, A. C.	Salary.	\$160 00
		Brush, Elizabeth.	do.	100 00
		Bishop, Mildred, (Student).	do.	40 00
		Miller, J. E.	do.	60 00
		Borger, R. L.	do.	125 00
		Crathorne, A. R.	do.	166 66
		Emch, Arnold.	do.	187 50
		Lytle, E. B.	do.	150 00
		Miller, G. A.	do.	291 66
		Rietz, H. L.	do.	158 33
		Shaw, J. B.	do.	229 16
		Sisam, C. H.	do.	183 33
		Townsend, E. J.	do.	333 33
		Wahlin, G. E.	do.	116 66
		Kempner, A. J.	do.	150 00
		Denton, W. W.	do.	140 00
		Chittenden, E. W.	do.	140 00
		Burns, Josephine.	do.	100 00
		Zels, H. C.	do.	60 00
		Wilson, W. H.	do.	60 00
		Hebbert, C. M.	do.	60 00
		Smith, G. W.	do.	60 00
		Marshall, R. H.	do.	60 00
		Grimes, N. C.	do.	120 00
		Burge, W. E.	do.	191 66
		Beard, J. H.	do.	140 00
		Neill, Alma J.	do.	60 00
		Bode, B. H.	do.	291 66
		Daniels, A. H.	do.	333 33
		Shepherd, Queen L.	do.	120 00
		Hessler, Carl.	do.	100 00
		Dodd, W. F.	do.	250 00
		Garner, J. W.	do.	333 33
		Mathews, J. M.	do.	150 00
		Story, R. M.	do.	180 00
		Hanford, A. C.	do.	50 00
		Bentley, Madison.	do.	270 83
		DeCamp, J. E.	do.	70 00
		Rogers, Sophie.	do.	30 00
		Reed, H. B.	do.	140 00
		Ruckmich, C. A.	do.	150 00
		Carnahan, D. H.	do.	225 00
		Pitz-Gerald, J. D. II	do.	225 00
		Oliver, T. E.	do.	250 00
		Seymour, A. R.	do.	191 66
		Carry, C. S.	do.	110 00
		Eppels, Joseph.	do.	100 00
		Wesenberg, T. G.	do.	100 00
		Kessler, Joseph.	do.	90 00
		Allen, Louis.	do.	90 00
		Moore, O. H.	do.	160 00
		Blondheim, D. S.	do.	166 66
		Soto, Rafael.	do.	100 00
		Hayes, E. C.	do.	275 00
		Hibbs, H. H.	do.	120 00
		Kingsley, J. S.	do.	291 66
		Smith, Frank.	do.	250 00
		Ward, H. B.	do.	416 66
		Zeleny, Charles.	do.	250 00
		Shelford, V. E.	do.	166 66
		VanCleave, H. J.	do.	130 00
		May, H. G.	do.	60 00
		Green, Bessie.	do.	60 00
		Linkins, R. H.	do.	60 00
		Heimbürger, H. V.	do.	60 00
		Chenoweth, H. E.	do.	40 00
		Merrill, Harriet B.	do.	40 00
		Conel, Jesse L.	do.	30 00
		Magath, T. B.	do.	30 00
		Higgins, G. M.	do.	30 00
		Metcalf, H. E.	do.	30 00
		Kinley, David.	do.	583 33
		Russell, F. A.	do.	50 00
		Scheffel, Yetta.	do.	50 00
		Kile, Jessie.	do.	45 00
		Hofst, J. A.	do.	45 00
		Albrecht, W. A.	do.	25 00
		Babbitt, Albert.	do.	25 00



## OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
O 2617 Ctd.	1914 Oct. 15	Bacon, Gertrude A.	Salary	\$ 25 00
		Barber, Julia	do	25 00
		Beck, Mary L.	do	25 00
		Coloin, Esther M.	do	25 00
		Cooke, D. G.	do	25 00
		Crooker, S. J.	do	25 00
		Cutler, Floy F.	do	25 00
		Dunham, W. A.	do	25 00
		Elliott, Erma L.	do	25 00
		Farner, E. E.	do	25 00
		Fazel, E. S.	do	25 00
		Fisher, Fay L.	do	25 00
		Griffin, Clare E.	do	25 00
		Hamilton, C. C.	do	25 00
		Heffernan, Ruth M.	do	25 00
		Hendel, R. W., Jr.	do	25 00
		Jerdan, A. L.	do	25 00
		Jewell, Minna E.	do	25 00
		Kindred, J. E.	do	25 00
		Meier, Alice	do	25 00
		Miller, Marie B.	do	25 00
		Myers, Odessa M.	do	25 00
		Okey, Ruth E.	do	25 00
		Owens, R. W.	do	25 00
		Palm, F. C.	do	25 00
		Pinckney, L. A.	do	25 00
		Richart, F. E.	do	25 00
		Ried, E. A.	do	25 00
		Russell, Robbins	do	25 00
		Swanson, F. C.	do	25 00
		TerKeurst, H. D.	do	25 00
		Turley, R. E.	do	25 00
		VanDoren, M. A.	do	25 00
		Watkins, Gordon	do	25 00
		White, Lelia O.	do	25 00
		Williams, Kathryn	do	25 00
		Winkelmann, H. A.	do	25 00
		Wiseman, Esther	do	25 00
		Young, Esther	do	25 00
		Tinsley, R. W.	do	25 00
		Brady, St. Elmo	do	35 00
		Burd, H. A.	do	40 00
		Clark, K. A.	do	35 00
		Clark, Helen	do	35 00
		Debel, N. H.	do	35 00
		Elliott, John A.	do	35 00
		Garman, Philip	do	35 00
		Hanson, F. B.	do	35 00
		Harder, O. E.	do	35 00
		Holley, C. E.	do	40 00
		Howard, J. W.	do	35 00
		Kernall, M. J.	do	35 00
		Lamb, B. F.	do	35 00
		Macfarlane, Wallace	do	40 00
		Mosher, Edna	do	45 00
		Pasmore, D. F.	do	35 00
		Rutledge, George	do	50 00
		Sabin, Ethel E.	do	30 00
		Scholl, Clarence	do	35 00
		Stevens, W. E.	do	35 00
		Streeter, F. B.	do	40 00
		Stunkard, H. W.	do	35 00
		Watson, Minnie E.	do	40 00
		Wells, M. M.	do	40 00
		Wright, Quincy	do	45 00
		Wyatt, F. A.	do	40 00
		Young, L. E.	do	50 00
		Stewart, C. L.	do	45 00
		Weiland, H. J.	do	45 00
		Kirshman, J. E.	do	40 00
		Bond, Ethel	do	83 33
		Curtis, Florence	do	133 33
		Reece, E. J.	do	133 33
		Simpson, Frances	do	166 66
		Schwartz, G. F.	do	183 33
		Smith, Constance Barlow	do	166 66
		Van den Berg, H. J.	do	180 00
		Nasmyth, H. D.	do	170 00

## OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
O 2617	1914 Oct. 15	Morphy, E. W.	Salary	\$170 00
Cld.		Townsend, L. L.	do.	120 00
		Kirkup, Florence	do.	100 00
		Treat, Edna L.	do.	100 00
		Simon, Anna	do.	100 00
		Erb, J. L.	do.	250 00
		Harding, A. A.	do.	180 00
		Bartow, Edward	do.	166 66
		Hanford, W. W.	do.	60 00
		Hinds, M. E.	do.	70 00
		Mohlman, F. W.	do.	70 00
		Tanner, F. W.	do.	70 00
		Langlier, W. F.	do.	125 00
		Day, W. B.	do.	208 33
		Snow, C. M.	do.	150 00
		Gathercoal, E. N.	do.	108 33
		Elcher, B. L.	do.	83 33
		Colson, H. D.	do.	83 33
		Fentus, Bernard	do.	16 66
		Lynn, E. V.	do.	150 00
O 2618	..do..	Pay roll.	October, 1914	\$4,374 06
		Eycleshymmer, A. C.	Salary	416 66
		Hiskey, George	do.	45 00
		Jones, T. S.	do.	83 33
		Moodie, R. L.	do.	125 00
		Small, J. C., (Student)	do.	50 00
		Welker, W. H.	do.	229 16
		Dreyer, G. P.	do.	333 33
		Boello, Louis	do.	80 00
		Smith, C. S.	do.	166 66
		Tracy, Grover	do.	83 33
		Krudwig, Edna	do.	40 00
		Bach, E. G.	do.	50 00
		Burmeister, W. H.	do.	166 66
		Broughton, T. H.	do.	150 00
		Curl, Howard	do.	50 00
		Davis, J. J.	do.	416 66
		Dreyer, G. P.	do.	41 66
		Falls, F. R.	do.	83 33
		Fantus, Bernard	do.	166 66
		Gardner, Stella	do.	83 33
		Gaffney, C. O.	do.	70 00
		Lincoln, Mary C.	do.	50 00
		Weedon, Amy G.	do.	60 00
		Moore, J. J.	do.	150 00
		Bake, L. E.	do.	66 66
		Bernard, F. S.	do.	25 00
		Cooledge, E. D.	do.	83 33
		Dittmar, G. W.	do.	83 33
		Gallie, D. M.	do.	83 33
		Kaplan, J. H.	do.	100 00
		McGuire, J. C.	do.	150 00
		Moorehead, F. B.	do.	83 33
		Moorehead, F. B.	do.	166 66
		Noyes, F. B.	do.	125 00
		Schultz, Louis	do.	33 33
		Starr, S. P.	do.	66 66
		Thomas, H. G.	do.	50 00
		Williams, I. W.	do.	66 66
O 2619	..do..	Pay roll.	October, 1914	50 00
		VonTessner, Otto	Salary	50 00
O 2620	..do..	Pay roll.	October, 1914	8,410 79
		Alexander, Lilla M.	Salary	65 00
		Alley, W. E.	do.	100 00
		Amos, Winifred	do.	75 00
		Atkinson, C. E.	do.	141 66
		Beyer, Melinda	do.	75 00
		Blackwell, Mary	do.	60 00
		Boice, L. A.	do.	125 00
		Bowen, Evalena	do.	65 00
		Broadhurst, Tabitha J.	do.	75 00
		Brown, Ina M.	do.	65 00
		Brownfield, Lelah H.	do.	50 00
		Bryan, Sarah E.	do.	75 00
		Buckler, Helen I.	do.	60 00
		Buckles, Mildred E.	do.	65 00
		Burt, Ruth	do.	50 00
		Cover, Hazel W.	do.	60 00

## OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
O 2620 Ctd.	1914 Oct. 15	Crawford, C. C. ....	Salary .....	\$ 65 00
		Cunningham, H. E. ....	do .....	166 66
		Custer, Emma L. ....	do .....	75 00
		Dalton, C. E. ....	do .....	50 00
		Davis, Vera M. ....	do .....	50 00
		Durfey, Franc A. ....	do .....	50 00
		Emigh, Edith .....	do .....	70 00
		Feldkamp, Amelia .....	do .....	50 00
		Fieg, Robert I. ....	do .....	50 00
		Flattery, Amanda H. ....	do .....	65 00
		Fraser, Viola C. ....	do .....	70 00
		Galpin, Stella .....	do .....	70 00
		Garwood, Frances .....	do .....	50 00
		Grabbe, Florence H. ....	do .....	65 00
		Glenn, Eleanor .....	do .....	50 00
		Goetz, Antoinette .....	do .....	70 00
		Goodspeed, W. S. ....	do .....	90 00
		Gordon, Marie A. ....	do .....	55 00
		Griffith, Mabel F. ....	do .....	70 00
		Halliday, Mabel .....	do .....	60 00
		Hamilton, Mrs. Alice V. ....	do .....	100 00
		Hawgood, Helen A. ....	do .....	70 00
		Hay, Nathaniel .....	do .....	166 66
		Hayes, James B. ....	do .....	95 00
		Hayes, Margaret L. ....	do .....	50 00
		Heater, Myrtle .....	do .....	60 00
		Houchens, Josie B. ....	do .....	83 33
		Hull, A. H. ....	do .....	65 00
		Humrichouse, Katie L. ....	do .....	50 00
		Johnson, Gertrude .....	do .....	60 00
		Kern, Floy .....	do .....	40 00
		Kirwin, Nora .....	do .....	55 00
		Knapp, Aurella .....	do .....	75 00
		Knorr, Lynn E. ....	do .....	150 00
		Lamb, Allie B. ....	do .....	55 00
		Lee, Albert R. ....	do .....	100 00
		Leitz, Louisa .....	do .....	40 00
		Love, Mary E. ....	do .....	65 00
		Luther, Cornelia M. ....	do .....	45 00
		McConn, C. M. ....	do .....	250 00
		McCurry, Agnes .....	do .....	83 33
		McIntire, W. A. ....	do .....	50 00
		Manspeaker, Lotta M. ....	do .....	83 33
		Meneley, Maude E. ....	do .....	60 00
		Merchant, Donna E. ....	do .....	50 00
		Mesheck, Rudolph .....	do .....	65 00
		Miles, Lois M. ....	do .....	70 00
		Millar, Mary .....	do .....	70 00
		Miller, C. F. ....	do .....	90 00
		Morey, Lloyd .....	do .....	125 00
		Morrow, J. A. ....	do .....	166 66
		Nagle, Sybil .....	do .....	50 00
		Nyberg, Florence A. ....	do .....	50 00
		Packard, Bessie .....	do .....	75 00
		Peel, Thomas .....	do .....	60 00
		Pergande, Robert .....	do .....	95 00
		Perry, Leonora .....	do .....	100 00
		Phelps, Vergil V. ....	do .....	166 66
		Post, Frederick .....	do .....	75 00
		Postlewaite, Harriet L. ....	do .....	55 00
		Powell, B. E. ....	do .....	191 66
		Putnam, Persis .....	do .....	75 00
		Rein, Lillian .....	do .....	50 00
		Renz, Myrtle .....	do .....	75 00
		Ressler, Milton .....	do .....	80 00
		Ricketts, Clara A. ....	do .....	65 00
		Riggs, Bess .....	do .....	35 00
		Robertson, Nellie .....	do .....	70 00
		Rogers, Della M. ....	do .....	40 00
		Ross, Anne .....	do .....	50 00
		Scanlan, Mary .....	do .....	60 00
		Sharp, Bertha L. ....	do .....	60 00
		Shaw, Hazel Y. ....	do .....	65 00
		Sheppard, Anna L. ....	do .....	100 00
		Sinnock, Julia .....	do .....	50 00
		Slater, Sarah M. ....	do .....	60 00
		Smith, Ira M. ....	do .....	125 00
		Smith, Mayme .....	do .....	65 00

## OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
O 2620 Cld.	1914 Oct. 15	Staples, O. E.	Salary	\$150 00
		States, Bertha	do	50 00
		Steitz, Alfred	do	85 00
		Stevens, Sabra	do	75 00
		Thompson, M. E.	do	90 00
		Tuttle, George P., Jr.	do	100 00
		Vaubel, Daniel	do	60 00
		Voight, Lida E.	do	100 00
		Wheeler, H. H.	do	70 00
		White, Loretta K.	do	46 67
		Winchester, B. L.	do	50 00
		Wyninger, H. T.	do	60 00
		Buchanan, Harold C.	do	70 00
		Ellis, E. R.	do	4 17
		Harper, Julia	do	65 00
		Lonius, J. O.	do	90 00
		Vanderbeek, H. J.	do	65 00
O 2621	do.	Pay roll	October, 1914	\$1,313 33
		Arnesen, Mabel	Salary	75 00
		Browne, W. H.	do	250 00
		Cole, H. W.	do	100 00
		Froberg, Eric	do	75 00
		Southwell, James	do	115 00
		Tomlinson, J. S.	do	125 00
		Heermann, Louise B.	do	60 00
		Watson, Ethel	do	50 00
		Allen, Josephine	do	55 00
		David, Eshoo	do	55 00
		Loomis, Metta H.	do	83 33
		Hwaseer, Anna J.	do	50 00
		David, Paul	do	60 00
		Gubbins, Maud	do	60 00
		Tomek, Gertrude	do	60 00
		Moorehead, Mary	do	40 00
O 2622	Oct. 17	S. O. Andros	Traveling expenses	14 40
O 2623	do.	International Magazine Co.	Magazines	7 00
O 2624	do.	Dr. R. W. Braithwaite	General supplies	19 80
O 2625	do.	B. E. Spalding	Laboratory supplies	3 45
O 2626	do.	L. C. Smith & Bros. Typewriter Co.	Rentals	75 00
O 2627	do.	F. M. Leslie Laboratory supplies	Laboratory supplies	43 95
O 2628	do.	Taylor Hardware Co.	do	64 50
O 2630	do.	E. H. Sargent & Co.	do	54 70
O 2631	do.	F. K. Robeson	do	1 73
O 2632	do.	Wm. W. Kessinger	Field work	84 91
O 2633	do.	Wm. Aten	do	13 02
O 2634	do.	Geo. W. Medley	do	43 35
O 2634	do.	Wm. Schlotzhauser	Farm buildings	22 00
O 2635	do.	Henry Pfau	General labor	25 40
O 2636	do.	Jacob Ten Boer	do	26 50
O 2637	do.	Alfred Bergren	do	5 80
O 2638	do.	Harrison Fahrnkopf	Traveling expenses	18 04
O 2639	do.	Chas. A. Campbell	do	78 66
O 2640	do.	J. Adams Puffer	Lectures	30 00
O 2641	do.	J. Kennedy Kincaid	Expert services	30 00
O 2642	do.	Prof. W. F. Handschin	Traveling expenses	9 84
O 2643	do.	Alberene Stone Co.	Machine and tools	29 40
O 2644	do.	Illinois Pharmaceutical Assn.	Advertising	20 00
O 2645	do.	A. S. Nelson & Sons	Food	2 40
O 2646	do.	Auto Supply Co.	General supplies	3 65
O 2647	do.	D. M. Crockett	do	5 75
O 2648	do.	National Engraving Co.	Publications	1 50
O 2649	do.	Way & Rankin	General supplies	1 75
O 2650	do.	Carmichael Gravel Co.	Laboratory supplies	17 32
O 2651	do.	Electric Storage Battery Co.	Laboratory apparatus	6 18
O 2652	do.	E. F. Petit	Photo	3 60
O 2653	do.	J. Spaulding & Sons Co.	General supplies	20 31
O 2654	do.	Asa L. Shipman's Sons	Supplies	8 00
O 2655	do.	The Stenotype Co.	do	3 57
O 2656	do.	Dodge Mfg. Co.	Laboratory supplies	5 34
O 2657	do.	Illinois Glass Co.	do	27 55
O 2658	do.	J. F. Higginson	do	1 75
O 2659	do.	Shavings & Sawdust Co.	Feed stuffs	95 00
O 2660	do.	Narragansett Machine Co.	Apparatus repairs	10 20
O 2661	do.	White Line Laundry	Laundry	35 45
O 2662	do.	Reliable Plumbing & Heating Co.	Laboratory supplies	1 47
O 2663	do.	Geo. R. Amsbary Co.	do	3 28
O 2664	do.	Geo. Murphys, Inc.	General supplies	2 33
O 2665	do.	Sweet Wallach & Co.	do	4 03

## OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
1914				
O 2666	Oct. 17	Burke & James, Inc.	General supplies	\$ 5 95
O 2667	do.	Ansco Co.	do.	1 73
O 2668	do.	The Lumiere Jougla Co.	do.	8 98
O 2669	do.	E. Bartholomeu	Library	12 15
O 2670	do.	W. Lewis & Co.	Laboratory supplies	29 25
O 2671	do.	Alexander Lumber Co.	Fencing	587 31
O 2672	do.	Jones & Laughlin Steel Co.	Freight	19 41
O 2673	do.	C. C. Logan	Traveling expenses	22 38
O 2674	do.	Ulric Johnson	Field work	56 06
O 2675	do.	H. J. Snider	Traveling expenses	20 54
O 2676	do.	J. E. Whitchurch	do.	60 41
O 2677	do.	H. C. Wheeler	do.	62 79
O 2678	do.	F. W. Wascher	do.	48 90
O 2679	do.	J. G. Mosler	do.	22 54
O 2680	do.	R. W. Dickenson	do.	52 99
O 2681	do.	S. V. Holt	do.	55 25
O 2682	do.	Harry C. Gilkerson	do.	14 78
O 2683	do.	E. E. Hoskins	do.	11 93
O 2684	do.	G. C. Willis	General supplies	9 78
O 2685	Oct. 19	F. W. Garrett	Traveling expenses	10 38
O 2686	do.	Wm. Webb	Field work	78 44
O 2687	do.	Interstate Commerce Bureau Co.	Library	20 00
O 2688	do.	International Magazine Co.	do.	58 76
O 2689	do.	Library of Congress	do.	85 00
O 2690	do.	R. E. Hieronymus	Traveling expenses	42 68
O 2691	do.	H. H. Stook	do.	45 19
O 2692	do.	B. S. Pickett	do.	18 26
O 2693	do.	Commercial Telephone & Telegraph Co.	Telephone and telegraph	4 80
O 2694	do.	Harvey A. Sellers	Supplies	9 31
O 2695	do.	The United States Electrical Tool Co.	General supplies	79
O 2696	do.	Crouse-Hinds Co.	do.	53 41
O 2697	do.	Medart Patent Pulley Co.	do.	3 60
O 2698	do.	Sarco Engineering Co.	do.	3 64
O 2699	do.	Western Kieley Steam Specialty Co.	do.	5 60
O 2700	do.	A. J. Gunderson	Traveling expenses	19 15
O 2701	do.	Fred J. Blackburn	do.	28 13
O 2702	do.	J. L. Edmonds	do.	16 02
O 2703	do.	Central Union Telephone Co.	Telephone exchange	168 00
O 2704	do.	Indianapolis Paint & Color Co.	General supplies	133 97
O 2705	do.	O. E. Staples, Bursar	Student labor	78 07
O 2706	do.	O. E. Staples, Bursar, Dr	General labor	660 65
O 2707	do.	O. E. Staples, Bursar, Dr	do.	587 65
O 2708	Oct. 20	O. E. Staples, Bursar	Student labor	153 37
O 2709	do.	Dr. R. W. Braithwaite	Sundries	23 60
O 2710	do.	P. S. Campbell	Printing	6 55
O 2711	do.	Reliable Plumbing & Heating Co.	Building repairs	9 62
O 2712	do.	Bausch & Lomb Optical Co.	Laboratory supplies	1,701 31
O 2713	do.	Flanigan-Pearson Co.	Publications	645 40
O 2714	do.	E. H. Sargent & Co.	Laboratory supplies	30 28
O 2715	do.	D. H. Lloyd	do.	6 81
O 2716	do.	John H. Doyle	do.	8 10
O 2717	do.	Alexander Lumber Co.	do.	22 85
O 2718	do.	J. W. Butler Paper Co.	Office supplies	31 70
O 2719	do.	Woldenberg & Schaar	Laboratory supplies	82 39
O 2720	do.	Twin City Electric Co.	do.	10 25
O 2721	do.	A. S. Nelson & Sons	do.	3 50
O 2722	do.	F. K. Robeson	do.	4 76
O 2723	do.	W. W. Wells & Co.	Building repairs	26 43
O 2724	do.	McCoy & Garton	Feed stuffs	403 97
O 2725	do.	Champaign Steam Laundry	Sundries	1 22
O 2726	do.	National Engraving Co.	Publications	29 35
O 2727	do.	F. M. Foltz	General supplies	21 20
O 2728	do.	Brownell Improvement Co.	do.	80 51
O 2729	do.	Geo. Strobe	Furniture and fixtures	16 50
O 2730	do.	McGraw-Hill Book Co., Inc.	Library	1 28
O 2731	do.	Mereck & Co.	Laboratory supplies	54 45
O 2732	do.	The Franklin Bookshop	General supplies	1 50
O 2733	do.	E. H. Sargent & Co.	Apparatus repairs	16 15
O 2734	do.	Hanovia Chemical & Mfg. Co.	Laboratory supplies	25 20
O 2735	do.	Linde Air Products Co.	do.	3 40
O 2736	do.	National Blank Book Co.	do.	36 34
O 2737	do.	Bradner Smith & Co.	Office supplies	10 29
O 2738	do.	C. A. Hughes	Traveling expenses	27 36
O 2739	do.	Standard Oil Co.	General supplies	3 35
O 2740	do.	Mr. J. J. Didcott	Traveling expenses	16 17
O 2741	do.	Mr. H. A. Hollister	do.	21 67
O 2742	do.	J. M. Thompson & Co.	Food	16 99
O 2743	do.	F. J. Burns & Co.	Laboratory supplies	10 30

## OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
1914				
O 2744	Oct. 20	Collins & Slimp	General supplies	\$ 4 75
O 2745	do.	Fuller & Fuller Co.	Laboratory supplies	8 71
O 2746	do.	G. Cramer Dry Plate Co.	Blue printing and photos	1 38
O 2747	do.	M. E. Robb	do.	1 00
O 2748	do.	The Soft Water Laundry Co.	Sundries	9 22
O 2749	do.	Frison Bros.	do.	8 00
O 2750	do.	The Elsner Grocery Co.	General supplies	7 91
O 2751	do.	Creamery Package Mfg. Co.	do.	4 95
O 2752	do.	W. J. Majors	Live stock	30 00
O 2753	do.	W. Lewis & Co.	Laboratory supplies	4 92
O 2754	do.	Twin City Creamery Co.	Food	6 82
O 2755	do.	John L. Sheldon	Laboratory supplies	3 50
O 2756	do.	E. W. Samson	General supplies	1 25
O 2757	do.	C. C. Short	Sundries	2 50
O 2758	do.	H. Swannell & Son	Laboratory supplies	4 50
O 2759	do.	F. M. Leslie	General supplies	5 50
O 2760	do.	Vaughan's Seed Store	do.	6 85
O 2761	do.	Freeman-Sweet Co.	Repairs	3 05
O 2762	do.	Emmet Kennedy	do.	25 00
O 2763	do.	E. H. Sargent & Co.	General supplies	3 50
O 2764	do.	H. F. Bremer	Repairs	126 05
O 2765	do.	A. C. McClurg & Co.	General supplies	2 25
O 2766	do.	Liquid Carbonic Co.	do.	1 50
O 2767	do.	Gardner Governor Co.	do.	1 71
O 2768	do.	J. C. Gabel & Co.	do.	60 00
O 2769	do.	Maas Bros.	do.	15 90
O 2770	do.	Pittsburgh Plate Glass Co.	Building repairs	10 95
O 2771	do.	V. Mueller & Co.	Apparatus repairs	119 30
O 2772	do.	Slater & Weber	Furniture and fixtures	25 60
O 2773	do.	Western Lumber Co.	Building repairs	30 26
O 2774	do.	Jacobs & Holmes	Printing	737 25
O 2775	do.	Reliable Plumbing & Heating Co.	General supplies	21 41
O 2776	do.	C. E. Durst	Traveling expenses	63 48
O 2777	do.	Wilson Brothers	Rentals	30 05
O 2778	do.	C. E. Durst	Traveling expenses	13 14
O 2779	do.	Mrs. L. V. Walcott	Lecture and recital	10 00
O 2780	do.	R. S. Hulce	Traveling expenses	18 56
O 2781	Oct. 21	Williams Bros.	General supplies	7 20
O 2782	do.	H. W. Johns-Manville Co.	do.	5 50
O 2783	do.	The Carson, Fayson Co.	do.	6 50
O 2784	do.	James B. Clow & Sons	do.	3 75
O 2785	do.	The Western Electric Co.	do.	23 86
O 2786	do.	The Frederick Post Co.	do.	1 31
O 2787	do.	A. C. McClurg & Co.	Office supplies	8 25
O 2788	do.	Geo. B. Carpenter & Co.	General supplies	21 25
O 2789	do.	Home Telephone Co.	Rentals	100 00
O 2790	do.	E. H. Swigert	Furniture and pianos	33 50
O 2791	do.	Morrisson, Plummer & Co.	Stores	7 40
O 2792	do.	Marshall Field & Co.	do.	40 20
O 2793	do.	Physicians' Supply & Drug Co.	do.	1 68
O 2794	do.	Arthur Ochs	do.	9 00
O 2795	do.	E. W. Sampson	General supplies	12 50
O 2796	do.	F. K. Robeson	do.	25 05
O 2797	do.	Oldham Bros.	do.	1 85
O 2798	do.	Swartz Electric Shop	do.	8 36
O 2799	do.	Chicago Towel Co.	Towels	7 67
O 2800	do.	C. L. Frame Dental Supply Co.	General supplies	4 88
O 2801	do.	Jacobs & Holmes	Printing	247 50
O 2802	do.	Geo. E. Brown & Co.	General supplies	24 00
O 2803	do.	Pittsburgh Plate Glass Co.	Building repairs	12 90
O 2804	do.	C. R. Killin	Supplies	3 15
O 2805	Oct. 22	Pay roll	October, 1914	216 66
		Simmonds, W. E.	Salary	\$ 50 00
		Shackles, A. O.	do.	166 66
O 2805	Oct. 23	H. A. Bishop	General supplies	59 60
O 2806	do.	Western Electric Co.	do.	215 13
O 2807	do.	Thomas A. Edison, Inc.	do.	52 80
O 2808	do.	Western Fuel Co.	Coal	21 75
O 2809	do.	Allen B. Wrisley & Co.	Stores	27 04
O 2810	do.	American Battery Co.	Apparatus repairs	17 50
O 2811	do.	Louis Dame	General supplies	5 25
O 2812	do.	International Forwarding Co.	Freight and express	28 89
O 2813	do.	A. C. McClurg & Co.	Office expense	1 68
O 2814	do.	Barron Bros. Coal Co.	Animal feed	8 83
O 2815	do.	Warner Machinery Co.	Office supplies	11 95
O 2816	do.	The Fair	General supplies	3 60
O 2817	do.	Ahrens & Schreiner	Stores	13 00
O 2818	do.	V. Mueller & Co.	Laboratory stores	282 30

## OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1914			
O 2819	Oct. 23	Maas Bros.	Building repairs, main.	\$ 40 24
O 2820	do.	Commonwealth Edison Co.	Light.	128 26
O 2821	do.	Geo. E. Amsbary Co.	Feed.	520 00
O 2822	do.	Swift & Co.	General supplies.	110 85
O 2823	do.	Crane Co.	do.	76 80
O 2824	do.	C. H. Besly & Co.	do.	7 02
O 2825	do.	University Press.	Printing.	4 00
O 2826	do.	Eugene Dietzgen Co.	General supplies.	5 83
O 2827	do.	P. S. Campbell.	Printing.	9 00
O 2828	do.	G. C. Willis.	Laboratory supplies.	10 95
O 2829	do.	John H. Doyle.	Laboratory apparatus.	18 50
O 2830	do.	S. E. Huff & Co.	General supplies.	18 50
O 2831	do.	Central Scientific Co.	Laboratory supplies.	121 94
O 2832	do.	The Burr Co.	Rentals.	22 45
O 2833	do.	F. M. Leslie.	do.	7 35
O 2834	do.	F. K. Robeson.	Laboratory supplies.	24 52
O 2835	do.	E. H. Sargent & Co.	do.	28 07
O 2836	do.	Taylor Hardware Co.	General supplies.	22 68
O 2837	do.	Twin City Roofing Co.	Laboratory apparatus.	12 75
O 2838	do.	Dr. R. W. Braithwaite.	General supplies.	13 50
O 2839	do.	Henry O. Shepard Co.	Supplies.	17 50
O 2840	do.	National Engraving Co.	Printing.	201 95
O 2841	do.	Elmer & Amend.	Laboratory supplies.	15 02
O 2842	do.	Leavitt Mfg. Co.	General supplies.	7 35
O 2843	do.	Commercial Telephone & Telegraph Co.	Telephone and telegraph.	6 15
O 2844	do.	A. W. Nolan.	Traveling expenses.	8 88
O 2845	do.	Leroy Iler.	General.	102 90
O 2846	do.	O. M. Allyn.	Gen. supplies, traveling expenses.	24 12
O 2847	do.	F. W. Wascher.	Traveling expenses.	40 36
O 2848	do.	S. V. Holt.	do.	41 37
O 2849	do.	R. W. Dickenson.	do.	37 76
O 2850	do.	O. S. Fisher.	do.	121 68
O 2851	do.	Harry C. Gilkerson.	do.	18 48
O 2852	do.	C. E. Burkhart.	General.	16 10
O 2853	do.	George W. Medley.	do.	33 57
O 2854	do.	Wm. Schlotzhauer.	do.	36 50
O 2855	do.	C. C. Logan.	Traveling expenses.	14 17
O 2856	do.	H. C. Wheeler.	do.	66 72
O 2857	do.	Frank Turner.	do.	8 40
O 2858	do.	Harrison Fahrnkopf.	do.	58 41
O 2859	do.	H. Mueller Mfg. Co.	General supplies.	20 67
O 2860	do.	The Western Electric Co.	do.	104 37
O 2861	do.	Automatic Electric Co.	do.	44 12
O 2862	do.	Illinois Engineering Co.	do.	28 07
O 2863	do.	Wells Bros Co.	do.	2 87
O 2864	do.	L. Wolf Mfg. Co.	do.	22 50
O 2865	do.	C. H. Hanson Co.	do.	2 53
O 2866	do.	Edward Smith & Co.	do.	26 07
O 2867	do.	Harry Herrick.	do.	1 10
O 2868	do.	National Lead Co.	do.	13 99
O 2869	do.	S. R. Wright.	do.	2 25
O 2870	do.	Puget Sound Marine Station.	Laboratory supplies.	3 00
O 2871	do.	Stone Bros.	General supplies.	17 41
O 2872	do.	E. R. Bowker Co.	Printing.	3 00
O 2873	do.	Chicago Medical Book Co.	Library.	18 90
O 2874	do.	The L. S. Starrett Co.	Laboratory supplies.	10 37
O 2875	do.	The New Departure Mfg. Co.	do.	16 80
O 2876	do.	L. E. Knott Apparatus Co.	Laboratory apparatus.	11 25
O 2877	do.	Cochrane-Biz Co.	Machine repairs.	11 70
O 2878	Oct. 24	Burns Metal Packing Co.	Laboratory supplies.	7 50
O 2879	do.	Standard Calorimeter Co.	do.	35 28
O 2880	do.	Twin City Printing Co.	Printing.	5 80
O 2881	do.	F. S. Wells.	Freight.	1 98
O 2882	do.	Urbana Courier Co.	Printing.	1 75
O 2883	do.	The Gym Store, Men's Gym.	Laboratory apparatus.	8 50
O 2884	do.	The Tablet & Ticket Co.	Supplies.	2 60
O 2885	do.	The Oliver Typewriter Co.	Office equipment.	8 85
O 2886	do.	Pennsylvania R. R. Co.	Laboratory apparatus.	26 68
O 2887	do.	The H. R. Hunting Co.	Museum specimens.	2 83
O 2888	do.	Sweet, Wallach & Co.	Laboratory supplies.	14 48
O 2889	do.	Southern Illinois Lumber Co.	General supplies.	2 40
O 2890	do.	Crerar, Adams & Co.	Laboratory supplies.	6 75
O 2891	do.	School Science & Mathematics.	Printing.	4 00
O 2892	do.	Metal Worker.	Laboratory supplies.	1 75
O 2893	do.	Thompson Teaming.	Sundries.	23 50
O 2894	do.	Enterprise Iron Works.	Contract.	34 42
O 2895	do.	J. Manz Engraving Co.	Publications.	5 05
O 2896	do.	A. L. Randall Co.	General supplies.	5 35

## OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
1914				
O 2897	Oct. 24	Standard Oil Co.	Laboratory supplies	\$ 49 41
O 2898	do.	American Ceramic Society	Printing	88 25
O 2899	do.	McKinley Publishing Co.	General supplies	1 38
O 2900	do.	Barnhart Bros.	do	5 50
O 2901	Oct. 26	William Bros.	do	2 00
O 2902	do.	The Frederick Post Co.	do	19 19
O 2903	do.	A. S. Nelson & Sons	Tomatoes	6 55
O 2904	do.	Cunningham Bros.	Plates	1 30
O 2905	do.	Hall Hardware Co.	General supplies	5 70
O 2906	do.	Sears, Roebuck & Co.	Camera	14 78
O 2907	do.	General Electric Co.	General supplies	2 43
O 2908	do.	Palmer Bros.	Laboratory apparatus	1 00
O 2909	do.	Bacon Brothers	do	30 00
O 2910	do.	The Geo. J. Roberts Co.	Packings	4 90
O 2911	do.	Kalamazoo Multicopy Co.	Refill multicopy	4 00
O 2912	do.	Edward Pennock	Laboratory apparatus	28 35
O 2913	do.	American Poland-China Record Assn.	Register certificate	1 00
O 2914	do.	Merrell-Soule Co.	Laboratory apparatus	2 60
O 2915	do.	Gould Storage Battery Co.	do	16 00
O 2916	do.	The University Press	Printing	21 75
O 2917	do.	Illinois Glass Co.	Laboratory apparatus	384 54
O 2918	do.	Norton Co.	do	1 19
O 2919	do.	Bausch & Lomb Optical Co.	Gram weights	72 00
O 2920	do.	Eimer & Amend	Laboratory supplies	1 51
O 2921	do.	A. S. Nelson & Sons	Eggs	1 20
O 2922	do.	Meyer Bros. Drug Co.	Laboratory supplies	10 20
O 2923	do.	Wm. Gaertner & Co.	Cement	1 68
O 2924	do.	Fuller & Fuller	Mercury	60 00
O 2925	do.	Hanovia Chemical & Mfg. Co.	Laboratory apparatus	6 79
O 2926	do.	Association of Collegiate Schools of Architecture.	Dues for A. C. S. A.	5 00
O 2927	do.	National Metal Molding Co.	General supplies	105 66
O 2928	do.	Medart Patent Pulley Co.	Wood shoes	5 70
O 2929	do.	Lockwood Mfg. Co.	Key blanks	1 61
O 2930	do.	Leavitt Mfg. Co.	General supplies	35 05
O 2931	do.	J. L. Fiddler Motor Co.	Supplies	16 70
O 2932	do.	Eisner Grocery Co.	Soap	20 00
O 2933	do.	Weil Bros.	Reduction plugs	1 37
O 2934	do.	John B. Bennett	General supplies	15 95
O 2935	do.	C. W. Davis	Cut stone	9 50
O 2936	do.	The Wels Mfg. Co.	General supplies	10 83
O 2937	do.	Mrs. Jennie C. Barlow	Lecture	30 00
O 2938	do.	Bess M. Rowe	do	20 00
O 2939	do.	W. J. Boehm	Gauges	25 00
O 2940	do.	The Linde Air Products Co.	Laboratory supplies	1 50
O 2941	do.	Commercial Acetylene Ry., Light & Signal Co.	Gas	3 38
O 2942	do.	The Engineering Magazine Co.	General supplies	3 00
O 2943	do.	Exide Battery Depots, Inc.	Hydrometer syringe	2 55
O 2944	do.	E. H. Sargent & Co.	Laboratory apparatus	633 25
O 2945	do.	J. W. Butler Paper Co.	Office supplies	62 30
O 2946	do.	General Chemical Co.	Laboratory supplies	73 62
O 2947	do.	Pay roll	October, 1914	200 00
		Jay, Edith	Salary	\$ 50 00
		Manley, Verna	do	50 00
		Scott, Bertha	do	50 00
		Walsh, Ethel M.	do	50 00
O 2948	do.	Pay roll	October, 1914	50 00
		Broday, Esther	Salary	50 00
O 2949	do.	Pay roll	October, 1914	3,597 00
		Askins, Levi R.	Salary	50 00
		Brentlinger, Emmett	do	50 00
		Brooks, D. T.	do	50 00
		Brown, Earl R.	do	45 00
		Brown, Walter E.	do	50 00
		Carr, Thos. D. T.	do	48 00
		Campbell, Chas. A.	do	65 00
		Chapman, Claude C.	do	100 00
		Conrad, Emma	do	35 00
		Craigmule, Jeannette	do	50 00
		Dille, Lavina F.	do	60 00
		Dillon, Jasper	do	55 00
		Dunlap, Burleigh H.	do	70 00
		Eaton, Ralph	do	48 00
		Egelston, Asa T.	do	40 00
		Engle, Lawrence	do	25 00



## OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
O 2949 Cld.	1914 Oct. 26	Flocken, John B. ....	Salary .....	\$ 60 00
		Gatewood, Jacob .....	do. ....	50 00
		Gardner, Kelsey B. ....	do. ....	65 00
		Gossett, J. O. ....	do. ....	60 00
		Gregory, Owen E. ....	do. ....	45 00
		Hamlin, Clyde .....	do. ....	55 00
		Hamlin, Hiram .....	do. ....	50 00
		Harding, Clayton F. ....	do. ....	100 00
		Harry, Wilson L. ....	do. ....	100 00
		Horn, Martha M. ....	do. ....	35 00
		Hunter, Lewis A. ....	do. ....	80 00
		Jones, Wm. C. ....	do. ....	75 00
		Jones, Sadie A. ....	do. ....	50 00
		Keller, Howard .....	do. ....	48 00
		Kramer, Jennie .....	do. ....	45 00
		Lewis, W. S. ....	do. ....	45 00
		Lowe, Lucy .....	do. ....	45 00
		Mapes, Morallo H. ....	do. ....	50 00
		Martin, W. T. ....	do. ....	45 00
		Marsh, W. T. ....	do. ....	50 00
		Miller, W. W. ....	do. ....	75 00
		Moore, H. E. ....	do. ....	50 00
		Muhleman, Elizabeth ..	do. ....	50 00
		Pollard, Charles .....	do. ....	50 00
		Rash, Edward S. ....	do. ....	55 00
		Redman, Louise E. ....	do. ....	60 00
		Reed, Alice E. ....	do. ....	60 00
		Ross, Roy M. ....	do. ....	80 00
		Sanders, Frank .....	do. ....	50 00
		Sharp, Ethel .....	do. ....	50 00
		Stoltzfus, Amos L. ....	do. ....	48 00
		Tornquist, Andrew .....	do. ....	75 00
		Utterback, Hugh .....	do. ....	45 00
		Utterback, L. ....	do. ....	50 00
		Whitmire, James S. ....	do. ....	60 00
		Williamson, Hiram .....	do. ....	50 00
		Zachmire, Claude E. ....	do. ....	50 00
		Becker, Johann .....	do. ....	50 00
		Blackwell, J. T. ....	do. ....	60 00
		David, Simon .....	do. ....	50 00
		Drennan, Peter .....	do. ....	80 00
		George, Elia .....	do. ....	50 00
		Karochun, William .....	do. ....	50 00
		Kastanos, John. ....	do. ....	50 00
		McDonald, Frank H. ....	do. ....	50 00
		Matthes, Herbert A. ....	do. ....	40 00
		Mullaney, Herbert .....	do. ....	40 00
		Rehfeldt, Hubert F. ....	do. ....	40 00
		Schultz, Harry .....	do. ....	35 00
		Solomon, Jacob .....	do. ....	50 00
O 2950	.. do. ...	Pay roll .....	October, 1914 .....	\$1,758 33
		Argo, Roy .....	Salary .....	55 00
		Barto, Mrs. D. O. ....	do. ....	20 00
		Burdick, I. F. ....	do. ....	85 00
		Chaplin, Ralph .....	do. ....	60 00
		Engle, W. J. ....	do. ....	75 00
		Hampton, W. J. ....	do. ....	75 00
		Hayward, Nellie .....	do. ....	50 00
		Hough, William .....	do. ....	83 33
		Jenkins, E. H. ....	do. ....	60 00
		Jensen, Geo. G. ....	do. ....	55 00
		Kelsey, J. R. ....	do. ....	57 50
		McQueen, Harry D. ....	do. ....	50 00
		Magnuson, A. O. ....	do. ....	80 00
		Meenach, Earl .....	do. ....	65 00
		Mink, George .....	do. ....	50 00
		Morgan, J. E. ....	do. ....	15 00
		Nesbitt, Lawrence F. ....	do. ....	55 00
		Palfrey, John R. ....	do. ....	75 00
		Patterson, Will. ....	do. ....	50 00
		Pine, Fred. ....	do. ....	80 00
		Pritchard, H. ....	do. ....	70 00
		Pritchard, R. ....	do. ....	65 00
		Rhoads, Hazel .....	do. ....	60 00
		Rose, M. D. ....	do. ....	52 50
		Smith, J. F. ....	do. ....	70 00
		Sprinkle, D. C. ....	do. ....	50 00
		Stoneburner, A. J. ....	do. ....	50 00

## OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
O 2950	1914 Oct. 26	Stivers, Moses	Salary	\$ 50 00
Cld.		Walters, Philip	do	75 00
O 2951	do.	Pay roll	October, 1914	\$ 75 00
		Latzer, Irma	Salary	35 00
O 2952	do.	Churton, Florence H.	do	40 00
		Pay roll	October, 1914	45 00
O 2953	do.	Wilson, Bernice	Salary	45 00
		Pay roll	October, 1914	602 50
		Torgenson, E. F.	Salary	70 00
		DeWerff, H. A.	do	70 00
		Baumgartner, A. C.	do	70 00
		Burton, S. C.	do	150 00
		Signor, Nelle	do	32 50
		Hogue, J. H.	do	120 00
		Baumgartner, Rachel A.	do	30 00
		Redwood, C. W.	do	60 00
O 2954	do.	C. G. Cox	Wages, September	59 00
O 2955	do.	C. L. Reisner	do	10 00
O 2956	do.	H. E. Codlin	do	28 00
O 2957	do.	Earl Garver	do	65 00
O 2958	do.	C. G. Cox	Wages, October	80 00
O 2959	do.	C. F. Goodman	do	80 00
O 2960	do.	C. C. Jensen	do	80 00
O 2961	do.	H. C. Lawson	do	80 00
O 2962	do.	C. B. Price	do	80 00
O 2963	do.	C. L. Reisner	do	80 00
O 2964	do.	R. H. Hadley	do	44 00
O 2965	do.	H. E. Codlin	do	34 00
O 2966	do.	E. K. Augustus	do	70 00
O 2967	do.	Fred J. Blackburn	do	50 00
O 2968	do.	C. A. Hughes	do	50 00
O 2969	do.	H. A. Cate	do	70 00
O 2970	do.	Robert W. Stark	do	100 00
O 2971	do.	H. E. Crouch	do	115 00
O 2972	do.	Georgia Becker	do	65 00
O 2973	do.	W. L. Bennett	do	75 00
O 2974	do.	J. C. Anderson	do	70 00
O 2975	Oct. 27	G. S. Beaumont	do	52 50
O 2976	do.	R. S. Dunham	do	50 00
O 2977	do.	F. C. Richey	do	50 00
O 2978	do.	Rigg, G. L.	do	47 50
O 2979	do.	R. R. Shiveley	do	50 00
O 2980	do.	Douglas Wright, Jr.	do	45 00
O 2981	do.	O. E. Staples, Bursar	Student labor	236 00
O 2982	do.	O. E. Staples, Bursar	General labor	868 97
O 2983	do.	Percival & Moorehead	General supplies	5 00
O 2984	do.	Central Electric Co.	Switches	30 94
O 2985	do.	William Bros.	Glass	24 00
O 2986	do.	Walker & Mulliken	Casters	1 00
O 2987	do.	Weston Electric Instrument Co.	Apparatus repairs	4 75
O 2988	do.	Elmer & Amend	Laboratory supplies	42 66
O 2989	do.	Fitted Steel Sash Co.	Iron bars	7 29
O 2990	do.	Colwell Lead Co.	Pipe plate	9 66
O 2991	do.	McKey & Poague	Rent	500 00
O 2992	do.	H. A. Hollister	Traveling expenses	20 80
O 2993	do.	Montgomery Ward & Co.	Erasers	19 00
O 2994	do.	French Battery & Carbon Co.	Batteries	20 58
O 2995	do.	Jno. B. Bennett	Sewer pipes	15 19
O 2996	do.	Gerts, Lumbard & Co.	Paint brushes	2 01
O 2997	do.	W. Lewis & Co.	Cloth	15 03
O 2998	do.	Southern Illinois Penitentiary	Brushes	60 54
O 2999	do.	Northwestern Compo-Board Co.	Compo-Board	35 00
O 3000	do.	T. W. Dieckmann	Traveling expenses	6 74
O 3001	do.	J. D. White	Envelopes stamped	100 00
O 3002	do.	William Hix	Teaming	19 08
O 3003	do.	E. H. Sargent & Co.	General supplies	115 89
O 3004	do.	Woldenberg & Schaar	Laboratory supplies	62 26
O 3005	do.	The Garlock Packing Co.	General supplies	3 00
O 3006	do.	Knowlton & Bennett	Alcohol	50 20
O 3007	do.	Illinois State Reformatory	Printing	1 74
O 3008	do.	Louis Melind Co.	Plain stamps	32 18
O 3009	do.	C. A. Klier	Furniture and fixtures	73 29
O 3010	do.	Wilhelm Miller	Traveling expenses	13 02
O 3011	do.	H. Mueller Mfg. Co.	Hose cocks	42 21
O 3012	do.	E. H. Sargent & Co.	Laboratory supplies	21 78
O 3013	do.	Charles H. Besly & Co.	General supplies	82 75
O 3014	do.	Alexander Lumber Co.	Lumber	71 87
O 3015	do.	Central Supply Co.	Nipples and iron	

## OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
1914				
O 3016	Oct. 27	Danville Tent & Awning Co.	Tent.	\$ 15 98
O 3017	do.	Fairbanks, Morse & Co.	Truck scales.	283 50
O 3018	do.	B. A. Strauch.	Blue printing.	37 15
O 3019	do.	W. F. Handschin.	Traveling expenses.	19 06
O 3020	do.	R. R. Root.	do.	10 74
O 3021	do.	A. J. Gunderson.	do.	5 54
O 3022	do.	W. A. Ruth.	do.	17 32
O 3023	do.	Herbert W. Mumford.	do.	29 58
O 3024	do.	R. W. Dickenson.	do.	47 00
O 3025	do.	S. V. Holt.	do.	111 55
O 3026	do.	Eugene Dietzgen Co.	Profile paper.	6 57
O 3027	do.	Eisner Grocery Co.	Food.	16 20
O 3028	do.	Work-Organizer Specialties Co.	Desk files.	2 00
O 3029	do.	Marshall Field & Co.	General supplies.	126 91
O 3030	do.	Harrington Mfg. Co.	do.	1 68
O 3031	do.	Jacob Reed's Sons.	Storm flags.	9 00
O 3032	do.	Lord & Burnham Co.	Glass.	7 75
O 3033	do.	Joseph Gillott & Sons.	General supplies.	10 55
O 3034	do.	J. J. Dicoct.	Traveling expenses.	18 99
O 3035	do.	Roger T. Welsh.	do.	22 87
O 3036	do.	F. A. Pearson.	do.	13 06
O 3037	do.	Chas. A. Campbell.	do.	63 66
O 3038	do.	The Plant World.	Laboratory supplies.	10 20
O 3039	do.	Spencer Lens Co.	10 pipettes.	1 08
O 3040	do.	Bausch & Lomb Optical Co.	Disc and slides.	19 76
O 3041	do.	Mrs. Elizabeth McNair.	Traveling expenses.	3 00
O 3042	do.	The Warren Brush Co.	Floor brushes.	37 04
O 3043	do.	The Whitaker Paper Co.	General supplies.	23 52
O 3044	do.	Chicago Belting Co.	Leather belting.	97 22
O 3045	do.	Henry Fuermann & Sons.	Photographs.	1 50
O 3046	do.	K. D. Horrall Hardware Co.	General supplies.	17 00
O 3047	do.	The Whitehead & Hoag Co.	do.	40 00
O 3048	do.	J. Horace McFarland Co.	Lantern slides.	6 00
O 3049	do.	Neostyle Co.	Stencil.	1 75
O 3050	Oct. 29	Peoples Gas Light & Coke Co.	Laboratory apparatus.	35 00
O 3051	do.	The Chester Transfer Co.	Express.	28 21
O 3052	do.	R. C. Wagner & Son.	Labor.	510 40
O 3053	do.	Federal Sign System Electric.	Lighting.	11 19
O 3054	do.	H. W. Johns-Manville Co.	Asb. boards.	5 25
O 3055	do.	National Lead Co.	Paint.	41 16
O 3056	do.	Schermerhorn Bros. Co.	Mops.	35 28
O 3057	do.	Twin City Roofing Co.	General supplies.	14 15
O 3058	do.	Woldenberg & Schaar.	Bottles and plate.	10 10
O 3059	do.	Perceival & Moorehead.	Mattresses.	18 00
O 3060	do.	The Society of American Bacteriologists.	Charts.	1 16
O 3061	do.	Champaign Creamery Co.	Milk.	9 38
O 3062	do.	Allaire, Woodward & Co.	Laboratory supplies.	102 60
O 3063	do.	A. G. Eldredge.	Traveling expenses.	13 00
O 3064	do.	J. M. Thompson & Co.	Food supplies.	16 02
O 3065	do.	Ater Bros.	Museum specimens.	12 00
O 3066	do.	Standard Cap & Seal Co.	Rentals.	4 50
O 3067	do.	Leavitt Mfg. Co.	Apparatus repairs.	4 77
O 3068	do.	Oldham Brothers.	Lanolin, 4 pounds.	6 00
O 3069	do.	H. Swannell & Son.	General supplies.	2 62
O 3070	do.	G. W. Sheldon & Co.	Freight.	2 45
O 3071	do.	Whitall Tatum Co.	Red seal corks.	1 13
O 3072	do.	Chas. C. Smith.	Office supplies.	1 00
O 3073	do.	Wm. Murray.	Corn.	1,050 00
O 3074	do.	F. J. Burns & Co.	Live frogs.	1 20
O 3075	do.	The Grosselli Chemical Co.	Laboratory supplies.	22 50
O 3076	do.	The Breeders Gazette.	do.	12 25
O 3077	do.	Eugenics Record Office.	Blue printing.	3 50
O 3078	do.	C. H. Dana.	Sundries.	4 00
O 3079	do.	The Arlington Chemical Co.	Laboratory supplies.	2 50
O 3080	do.	Jacob White.	Labor.	149 35
O 3081	do.	Eimer & Amend.	Laboratory apparatus.	27 64
O 3082	do.	Hebenbart Co.	Barrels.	6 50
O 3083	do.	C. C. Short.	Museum specimens.	1 00
O 3084	do.	International Harvester Co. of America.	Manure spreader.	65 00
O 3085	do.	Walker & Mulliken.	Shades.	7 25
O 3086	do.	Henry A. Drear, Inc.	General supplies.	13 00
O 3087	do.	Ruhm Phosphate Mining Co.	do.	5 93
O 3088	do.	The Weis Mfg. Co.	Filing case.	11 20
O 3089	do.	The Creamery Package Mfg. Co.	Laboratory supplies.	33 30
O 3090	do.	The American Guernsey Cattle Club.	Registering Guernsey heifers.	4 00
O 3091	do.	Chicago Mill & Lumber Co.	General.	8 78
O 3092	do.	R. W. Braithwaite.	Sundries.	13 00
O 3093	do.	A. S. Nelson & Sons.	Barrels.	1 00

## OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
1914				
O 3094	Oct. 29	Louis Ely.	Machine repairs.	\$ 2 25
O 3095	do.	F. K. Robeson.	General supplies.	37 70
O 3096	do.	Hall Hardware Co.	Galvanize wire.	4 15
O 3097	do.	Metzler & Schafer Co.	Laboratory supplies.	2 81
O 3098	do.	Taylor Hardware Co.	General supplies.	20 08
O 3099	do.	Twin City Ice & Cold Storage Co.	Ice.	35 00
O 3100	do.	John H. Doyle.	General supplies.	28 83
O 3101	do.	Bacon Brothers.	Paints.	8 92
O 3102	do.	D. H. Loyde.	Blue printing.	27 27
O 3103	do.	Illinois State Reformatory.	Printing.	41 05
O 3104	do.	Frison Brothers.	General supplies.	3 25
O 3105	do.	Planigan-Pearson Co.	Publications.	54 47
O 3106	do.	B. A. Strauch.	Blue printing.	1 35
O 3107	do.	B. F. Stevenson & Son.	General supplies.	3 05
O 3108	do.	J. H. Percival.	Straw.	167 95
O 3109	do.	Cunningham Bros.	General supplies.	8 30
O 3110	do.	S. E. Dillavou.	Machinery.	165 14
O 3111	do.	E. H. Sargent & Co.	Laboratory supplies.	71 09
O 3112	do.	Walker & Mulliken.	Shades.	4 46
O 3113	do.	C. A. Kiler.	do.	11 40
O 3114	do.	C. C. Logan.	Traveling expenses.	21 39
O 3115	do.	H. J. Snider.	do.	32 65
O 3116	do.	Harry C. Gilkerson.	do.	25 50
O 3117	do.	Chas. A. Campbell.	do.	30 08
O 3118	do.	F. W. Wascher.	do.	43 10
O 3119	Oct. 30	F. N. Evans.	do.	8 49
O 3120	do.	J. L. Edmunds.	do.	18 97
O 3121	do.	A. W. Jamison.	do.	6 84
O 3122	do.	Eastman Kodak Co.	Blue printing.	16 00
O 3123	do.	J. E. Fetherston.	Student assistant.	20 75
O 3124	do.	The Graham Mfg. Co.	General supplies.	7 82
O 3125	do.	W. W. Walls & Co.	Rent.	12 00
O 3126	do.	J. D. White.	Stamps.	321 00
O 3127	do.	The Hohmann & Aurer Mfg. Co.	Thermometer.	1 50
O 3128	do.	Frank Holton & Co.	General supplies.	25 50
O 3129	do.	Elmer & Amend.	Laboratory equipment.	30 96
O 3130	do.	Albert E. Wuesteman.	Wall clock.	4 50
O 3131	do.	Woldenberg & Schaar.	Laboratory apparatus.	185 90
O 3132	do.	Cambridge Botanical Supply Co.	Laboratory supplies.	39 40
O 3133	do.	Annette F. Braun.	do.	26 88
O 3134	do.	The Letter Shop.	Journals.	31 20
O 3135	do.	F. K. Robeson.	Soap and matches.	5 10
O 3136	do.	C. C. Willis.	Linen.	2 00
O 3137	do.	Bacon Brothers.	Glass.	17 95
O 3138	do.	American Hampshire Sheep Assn.	Register sheep.	6 50
O 3139	do.	W. L. Keller.	White oats.	414 56
O 3140	do.	W. C. McGuire.	4 barrows.	64 00
O 3141	do.	D. T. Dobbins.	Labor.	28 42
O 3142	do.	Robt. S. Blastock.	General supplies.	2 00
O 3143	do.	Bausch & Lomb Optical Co.	Caseln.	3 53
O 3144	do.	B. F. Stevenson & Son.	Fruit.	16 25
O 3145	do.	M. S. Etter.	Primrose.	2 00
O 3146	do.	Arthur T. Boddington.	Plants.	3 77
O 3147	do.	T. R. Jarmin.	Invoice refund.	17 50
O 3148	do.	U. S. Reduction Co.	Copper.	34 38
O 3149	do.	J. H. Williams & Co.	Paints.	1 37
O 3150	do.	B. E. Spaulding.	Soap.	1 50
O 3151	do.	Brown & Sharpe Mfg. Co.	Laboratory supplies.	19 71
O 3152	do.	True Form Fillet Co.	Fillet.	8 33
O 3153	do.	Standard Oil Co.	Barrel and faucet.	5 45
O 3154	do.	The Osterlein Machine Co.	Wheels.	11 80
O 3155	do.	Samuel Harris Co.	Drill rods.	2 13
O 3156	do.	Geo. E. Amsbury Co.	Canton flannel.	3 30
O 3157	do.	C. A. Kiler.	Supplies.	9 12
O 3158	do.	Kauffel & Esser Co.	Laboratory supplies.	4 50
O 3159	do.	E. W. Sampson.	Nets and harness hook.	7 25
O 3160	do.	Taylor Hardware Co.	Laboratory supplies.	69 85
O 3161	do.	E. H. Sargent & Co.	Supplies.	26 02
O 3162	do.	The Burr Co.	General supplies.	1 00
O 3163	do.	Western Lumber Co.	Lumber.	2 65
O 3164	do.	Illinois State Reformatory.	Office repairs.	20 40
O 3165	do.	American Electrical Supply Co.	Engineers supplies.	9 82
O 3166	do.	Corbin Cabinet Lock Co.	Padlocks.	151 20
O 3167	do.	Armour & Co.	General supplies.	4 50
O 3168	do.	Sprague Warner & Co.	Matches.	6 70
O 3169	do.	F. J. Burns & Co.	Live frogs.	7 20
O 3170	do.	Arthur Ochs.	Rabbits and cats.	11 00
O 3171	do.	American-German Boiler Compound Co.	Boiler compound.	20 48

## OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1914			
O 3172	Oct. 30	Machinists Supply Co.	Hammer,	\$ 1 01
O 3173	do.	Consumers Co.	Ice.	7 50
O 3174	do.	C. L. Frame Dental Supply Co.	General supplies.	6 38
O 3175	do.	Louis Dame.	Rubber boots.	4 00
O 3176	do.	J. M. Smith.	Repair tool.	1 50
O 3177	do.	A. H. Abbott & Co.	General supplies.	29 96
O 3178	do.	Chicago Watchman's Clock Works.	Clock dials.	1 55
O 3179	do.	Barron Bros. Coal Co.	Hay.	6 10
O 3180	do.	V. Mueller & Co.	Tube baskets.	49 98
O 3181	do.	Ahrens & Schreiner.	Potatoes and supplies.	2 80
O 3182	do.	Merek & Co.	Laboratory supplies.	327 49
O 3183	do.	Pittsburgh Plate Glass Co.	Glass.	21 50
O 3184	do.	Maas Bros.	General supplies.	32 96
O 3185	do.	The Peoples Gas Light & Coke Co.	Gas.	18 24
O 3186	do.	A. C. McClurg & Co.	Files and indexes.	55 58
O 3187	do.	Jacob White.	Labor and material.	10 50
O 3188	do.	W. F. Hardy.	Rye.	8 00
O 3189	do.	The Western Roofing & Supply Co.	Paving.	45 60
O 3190	do.	Walker & Mulliken.	Desk.	6 50
O 3191	do.	Green Engineering Co.	Tile.	53 61
O 3192	do.	Pay roll.	October, 1914.	206 66
O 3193	Oct. 31	C. R. Richards.	Traveling expenses.	12 74
O 3194	do.	Chr. Paschen Co.	Masonry work.	2,056 39
O 3195	do.	D. H. Lloyd.	Films.	22 50
O 3196	do.	Chester Horseshoeing Shop.	Shoeing.	2 00
O 3197	do.	A. N. Marquis & Co.	Journal.	5 00
O 3198	do.	A. C. McClurg & Co.	Book racks.	5 75
O 3199	do.	Gaylord Bros.	Binders.	4 35
O 3200	do.	Central Electric Co.	Fuses.	3 30
O 3201	do.	John Wiley & Sons, Inc.	Books.	3 00
O 3202	do.	Economic Geology Publishing Co.	do.	3 00
O 3203	do.	S. D. Faris.	Service.	1 50
O 3204	do.	The Billings-Chapin Co.	Paints.	11 60
O 3205	do.	The Tablet & Ticket Co.	Office supplies.	1 70
O 3206	do.	J. M. Hanson Bennett Magazine Agent.	Magazines.	13 20
O 3207	do.	University of Illinois Supply Store.	Incidentals.	10 41
O 3208	do.	Flanigan-Pearson Co.	Laboratory supplies.	86 00
O 3209	do.	Western Educational Advertising Agency	Advertising.	168 92
O 3210	do.	Davis & Kruger.	Repairs.	125 00
O 3211	do.	John Bohr.	General supplies.	10 00
O 3212	do.	V. H. Moon.	Salaries.	25 00
O 3213	do.	C. L. Frame Dental Supply Co.	General supplies.	7 00
O 3214	do.	The S. S. White Dental Mfg. Co.	Sector and bowl.	27 00
O 3215	do.	Consolidated Dental Mfg. Co.	Teeth.	356 25
O 3216	do.	Western Educational Advertising Agency	Advertising.	161 00
O 3217	do.	Liquid Carbonic Co.	General supplies.	3 00
O 3218	do.	H. W. Johns Manville Co.	Medical repairs.	25 00
O 3219	do.	Eberbach & Son Co.	Laboratory supplies.	54 50
O 3220	do.	Library Bureau.	Stationery.	2 00
O 3221	do.	Lehn & Pink.	General supplies.	4 05
O 3222	do.	Heath & Milligan Mfg. Co.	Building repairs.	3 10
O 3223	do.	H. W. Cole.	Key cutter.	10 00
O 3224	do.	Ella R. Michaels.	White gowns.	5 00
O 3225	do.	Maas Bros.	Building repairs.	19 86
O 3226	do.	Physicians' Supply & Drug Co.	General supplies.	17 48
O 3227	do.	Chicago Addressing Co.	Advertising.	18 49
O 3228	do.	V. H. Sargent & Co.	Laboratory supplies.	2 70
O 3229	do.	V. Mueller & Co.	Films.	157 18
O 3230	do.	Thos. J. Dee Co.	Supplies.	92 09
O 3231	do.	Marshall Field & Co.	General supplies.	14 90
O 3232	do.	Ernst Leitz.	Apparatus.	27 36
O 3233	do.	Lutie E. Stearns.	Lectures.	34 94
O 3234	do.	High School Life.	Advertising.	5 00
O 3235	do.	Chicago Medical Book Co.	Books.	16 43
O 3236	do.	Pittsburgh Electric Specialties Co.	Lamps.	17 10
O 3237	do.	B. G. Freyer.	Laboratory supplies.	40 50
O 3238	do.	Fuller & Fuller Co.	do.	1 80
O 3239	do.	Ernst M. E. Lamkey.	Wages.	100 00
O 3240	Nov. 3	Allen, O. W.	do.	21 20
O 3241	do.	Erdahl, A. C.	do.	19 60
O 3242	do.	Colbert, J. R.	do.	41 75
O 3243	do.	Castle, Russell.	do.	19 80
O 3244	do.	Bunting, L. D.	do.	10 60
O 3245	do.	Myers, Rachel.	do.	6 50
O 3246	do.	Geyer, Grace.	do.	11 00
O 3247	do.	Milliken, Edna.	do.	10 20
O 3248	do.	Hinshaw, Amy.	do.	11 40
O 3249	do.	Hohman, E. P.	do.	12 40

## OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
1914				
O 3250	Nov. 3	Thurston, Estelle L.	Wages	\$ 7 00
O 3251	do.	Fouik, C. C.	do.	38 25
O 3252	do.	Primm, J. K.	do.	29 81
O 3253	do.	Brooks, R. H.	do.	15 50
O 3254	do.	Berninger, Harriett.	do.	16 80
O 3255	do.	Fox, Ruth	do.	11 80
O 3256	do.	Houser, Irma	do.	10 80
O 3257	do.	Mills, B. O.	do.	10 00
O 3258	do.	Morrison, W. R.	do.	29 03
O 3259	do.	Rugg, E. U.	do.	33 25
O 3260	do.	Runyan, C. E.	do.	14 40
O 3261	do.	Teeters, Boyd	do.	10 40
O 3263	do.	Thurston, H. M.	do.	22 73
O 3263	do.	Burger, A. H.	do.	14 80
O 3264	do.	Raines, L. C.	do.	11 30
O 3265	do.	Greison, H. P.	do.	17 40
O 3266	do.	Rukin, Max	do.	19 20
O 3267	do.	Pung, S. O.	do.	4 70
O 3268	do.	Herbert, J. J.	do.	47 20
O 3269	do.	Adams, Olena	do.	3 60
O 3270	do.	Barkman, M. G.	do.	3 15
O 3271	do.	Colby, H. W.	do.	3 70
O 3272	do.	Fitch, H. J.	do.	3 80
O 3273	do.	Hummeland, R. W.	do.	3 10
O 3274	do.	Hunt, L. L.	do.	12 20
O 3275	do.	Klindworth, Mildred	do.	13 20
O 3276	do.	Krauss, H. F.	do.	3 90
O 3277	do.	Larson, J. C.	do.	2 10
O 3278	do.	Prutsman, H. C.	do.	2 10
O 3279	do.	Shriver, Helen E.	do.	13 20
O 3280	do.	Trautman, Louis.	do.	2 50
O 3281	do.	Wahlm, Vendia	do.	6 20
O 3282	do.	Allen, O. W.	do.	3 20
O 3283	do.	Craigmlie, Mary	do.	12 80
O 3284	do.	Paine, Olive	do.	21 70
O 3285	do.	Cummins, W. E.	do.	47 10
O 3286	do.	Billman, Elliot	do.	20 00
O 3287	do.	Hinshaw, J. H.	do.	19 60
O 3288	do.	Barton, A. C.	do.	19 20
O 3289	do.	Bagusin, A.	do.	40 00
O 3290	do.	Barkman, C. P.	do.	26 00
O 3291	do.	Brown, A. F.	do.	18 00
O 3292	do.	Gage, J. H.	do.	6 40
O 3293	do.	Hinshaw, Amy	do.	25 00
O 3294	do.	Klein, Gordon	do.	11 40
O 3295	do.	Lenz, A. H.	do.	6 50
O 3296	do.	Leonard, Gladys	do.	8 40
O 3297	do.	Larsen, John C.	do.	12 00
O 3298	do.	Romero, Newman	do.	18 40
O 3299	do.	Tillotson, Ella	do.	16 00
O 3300	do.	A. S. Root	Traveling expenses	45 34
O 3301	do.	J. J. Dicoct.	do.	16 81
O 3302	do.	Hollis & Duncan	Office supplies	6 79
O 3303	do.	Keuffel & Esser Co.	do.	10 00
O 3304	do.	Illinois State Reformatory	Letter heads	443 76
O 3305	do.	Earle R. Math	Traveling expenses	23 67
O 3306	do.	A. C. McClurg & Co.	Office supplies	12 34
O 3307	do.	J. W. Butler Paper Co.	Envelopes, stationery, etc.	118 34
O 3308	Nov. 4	L. H. Provine	Traveling expenses	8 59
O 3309	do.	Walworth Mfg. Co.	Valves	99 78
O 3310	do.	Rollins Steam Specialty & Valve Co.	Springs	2 94
O 3311	do.	Lockwood Mfg. Co.	Keys	1 15
O 3312	do.	Lusky White & Coolidge, Inc.	Casters	1 00
O 3313	do.	Jas. H. Rice Co.	General supplies	25 87
O 3314	do.	The L. S. Starrett Co.	Gross of saws	4 90
O 3315	do.	Hoosier Mfg. Co.	Soap, etc.	42 39
O 3316	do.	Vaghan's Seed Store	Nursery stock	60 45
O 3317	do.	Corbin Cabinet Lock Co.	Keys	15 15
O 3318	do.	Central Supply Co.	Electrical supplies	594 86
O 3319	do.	James B. Clow & Sons	General supplies	23 56
O 3320	do.	Crane Co.	Pipes	81 60
O 3321	do.	J. W. Butler Paper Co.	Office supplies	3 54
O 3322	do.	E. Dietzgen Co.	Thumb tacks	12 00
O 3323	do.	Remington Typewriter Co.	Carbon paper	7 00
O 3324	do.	Underwood Typewriter Co.	Stencil paper	12 00
O 3325	do.	Hektograph Mfg. & Duplicate Co.	Carbon paper	1 38
O 3326	do.	Sanford Mfg. Co.	Office supplies	81 81
O 3327	do.	John B. Bennett	Drayage	1 50

## OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1914			
O 3328	Nov. 4	The Flanigan & Biedenweg Co.	Glass.	\$ 3 19
O 3329	do.	W. T. Crandall.	Traveling expenses.	14 99
O 3330	do.	F. A. Pearson.	do.	14 08
O 3331	do.	Mamie Bunch.	do.	11 29
O 3332	do.	Mrs. Susan B. Walcott.	Address.	10 00
O 3333	do.	H. C. Wheeler.	Traveling expenses.	61 84
O 3334	do.	O. M. Allyn.	do.	27 52
O 3335	do.	A. J. Gunderson.	do.	26 50
O 3336	do.	W. S. Brock.	do.	7 79
O 3337	do.	The Adams Bagnall Electric Co.	Thermo globes.	6 72
O 3338	do.	University Press.	Programs.	2 25
O 3339	do.	F. M. Leslie.	Frames and mats.	40 20
O 3340	do.	National Carbon Co.	Carbon plates.	13 15
O 3341	do.	Hoffman & Kropff Chemical Co.	Benzol.	10 50
O 3342	do.	The Champaign Bottling Works.	Carbon dioxide.	6 00
O 3343	do.	Hanovia Chemical & Mfg. Co.	Apparatus repairs.	27 00
O 3344	do.	H. Swannell & Son.	Linseed oil.	1 65
O 3345	do.	J. T. Baker Chemical Co.	Bromine C. P.	25 40
O 3346	do.	D. G. Swannell.	Traveling expenses.	5 00
O 3347	do.	Western Biological Supply Co.	Starfish.	40 00
O 3348	do.	Woldenberg & Schaar.	Tube holders.	12 70
O 3349	do.	Leavitt Mfg. Co.	Leather belting.	26 86
O 3350	do.	Central Electric Co.	Dry batteries.	12 53
O 3351	do.	Stafford Engraving Co.	Blue printing.	2 18
O 3352	do.	The S. H. Brand Co.	Wood screws.	8 91
O 3353	do.	Wiley & Russell Mfg. Co.	General supplies.	4 68
O 3354	do.	Gardner Machine Co.	Discs.	11 46
O 3355	do.	Saunders & Franklin.	Services.	3 75
O 3356	do.	Standard Oil Co.	Engine oil.	38 84
O 3357	do.	Hektograph Mfg. & Duplicate Co.	Duplicators reflector.	7 50
O 3358	do.	A. B. Dick Co.	Repairs on rotary.	3 46
O 3359	do.	Universal Portland Cement Co.	Cement.	12 30
O 3360	do.	Amanda Glenn.	Services.	25 00
O 3361	do.	Pratt & Whitney Co.	Drills and taps.	1 83
O 3362	do.	Longmans Green & Co.	Books.	1 94
O 3363	do.	National Engraving Co.	Etchings.	3 05
O 3364	do.	University of Illinois Supply Store.	Office supplies.	2 66
O 3365	do.	Bell & Howell Co.	Lens for pictures.	12 00
O 3366	do.	Joseph Alexander.	Lighting.	25 30
O 3367	do.	Alumni Assn. of the University of Illinois	Advertising.	3 35
O 3368	do.	C. H. Danforth.	Tadpoles.	1 00
O 3369	do.	The Hawkes & Harris Music Co.	Books.	5 35
O 3370	do.	The Western Electric Co.	Electrical supplies.	104 37
O 3371	do.	Pearl Adams.	Bath tub.	15 00
O 3372	do.	W. F. Handschin.	Traveling expenses.	19 34
O 3373	do.	Geo. Murphy, Inc.	General supplies.	7 07
O 3374	do.	A. F. Gustafson.	Traveling expenses.	26 72
O 3375	do.	Chas. A. Strelinger Co.	General supplies.	11 13
O 3376	do.	Anso Co.	do.	10 41
O 3377	Nov. 5	Anson Northup.	Blue printing.	1 50
O 3378	do.	B. A. Strauch.	Pictures framed and supplies.	50 25
O 3379	do.	Machinists Supply Co.	Drill rods.	27 59
O 3380	do.	E. H. Sargent & Co.	Supplies.	88 09
O 3381	do.	Frederick B. Stevens.	Tools.	19 20
O 3382	do.	The Frederick Post Co.	General supplies.	20 61
O 3383	do.	Twin City Roofing Co.	Building material.	5 75
O 3384	do.	B. S. Pickett.	Traveling expenses.	47 57
O 3385	do.	W. A. Karr Lumber Co.	Lime.	5 60
O 3386	do.	C. G. Wimer.	Apple barrels.	111 00
O 3387	do.	C. F. Cadwell.	Cardboard pads.	3 50
O 3388	do.	Edward C. Schmidt.	Traveling expenses.	15 94
O 3389	do.	N. C. Ricker.	do.	7 74
O 3390	do.	The Creamery Package Mfg. Co.	Screw top jars.	9 45
O 3391	do.	G. E. Stechert & Co.	Books.	11 26
O 3392	do.	H. A. Ruehe.	Traveling expenses.	15 64
O 3393	do.	University of Illinois Supply Store.	General supplies.	1 71
O 3394	do.	J. S. Reinmund.	Food supplies.	17 25
O 3395	do.	Barnhart Bros.	General supplies.	11 80
O 3396	do.	Flanigan-Pearson Co.	Printing.	15 25
O 3397	do.	F. M. Leslie.	Poultry tonic.	1 00
O 3398	do.	Taylor Hardware Co.	General supplies.	3 00
O 3399	do.	D. H. Lloyd.	do.	16 73
O 3400	do.	Ralph Powers Brown.	Wages.	29 10
O 3401	do.	Ethel C. Kratz.	do.	25 00
O 3402	do.	A. P. Brown.	do.	15 00
O 3403	do.	Ed Lerch.	do.	34 00
O 3404	do.	R. E. Gray.	do.	14 62
O 3405	do.	B. I. Rutledge.	do.	10 00

## OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1914			
O 3406	Nov. 5	G. H. Lindsey	Wages	\$ 21 90
O 3407	do.	S. R. Farrah	do	15 20
O 3408	do.	J. N. Greene	do	5 20
O 3409	do.	C. G. Hadden	do	3 40
O 3410	do.	W. H. Kasten	do	2 60
O 3411	do.	R. E. McDowell	do	16 00
O 3412	do.	H. B. Rosenberg	do	3 80
O 3413	do.	Arthur Semple	do	1 57
O 3414	do.	S. C. Skemp	do	19 25
O 3415	do.	S. C. Skemp	do	9 00
O 3416	do.	H. I. Hannah	do	21 88
O 3417	do.	Arthur Semple	do	22 95
O 3418	do.	M. E. Slater	do	37 80
O 3419	do.	P. D. Jenks	do	27 13
O 3420	do.	H. A. Shonle	do	22 87
O 3421	do.	John Lamb, Jr.	do	3 50
O 3422	do.	T. H. Lloyd	do	1 80
O 3423	do.	C. H. Rehling	do	21 20
O 3424	do.	Arthur Semple	do	11 15
O 3425	do.	C. L. Trowbridge	do	6 45
O 3426	do.	H. F. Vaughn	do	2 40
O 3427	do.	F. W. Farley	do	16 55
O 3428	do.	W. R. Jones	do	32 15
O 3429	do.	W. C. Kolmer	do	4 70
O 3430	do.	Fred Leggett	do	2 40
O 3431	do.	Henry Miner	do	11 40
O 3432	do.	J. L. Munson	do	27 85
O 3433	do.	H. W. Hollard	do	15 40
O 3434	do.	E. C. Johnson	do	26 95
O 3435	do.	H. Jessen	do	34 63
O 3436	do.	C. Jessen	do	17 20
O 3437	do.	Edwin Romeiser	do	17 00
O 3438	do.	Floyd Carter	do	25 00
O 3439	do.	P. N. Davis	do	23 20
O 3440	do.	Harold H. Morris	do	15 20
O 3441	do.	G. F. Cadisch	do	12 75
O 3442	do.	C. E. Koch	do	12 00
O 3443	do.	H. A. Branan	do	16 50
O 3444	do.	F. W. Foster	do	11 50
O 3445	do.	G. L. Freund	do	15 50
O 3446	do.	W. H. Hallas	do	11 75
O 3447	do.	L. B. Maxwell	do	11 00
O 3448	do.	J. W. Shoemaker	do	13 75
O 3449	do.	R. S. Lundin	do	26 25
O 3450	do.	Erle Cavette	do	40 00
O 3451	do.	M. B. Harland	do	13 25
O 3452	do.	S. D. Harwood	do	27 75
O 3453	do.	O. E. Staples, Bursar	General labor	1,056 96
O 3454	do.	Pay roll	October, 1914	6,291 51
		Arrington, C. E.	Salary	\$ 65 10
		Atwell, W. M.	do	58 80
		Bailey, J. E.	do	60 27
		Barnes, V. E.	do	101 80
		Bevis, A.	do	148 50
		Boyer, George W.	do	78 12
		Brannagan, John	do	82 78
		Brown, Basil	do	60 84
		Brown, Harry	do	63 63
		Brumeley, Chas. A.	do	54 00
		Bullock, David M.	do	33 58
		Butler, T.	do	63 71
		Carson, Rolla S.	do	59 00
		Castle, Ora B.	do	50 00
		Ceduskey, John	do	81 84
		Cheever, John W.	do	52 60
		Collins, Albert L.	do	57 00
		Crawford, Roy W.	do	54 70
		Crathorne, F.	do	86 12
		Cunningham, F.	do	112 62
		Davis, Joseph	do	71 61
		English, Benjamin F.	do	63 48
		Fay, T. J.	do	96 10
		Fender, Fred	do	85 20
		Fender, Louis	do	67 10
		Fiscus, John C.	do	97 20
		Fiscus, J. J.	do	65 32
		Fogarty, F.	do	55 02
		Fogarty, W.	do	55 00



## OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
O 3454 Cld.	1914 Nov. 5	Fox, Guy.....	Salary.....	\$ 75 00
		Franklin, Thos. F.....	do.....	55 97
		Freeman, C. Y.....	do.....	63 21
		Graybeal, W. H.....	do.....	65 10
		Hamlin, Sell.....	do.....	54 00
		Hanson, S.....	do.....	71 50
		Hargan, E.....	do.....	71 44
		Heinz, Luke T.....	do.....	55 00
		Henderson, T. O.....	do.....	108 68
		Higgins, Harry.....	do.....	100 80
		Hill, Charles.....	do.....	99 63
		Hixon, W. G.....	do.....	54 20
		Hunt, Oscar L.....	do.....	40 60
		Hoover, Frederick F.....	do.....	63 36
		Hutton, Ross.....	do.....	66 93
		Irvine, F.....	do.....	75 62
		Irvine, James.....	do.....	56 49
		Johnson, Chas. C.....	do.....	65 10
		Jones, Mrs. Margaret.....	do.....	45 90
		Justus, E. W.....	do.....	108 00
		Langhoff, A.....	do.....	86 12
		Langhoff, F.....	do.....	66 01
		Lewis, E. C.....	do.....	71 82
		Litton, A. C.....	do.....	61 11
		Long, John F.....	do.....	60 58
		Long, Thos.....	do.....	85 59
		McAllister, A. J.....	do.....	73 44
		McClughen, Mrs. Frances E.....	do.....	45 90
		McCullough, James.....	do.....	68 86
		Mahorney, H. H.....	do.....	73 37
		Meenach, O. E.....	do.....	74 06
		Meneely, Dan.....	do.....	64 17
		Miller, C. M.....	do.....	59 43
		Mock, Forrest.....	do.....	50 00
		Morgan, Mrs. Rebecca.....	do.....	44 88
		Moran, A.....	do.....	71 50
		Moore, P. O.....	do.....	52 00
		Murphy, Ruthe.....	do.....	62 64
		Myers, Jesse.....	do.....	61 87
		Newton, J. R.....	do.....	53 04
		Perry, F. M.....	do.....	71 30
		Peterson, Nick.....	do.....	54 80
		Purkins, J. F.....	do.....	62 70
		Quinn, William.....	do.....	62 37
		Reed, Benjamin L.....	do.....	60 00
		Richards, E.....	do.....	104 16
		Ryan, Mary E.....	do.....	45 90
		Servis, A.....	do.....	71 07
		Smith, W. J.....	do.....	116 03
		Snyder, J.....	do.....	55 65
		Stateler, F.....	do.....	71 50
		Stearns, Lee H.....	do.....	65 0
		Swearingen, Daisy O.....	do.....	50 00
		Templin, William.....	do.....	85 12
		Thomson, Herman L.....	do.....	54 80
		Tillotson, I. F.....	do.....	68 85
		Toy, George.....	do.....	67 85
		Turner, George.....	do.....	67 62
		Walters, Prentice E.....	do.....	36 60
		Warmbler, A.....	do.....	79 50
		Warmby, E.....	do.....	71 53
		Wilde, William.....	do.....	96 10
O 3455	..do...	Pay roll.....	October, 1914.....	\$ 50 00
O 3456	..do...	Rock, Hazel L.....	Salary.....	50 00
		Pay roll.....	October, 1914.....	153 10
		Campbell, Maude.....	Salary.....	47 00
		Shriver, Alonzo L.....	do.....	56 10
O 3457	..do...	Luther, Ida.....	do.....	50 00
		Pay roll.....	October, 1914.....	5,487 06
		Ascherman, John.....	Salary.....	52 00
		Bradford, Albert.....	do.....	46 66
		Booker, A. J.....	do.....	93 20
		Bocher, M. C.....	do.....	72 00
		Brady, Terence M.....	do.....	68 78
		Brown, Andrew J.....	do.....	58 00
		Browning, J. E.....	do.....	62 00
		Cagann, Carl.....	do.....	59 07
		Casad, J. G.....	do.....	120 00

## OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
O 3457 Cld.	1914 Nov. 5	Cassidy, James T.	Salary	\$ 53 00
		Carothers, Cevilla	do.	54 00
		Clancy, Frank	do.	124 28
		Clark, Bert	do.	41 06
		Clark, J. C.	do.	50 60
		Clifford, Harry A.	do.	85 40
		Cooper, D. W.	do.	38 47
		Crackel, Ben	do.	58 40
		Craig, J. D.	do.	97 20
		Crump, Frank	do.	68 20
		Davis, C. M.	do.	80 15
		Doll, John B.	do.	93 60
		Dunseth, C. A.	do.	97 20
		Fechtruph, Herman	do.	74 40
		Felgner, M.	do.	57 20
		Feig, Arthur M.	do.	49 20
		Fox, Felix	do.	59 30
		Frazier, J. H.	do.	97 20
		Frazier, Mollie B.	do.	50 00
		Glaive, Albert	do.	97 20
		Glenn, V. S.	do.	54 60
		Gundloch, Chas.	do.	96 40
		Gustafson, C. L.	do.	130 00
		Harris, Edward E.	do.	51 75
		Jeffers, P. S.	do.	53 60
		Johns, E.	do.	56 80
		Johnson, A. L.	do.	58 20
		Johnson, Guy T.	do.	60 52
		Kenney, T. J.	do.	58 88
		Klem, J. A. J.	do.	71 61
		Livich, Payton L.	do.	92 34
		Long, R. Roy	do.	59 75
		Layfield, J. T.	do.	65 40
		McFadden, W. J.	do.	48 40
		McCown, Claude E.	do.	52 42
		Mathews, Thurman R.	do.	54 60
		May, Vernon	do.	95 60
		Mendenhall, Oscar L.	do.	48 60
		Miller, J. H.	do.	131 97
		Moody, D. T.	do.	59 40
		Nale, Emery E.	do.	37 35
		Neblock, Carl	do.	39 30
		Ollis, C. M.	do.	59 60
		Palfreyman, Richard A.	do.	53 00
		Patterson, Ora J.	do.	54 22
		Porter, S. A.	do.	97 20
		Presson, Edwin W.	do.	54 00
		Prevett, W. C.	do.	69 60
		Randolph, Smith	do.	68 40
		Rittenhouse, George	do.	50 73
		Robbins, Gilbert	do.	56 20
		Sandwell Martin	do.	97 20
		Shaw, S. A.	do.	82 80
		Shewalter, Homer W.	do.	48 20
		Smock, Lloyd H.	do.	32 20
		Sparks, Marion E.	do.	60 00
		Speedie, A. C.	do.	97 60
		Swearingen, Henry O.	do.	62 33
		Tatlock, Roy	do.	44 80
		Utterback, O. J.	do.	55 40
		Vandeventer, J. H.	do.	97 20
		Wagner, Agnes A.	do.	40 00
		Wascher, A. C.	do.	84 60
		Welch, Charles J.	do.	140 00
		Wells, T. E.	do.	58 80
		Winger, Walter	do.	52 80
		Wilson, Wesley	do.	97 60
		Wiltz, Frank A.	do.	85 00
		Withey, Louis E.	do.	55 12
		Wright, Amos	do.	97 20
O 3458	...do....	Pay roll	October, 1914	\$262 16
		Calfer, R. J.	Salary	39 60
		Dexter, R. H.	do.	80 75
		Klatt, W. M.	do.	33 41
O 3459	...do....	Ruby, H. E.	do.	37 57
		Stratton, Elmer	do.	70 83
		Pay roll	October, 1914	104 40
		Lyons, Thos. Marions	Salary	50 40
		Mattoon, Chas. E.	do.	54 00

## OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
O 3460	1914 Nov. 5	Pay roll.....	October, 1914.....	\$238 21
		Boswell, Andrew.....	Salary.....	\$25 82
		Boswell, James.....	do.....	32 70
		Rinesmith, John W.....	do.....	45 83
		Small, M. M.....	do.....	60 00
		Smalley, G. F.....	do.....	40 40
		Tackitt, Ora.....	do.....	18 46
		Trimble, W. W.....	do.....	15 00
O 3461	Nov. 6	Clyde C. Younglove.....	Wages.....	20 05
O 3462	do.	Simonich, J. L.....	do.....	6 20
O 3463	do.	Evans, D. G.....	do.....	17 00
O 3464	do.	Lansche, O. A.....	do.....	14 30
O 3465	do.	Richardson, H. R. R.....	do.....	34 25
O 3466	do.	Dumke, Mildred.....	do.....	43 20
O 3467	do.	Tilton, Leon D.....	do.....	7 50
O 3468	do.	Yockey, M. A.....	do.....	19 43
O 3469	do.	Ordoner, B. R.....	do.....	10 00
O 3470	do.	Procise, F. R.....	do.....	24 76
O 3471	do.	Davis, M. R.....	do.....	13 33
O 3472	do.	Hedrick, G. S.....	do.....	11 30
O 3473	do.	Murphy, E. F.....	do.....	2 70
O 3474	do.	Campbell, W. F.....	do.....	18 60
O 3475	do.	Curtis, Smith.....	do.....	2 00
O 3476	do.	Dale, Fred.....	do.....	11 00
O 3477	do.	Dale, Herman.....	do.....	16 10
O 3478	do.	Durst, J. E.....	do.....	8 50
O 3479	do.	Gill, Ivan C.....	do.....	2 40
O 3480	do.	Hedrick, Geo. S.....	do.....	14 10
O 3481	do.	Reese, Raymond.....	do.....	36 20
O 3482	do.	McGhee, O. M.....	do.....	35 00
O 3483	do.	Null, C. E.....	do.....	21 20
O 3484	do.	Hufford, C. T.....	do.....	20 00
O 3485	do.	Lyman, L. T.....	do.....	17 50
O 3486	do.	McCuen, G. W.....	do.....	15 00
O 3487	do.	Murphy, E. F.....	do.....	24 00
O 3488	do.	Tilton, Fred.....	do.....	1 40
O 3489	do.	Stock Yards Harness & Saddlery Co.....	Harness.....	248 92
O 3490	do.	George E. Amshary Co.....	Wheat bran.....	418 50
O 3491	do.	Albert E. Wuesteman.....	Clock.....	3 25
O 3492	do.	Farrar & Quinlan.....	Food supplies.....	72 83
O 3493	do.	Carnegie Institution of Washington.....	Books.....	5 00
O 3494	do.	Standard Soil Tester Co.....	Soil tester.....	7 75
O 3495	do.	E. W. Sampson.....	Shafts.....	9 10
O 3496	do.	T. M. Kehoe & Co.....	Hay.....	390 78
O 3497	do.	The Century Co.....	Supplies.....	4 20
O 3498	do.	A. E. C. Lathrop.....	White mice.....	6 25
O 3499	do.	Barbee Wire & Iron Works.....	Cages.....	12 50
O 3500	do.	C. S. Hill.....	Services.....	4 50
O 3501	do.	American Steel & Wire Co.....	Laboratory apparatus.....	169 07
O 3502	do.	E. W. Smalley.....	Seed corn.....	38 20
O 3503	do.	A. W. Hamberger.....	Services.....	2 50
O 3504	do.	American Spawn Co.....	Spawns.....	1 80
O 3505	do.	A. R. Mills.....	Repair work.....	15 00
O 3506	do.	Brownell Improvement Co.....	General supplies.....	92 71
O 3507	do.	International Press Clipping Bureau.....	Press clipping.....	5 00
O 3508	do.	J. F. Anderson.....	General supplies.....	3 92
O 3509	do.	J. M. Thorburn & Co.....	Flower seeds.....	3 51
O 3510	do.	Arthur Bryant & Son.....	Stock nursery.....	12 00
O 3511	do.	W. W. Yapp.....	Traveling expenses.....	9 00
O 3512	do.	Shenandoah Nurseries.....	Stock nursery.....	4 20
O 3513	do.	Albert Pick & Co.....	Laboratory supplies.....	2 52
O 3514	do.	Engene Dietzgen Co.....	Scales.....	1 55
O 3515	do.	McIntosh Stereopticon Co.....	General supplies.....	6 50
O 3516	do.	Orland I. Ellis.....	Traveling expenses.....	32 55
O 3517	do.	Natural Phosphate Co.....	Ground rock.....	180 22
O 3518	do.	John Lamb, Jr.....	Traveling expenses.....	7 00
O 3519	do.	E. B. Walton.....	Teaming.....	11 90
O 3520	do.	B. E. Powell.....	Traveling expenses.....	10 67
O 3521	do.	Olive Percival.....	Extension work.....	80 00
O 3522	do.	James Boswell.....	Traveling expenses.....	1 54
O 3523	do.	C. C. Logan.....	do.....	24 31
O 3524	do.	H. C. Wheeler.....	do.....	65 40
O 3525	do.	H. J. Snider.....	do.....	19 13
O 3526	do.	Harrison Fahrnkopf.....	do.....	31 18
O 3527	do.	Ralph Chapin.....	do.....	6 20
O 3528	do.	A. J. Gunderson.....	do.....	15 16
O 3529	do.	Royal A. Stipes.....	Sand.....	6 00
O 3530	do.	G. C. Willis.....	Laboratory supplies.....	11 10

## OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1914			
O 3531	Nov. 6	Bausch & Lomb Optical Co.	Leather caps.	\$ 2 77
O 3532	do.	The Holtzer Cabot Electric Co.	Motor repairs.	9 93
O 3533	do.	The Standard Calorimeter Co.	Hydrene.	7 88
O 3534	do.	Exide Battery Depots, Inc.	Bolt connectors.	11 75
O 3535	do.	Leavitt Mfg. Co.	Reducing gear.	6 00
O 3536	do.	The W. S. Tyler Co.	Sieves.	4 83
O 3537	do.	American Institute of Mining Engineers.	Pamphlets.	5 10
O 3538	do.	McGraw-Hill Book Co.	Books.	3 41
O 3539	do.	The Jaenecke Printing Ink Co.	Office supplies.	7 81
O 3540	do.	Gus Johnson.	Laboratory supplies.	1 75
O 3541	do.	P. P. Caproni & Bro., Inc.	Museum specimens.	37 35
O 3542	do.	C. H. Rice & Bro.	Laboratory supplies.	4 80
O 3543	do.	J. H. Finch.	Services.	60 00
O 3544	do.	Woldenberg & Schaar.	Clamps and holders.	29 67
O 3545	do.	Joseph H. Hill.	Services.	10 00
O 3546	do.	J. W. Wascher.	Traveling expenses.	45 80
O 3547	do.	A. M. & L. A. Terwilliger.	Hay knife.	1 00
O 3548	do.	Geo. Frerichs & Sons.	Live stock.	750 00
O 3549	do.	O. B. Brand.	Blue printing.	1 50
O 3550	do.	Daily Illini.	Subscription.	2 50
O 3551	do.	C. A. Kiler.	Frame.	2 50
O 3552	do.	O. E. Staples, Bursar.	Student labor.	352 81
O 3553	do.	B. E. Spalding.	General supplies.	3 50
O 3554	do.	Champaign Steam Laundry.	Laundry.	98 50
O 3555	do.	E. H. Sargent & Co.	Laboratory supplies.	104 04
O 3556	do.	Eimer & Amend.	do.	376 31
O 3557	do.	Taylor Hardware Co.	General supplies.	32 70
O 3558	do.	Metzler & Schafer Co.	Laboratory supplies.	5 55
O 3559	do.	Illinois State Reformatory.	Office supplies.	191 65
O 3560	do.	The Studebaker Corporation of America.	Farm machinery.	276 97
O 3561	do.	S. E. Dillavou.	Gates and drill.	17 40
O 3562	do.	F. K. Robeson.	General supplies.	50 24
O 3563	do.	John H. Doyle.	Laboratory supplies.	4 80
O 3564	do.	American Linseed Co.	Oil.	23 45
O 3565	do.	Central Electric Co.	Electrical supplies.	38 88
O 3566	do.	H. Mueller Mfg. Co.	Hose cocks.	17 33
O 3567	do.	Colwell Lead Co.	Ball cocks.	15 19
O 3568	do.	Indianapolis Paint & Color Co.	Paint.	13 80
O 3569	do.	Automatic Electric Co.	Saw shafts.	9 11
O 3570	do.	J. D. White.	Stamped envelope.	143 80
O 3571	do.	Henry A. Dreer, Inc.	Tubs.	14 75
O 3572	do.	S. E. Huff & Co.	General supplies.	5 10
O 3573	Nov. 7	Eimer & Amend.	Laboratory apparatus.	204 96
O 3574	do.	Stephen Rogers.	General labor.	170 99
O 3575	do.	Illinois State Reformatory.	Printing.	36 55
O 3576	do.	Western Electric Co.	Electrical supplies.	120 15
O 3577	do.	Twin City Roofing Co.	Iron and copper.	4 40
O 3578	do.	The Burr Co.	General supplies.	20 90
O 3579	do.	Daily Illini.	Subscription.	2 50
O 3580	do.	The Tablet & Ticket Co.	Office supplies.	2 81
O 3581	do.	B. E. Spalding.	Glue.	1 35
O 3582	do.	The Elliott Co.	Stencils.	13 88
O 3583	do.	R. S. Hulce.	Traveling expenses.	11 59
O 3584	do.	W. B. Nevens.	General supplies.	11 48
O 3585	do.	Armour & Co.	Sheep brains.	2 00
O 3586	do.	J. B. Marshall.	General labor.	96 20
O 3587	do.	Geo. W. Matheny.	do.	26 60
O 3588	do.	J. G. Mosier.	Traveling expenses.	11 05
O 3589	do.	Wm. Aten, Sr.	General labor.	6 25
O 3590	do.	Geo. W. Medley.	Field work.	34 80
O 3591	do.	Alf Dartt.	do.	43 93
O 3592	do.	Albert Tate.	do.	70 90
O 3593	do.	The Urbana Courier Co.	Press bulletins.	16 00
O 3594	do.	O. S. Fisher.	Traveling expenses.	127 08
O 3595	do.	R. R. Manley.	do.	3 98
O 3596	do.	C. L. Reisner.	do.	9 17
O 3597	do.	C. F. Goodman.	do.	19 98
O 3598	do.	H. E. Codlin.	do.	13 72
O 3599	do.	F. W. Garrett.	do.	84 96
O 3600	do.	Blanke Mfg. & Supply Co.	Water heater.	3 25
O 3601	do.	Twin City Creamery Co.	Food supplies.	4 50
O 3602	do.	E. A. Eichorst.	Machine repairs.	5 60
O 3603	do.	The Macson Campbell Co.	Machinery.	25 00
O 3604	do.	Twin City Printing Co.	Report cards.	11 75
O 3605	do.	Haussmann & Dunn Co.	Thermometers.	5 06
O 3606	do.	Cornell University.	General supplies.	15 00
O 3607	do.	Chicago Safe & Merchandise Co.	Rental.	15 00
O 3608	do.	De Laval Separator Co.	Machinery.	1 40

## OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS--Continued.

No.	Date.	To whom.	For what.	Amount.
	1914			
O 3609	Nov. 7	The J. B. Ford Co.	Cleanser, 8 barrels.	\$ 40 00
O 3610	do.	Chester Horseshoeing Shop.	Horse shoes.	7 00
O 3611	do.	Breitkopf & Hartel.	General supplies	21 08
O 3612	do.	L. R. Lang.	Traveling expenses.	10 79
O 3613	do.	N. W. Hepburn.	do.	16 14
O 3614	do.	I. F. Burdick.	do.	7 35
O 3615	do.	C. B. Price.	do.	11 40
O 3616	do.	E. W. Bailey.	do.	10 59
O 3617	do.	Adjutant General, U. S. A.	Heliograph equipment	110 00
O 3618	do.	W. J. Fraser.	Traveling expenses.	40 89
O 3619	do.	National Blank Book Co.	Office supplies	1 65
O 3620	do.	Remington Typewriter Co.	Carbon paper.	30 50
O 3621	do.	B. E. Spaulding.	Laboratory supplies.	3 45
O 3622	do.	Bausch & Lomb Optical Co.	do.	27 00
O 3623	do.	Twin City Ice & Cold Storage Co.	Ice.	25 00
O 3624	Nov. 9	B. A. Strauch.	Blue printing.	2 10
O 3625	do.	A. M. & L. A. Terwilliger.	General supplies	1 50
O 3626	do.	The Creamery Package Mfg. Co.	Machine repairs.	6 35
O 3627	do.	Metzler & Schafer Co.	Laboratory supplies.	234 27
O 3628	do.	Louis Melind Co.	Office supplies.	4 11
O 3629	do.	Elsner Grocery Co.	Food supplies.	70 50
O 3630	do.	D. H. Lloyd.	Supplies and blueprinting.	405 22
O 3631	do.	Winsor & Newton.	Charcoal.	7 51
O 3632	do.	E. E. Hoskins.	Traveling expenses.	75 26
O 3633	do.	W. B. Nevens.	do.	40 18
O 3634	do.	Tyler & Hippach.	Laboratory apparatus.	1 95
O 3635	do.	Charles H. Miller.	Laboratory supplies.	30 00
O 3636	do.	F. W. Devoe & C. T. Reynolds Co.	Linen paper.	5 40
O 3637	do.	Garden City Sand Co.	Sand.	6 00
O 3638	do.	Wm. Gaertner & Co.	Thermostat.	10 09
O 3639	do.	George W. C. Meyer.	Museum specimens.	13 00
O 3640	do.	T. H. Craig.	Clock.	4 75
O 3641	do.	McIntosh Stereopticon Co.	General supplies.	1 40
O 3642	do.	Twin City Creamery Co.	Cream test.	55 26
O 3643	do.	Eugene Dietzgen Co.	Supplies.	14 94
O 3644	do.	Tower Mfg. & Novelty Co.	Numbering machine.	7 57
O 3645	Nov. 10	Oldham Brothers.	Cotton seed oil.	1 25
O 3646	do.	Woldenberg & Schaar.	Bottles.	25 00
O 3647	do.	M. A. Donohue & Co.	Office supplies.	17 00
O 3648	do.	Chester Horseshoeing Shop.	Horseshoes.	20 00
O 3649	do.	Central Electric Co.	Electrical supplies.	3 80
O 3650	do.	W. Lewis & Co.	Dish pans.	6 08
O 3651	do.	Denver Fire Clay Co.	Motor.	3 45
O 3652	do.	Ottawa Silica Co.	Sand.	2 50
O 3653	do.	Standard Oil Co.	Engine oil.	11 39
O 3654	do.	Bausch & Lomb Optical Co.	General supplies.	336 01
O 3655	do.	Hess Warming & Ventilating Co.	Laboratory supplies.	25 20
O 3656	do.	Marshall Field & Co.	Towels.	25 50
O 3657	do.	John J. Didcott.	Traveling expenses.	19 11
O 3658	do.	H. A. Hollister.	do.	29 98
O 3659	do.	University Club of Urbana & Champaign.	do.	2 20
O 3660	do.	Champaign Steam Laundry.	Laundry.	28 45
O 3661	do.	G. R. Grubb & Co. Engravers.	Zinc etchings.	20 85
O 3662	do.	S. E. Huff & Co.	Lumber.	25 20
O 3663	do.	Illinois State Reformatory.	Printing.	55 75
O 3664	do.	E. H. Sargent & Co.	Tubes.	27 72
O 3665	do.	Taylor Hardware Co.	General supplies.	14 08
O 3666	do.	Ernst Leitz.	Dishes.	41 69
O 3667	do.	Jacob White.	General labor.	21 00
O 3668	do.	Illinois Engineering Co.	Valves.	15 93
O 3669	do.	Hartford Steam Boiler Inspection & Insurance Co.	Premium.	40 95
O 3670	do.	Blaisdell Paper Pencil Co.	Pencils.	7 90
O 3671	do.	J. W. Butler Paper Co.	Envelopes.	3 25
O 3672	do.	O. A. Keller.	Traveling expenses.	9 84
O 3673	do.	C. G. Cox.	do.	8 93
O 3674	do.	H. C. Larson.	do.	11 49
O 3675	do.	The Chester Transfer Co.	do.	2 00
O 3676	do.	Chas. H. Jones.	Field work.	85 00
O 3677	do.	A. L. Moats.	do.	54 16
O 3678	do.	Wm. Powell.	do.	51 64
O 3679	do.	F. D. Long.	do.	50 77
O 3680	do.	Frank Morgan.	do.	33 50
O 3681	do.	Alfred Bregren.	do.	31 00
O 3682	do.	A. S. Colby.	Traveling expenses.	11 79
O 3683	do.	Ralph Chaplin.	General supplies.	102 92
O 3684	do.	W. P. Miller.	Traveling expenses.	6 95
O 3685	do.	J. W. Dunlap.	Boiler changes.	142 75

## OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
<b>1914</b>				
O 3686	Nov. 10	W. F. Handschin	Traveling expenses	\$ 22 08
O 3687	do.	O. E. Staples, Bursar	General labor	893 06
O 3688	Nov. 11	Pay roll	October, 1914	314 30
		Boyer, W. H.	Salary	\$95 00
		Bernard, L. C.	do	75 60
		Leshner, F. M.	do	88 65
		Munson, Morris	do	55 05
O 3689	do.	O. E. Staples, Bursar	Student labor	323 63
O 3690	do.	Jno. B. Benentt	General supplies	31 66
O 3691	do.	L. G. Hubbard	Feed supplies	243 60
O 3692	do.	W. Lewis & Co.	Laboratory supplies	9 97
O 3693	do.	R. C. Wagner & Son	Hauling	12 00
O 3694	do.	Semet-Solvay Co.	Chloride	3 56
O 3695	do.	Warner Elevator Mfg. Co.	Supplies	6 65
O 3696	do.	Kilborn Photo Paper Co.	Blue printing	1 61
O 3697	do.	P. S. Campbell	Paper manila	4 75
O 3698	do.	The Plant World	Laboratory supplies	7 10
O 3699	do.	G. Gennert	Blue printing	1 60
O 3700	do.	Spencer Lens Co.	Knife	4 57
O 3701	do.	The Peters & Reed Pottery Co.	Flower pots	14 00
O 3702	do.	Standard School Supply Co.	Office supplies	9 53
O 3703	do.	University of Illinois Supply Store	Cards	9 60
O 3704	do.	Central Scientific Co.	Prisms	3 71
O 3705	do.	Geo. B. Carpenter & Co.	Cotton waste	18 08
O 3706	do.	Louis F. Nafis	Laboratory supplies	113 00
O 3707	do.	Dallenbach Bros.	Food supplies	101 51
O 3708	do.	Champaign Seed Co.	Sunflower seed	2 00
O 3709	do.	Hektograph Mfg. & Duplicator Co.	Duplicator refilled	7 50
O 3710	do.	The Tablet & Ticket Co.	Envelopes	2 24
O 3711	do.	Standard Typesetting Co.	Publications	156 63
O 3712	do.	J. C. Kirby	Repairs	18 12
O 3713	do.	General Chemical Co.	Laboratory supplies	3 35
O 3714	do.	G. A. Garrison	Teaming	202 50
O 3715	do.	Westinghouse Electric Co.	Meter repairs	6 30
O 3716	do.	O. E. Staples, Bursar	Student labor	437 11
O 3717	Nov. 12	Commercial Telephone & Telegraph Co.	Rent	2 00
O 3718	do.	The Burr Co.	General supplies	29 30
O 3719	do.	B. E. Spalding	do	20 76
O 3720	do.	Hunter Rourke & Co.	Lumber	7 25
O 3721	do.	Conner & Quayle	Machine repairs	1 00
O 3722	do.	White Line Steam Laundry	Laundry	25 51
O 3723	do.	Electric Coal Co.	Coal	2,005 76
O 3724	do.	S. C. Wilson & Co.	Feed stuff	41 48
O 3725	do.	Alex Harman & Son	Sundries	14 65
O 3726	do.	Henry F. Mitchell Co.	General supplies	2 50
O 3727	do.	Ward's Natural Science Establishment	Laboratory supplies	12 30
O 3728	do.	Cunningham Bros.	Turpentine	1 90
O 3729	do.	Chicago Medical Book Co.	Books	3 29
O 3730	do.	C. C. Ferguson	Shoeing team	6 00
O 3731	do.	E. W. Dickenson	Traveling expenses	60 41
O 3732	do.	F. W. Wascher	do	50 53
O 3733	do.	H. C. Gilkerson	do	61 04
O 3734	do.	The Kettle River Co.	Lumber	55 70
O 3735	do.	Green Engineering Co.	General supplies	263 84
O 3736	do.	Eggleston's Music House	Piano repairs	22 00
O 3737	do.	Leavitt Mfg. Co.	Iron work	29 00
O 3738	do.	A. C. Khotinsky	Cement	7 68
O 3739	do.	German Bronze Co.	Laboratory supplies	8 55
O 3740	do.	Spencer Lens Co.	Animal cages	12 15
O 3741	do.	H. J. Bool Co.	Table holders	4 32
O 3742	do.	The New York Times Index	Index, copy	2 06
O 3743	do.	Woldenberg & Schaar	Laboratory apparatus	141 77
O 3744	do.	J. G. Mosier	Traveling expenses	15 31
O 3745	do.	A. J. Glover	do	3 28
O 3746	do.	E. Garver	do	10 46
O 3747	do.	I. F. Burdick	do	14 79
O 3748	do.	S. V. Holt	do	141 24
O 3749	do.	H. A. deWerra	do	25 84
O 3750	do.	Chas. A. Campbell	do	35 14
O 3751	do.	E. E. Hoskins	do	37 10
O 3752	do.	J. E. Whitchurch	do	52 38
O 3753	do.	H. J. Snider	do	14 87
O 3754	do.	Harrison Fahrnkopf	do	22 87
O 3755	do.	James H. Rice Co.	Supplies	12 29
O 3756	do.	St. Louis Symphony Orchestra	Contract	1,000 00
O 3757	do.	Commercial Telephone & Telegraph Co.	Rent	6 70
O 3758	Nov. 13	Pay roll	November, 1914	4,645 72
		Eycleshymer, A. C.	Salary	\$416 66

## OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
<b>1914</b>				
O 3758	Nov. 13	Hiskey, George.....	Salary.....	\$ 45 00
Cld.		Jones, T. S.....	do.....	83 33
		Moodie, R. L.....	do.....	125 00
		Small, J. C.....	do.....	50 00
		Welker, W. H.....	do.....	229 16
		Dreyer, G. P.....	do.....	374 99
		Boelio, Louis.....	do.....	80 00
		Smith, C. S.....	do.....	166 66
		Tracy, Grover.....	do.....	83 33
		VonTessner, Otto.....	do.....	55 00
		Krudwig, Edna.....	do.....	40 00
		Bach, E. G.....	do.....	50 00
		Burmeister, W. H.....	do.....	166 66
		Boughton, T. H.....	do.....	150 00
		Curl, Howard.....	do.....	50 00
		Davis, D. J.....	do.....	416 66
		Falls, F. H.....	do.....	83 33
		Fantus, Bernard.....	do.....	166 66
		Gardner, Stella.....	do.....	83 33
		Gaffney, C. O.....	do.....	70 00
		Lincoln, Mary C.....	do.....	50 00
		Moore, J. J.....	do.....	150 00
		Weedon, Amy G.....	do.....	60 00
		Shackles, A. O.....	do.....	166 66
		Simonds, W. E.....	do.....	50 00
		Bake, L. E.....	do.....	66 66
		Bernard, F. S.....	do.....	25 00
		Coolidge, E. D.....	do.....	83 33
		Dittmar, G. W.....	do.....	83 33
		Galle, D. M.....	do.....	83 33
		Kaplan, J. H.....	do.....	100 00
		McGuire, J. C.....	do.....	150 00
		Moorehead, F. B.....	do.....	249 99
		Noyes, F. B.....	do.....	125 00
		Schultz, Louis.....	do.....	33 33
		Starr, S. P.....	do.....	66 66
		Thomas, N. G.....	do.....	50 00
O 3759	..do...	Williams, J. W.....	do.....	66 66
		Pay roll.....	November, 1914.....	\$88,291 67
		Filbey, E. J.....	Salary.....	183 33
		James, Edmund J.....	do.....	1,000 00
		Frazer, George E.....	do.....	333 33
		Fair, Sue M.....	do.....	80 00
		Warnock, A. R.....	do.....	150 00
		Clark, T. A.....	do.....	500 00
		Strong, Lillian.....	do.....	50 00
		Kyle, Martha J.....	do.....	166 66
		Hull, G. A.....	do.....	416 66
		Manley, E. J.....	do.....	100 00
		Jones, R. R.....	do.....	120 00
		Gill, Harry.....	do.....	220 00
		Fargo, R. N.....	do.....	166 66
		Moulton, Gertrude.....	do.....	133 33
		Brooks, Verna.....	do.....	100 00
		Osmond, Edith G.....	do.....	90 00
		Hughitt, Anna L.....	do.....	110 00
		Shoemaker, Dorothy Ruth.....	do.....	80 00
		Gaut, Rosa-Lee.....	do.....	50 00
		Jackson, Mabel.....	do.....	20 00
		Webster, F. D.....	do.....	48 00
		Hollister, H. A.....	do.....	270 83
		Didecot, J. J.....	do.....	133 33
		Eldredge, A. G.....	do.....	250 00
		Breeds, John.....	do.....	18 00
		Britton, F. E.....	do.....	40 00
		Christy, Glen.....	do.....	18 00
		Craig, Jennie A.....	do.....	80 00
		Drury, F. K. W.....	do.....	200 00
		Dunlap, Fannie.....	do.....	65 00
		Felsenthal, Emma.....	do.....	83 33
		Fontaine, E. O.....	do.....	36 00
		Gibson, Mabel.....	do.....	27 50
		Goulding, P. S.....	do.....	166 66
		Graves, C. E.....	do.....	100 00
		Hardman, Margaret.....	do.....	75 00
		Hubbard, Marie.....	do.....	27 50
		Hutchins, Margaret.....	do.....	83 33
		Janvrin, C. E.....	do.....	41 66

## OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
O 3759 Ctd.	1914 Nov. 13	Johnson, Alice.....	Salary.....	\$ 83 33
		Jutton, Emma.....	do.....	108 33
		Leatherman, Marian.....	do.....	75 00
		Patton, Adah.....	do.....	91 66
		Torrance, Mary C.....	do.....	75 00
		Troy, Mary Z.....	do.....	65 00
		Windsor, P. L.....	do.....	291 66
		Conat, Mabel.....	do.....	65 00
		England, Grace.....	do.....	65 00
		Erwin, Elizabeth.....	do.....	30 00
		Eppinger, J. G.....	do.....	36 00
		Williams, Margaret.....	do.....	48 00
		Baechtold, Elsie.....	do.....	48 00
		Wyeth, Ola M.....	do.....	80 00
		Price, M. A.....	do.....	70 00
		Wood, H. T.....	do.....	30 00
		Roberts, Nellie.....	do.....	32 50
		Hester, Elizabeth.....	do.....	60 00
		Signor, Nelle.....	do.....	32 50
		Davenport, Eugene.....	do.....	500 00
		Checkley, J. H.....	do.....	100 00
		Jamison, A. W.....	do.....	166 66
		Miller, W. P.....	do.....	50 00
		Nolan, A. W.....	do.....	200 00
		Rankin, F. H.....	do.....	291 66
		Allyn, Orr.....	do.....	100 00
		Aumer, J. P.....	do.....	150 00
		Bauer, F. C.....	do.....	150 00
		Binding, L. R.....	do.....	100 00
		Bunson, A. M.....	do.....	83 33
		Burlison, W. L.....	do.....	116 66
		Clevenger, C. B.....	do.....	83 33
		Dickenson, R. W.....	do.....	100 00
		Dickerson, I. W.....	do.....	150 00
		Eckblaw, K. J. T.....	do.....	150 00
		Elis, O. I.....	do.....	83 33
		Fahrnkopf, H. F. T.....	do.....	83 33
		Fisher, F. A.....	do.....	116 66
		Fisher, O. S.....	do.....	208 33
		Garrett, F. W.....	do.....	116 66
		Gentle, G. E.....	do.....	83 33
		Gernert, W. B.....	do.....	150 00
		Gilkerson, H. C.....	do.....	83 33
		Gustafson, A. F.....	do.....	175 00
		Holt, S. V.....	do.....	150 00
		Hoskins, E. E.....	do.....	150 00
		Lighty, W. R.....	do.....	116 66
		Logan, C. C.....	do.....	150 00
		Mosier, J. G.....	do.....	291 66
		Niederman, Gertrude.....	do.....	100 00
		Pettit, J. H.....	do.....	125 00
		Sachs, W. H.....	do.....	150 00
		Schoonover, W. R.....	do.....	83 33
		Smith, L. H.....	do.....	291 66
		Snider, H. J.....	do.....	83 33
		Stewart, H. W.....	do.....	150 00
		VanAlstine, E.....	do.....	175 00
		Walworth, E. H.....	do.....	83 33
		Wascher, F. M. W.....	do.....	116 66
		Wheeler, H. C.....	do.....	150 00
		Whiting, A. L.....	do.....	150 00
		Hopkins, C. G.....	do.....	416 66
		Reed, C. O.....	do.....	116 66
		Jahr, M. E.....	do.....	133 33
		Ebersol, E. T.....	do.....	50 00
		Newell, C. R.....	do.....	100 00
		Torgenson, E. F.....	do.....	70 00
		deWerra, H. A.....	do.....	70 00
		Barto, D. O.....	do.....	200 00
		Bull, Sleeter.....	do.....	150 00
		Carmichael, W. J.....	do.....	116 66
		Coffey, W. C.....	do.....	266 66
		Detleison, J. A.....	do.....	200 00
		Edmunds, J. L.....	do.....	208 33
		Grindley, H. S.....	do.....	291 66
		Joseph, W. E.....	do.....	150 00



## OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
O 3759 Ctd.	1914 Nov. 13	Mitchell, H. H.	Salary	\$141 66
		Mumford, H. W.	do	416 66
		Newlin, C. I.	do	108 33
		Handschin, W. F.	do	62 50
		Rusk, H. P.	do	208 33
		Smith, W. H.	do	141 66
		Yoke, J. J.	do	100 00
		Roberts, Elmer	do	100 00
		Whisenand, J. W.	do	41 66
		Harper, Claude	do	83 33
		Andrews, J. B.	do	100 00
		Keith, Mary H.	do	108 33
		Shiner, R. T.	do	70 00
		Baumgartner, H. C.	do	70 00
		Hepburn, N. W.	do	208 33
		Brand, R. E.	do	175 00
		Crandall, W. T.	do	150 00
		Fraser, W. J.	do	291 66
		Harding, H. A.	do	416 66
		Hulce, R. S.	do	133 33
		Keller, O. A.	do	100 00
		Parsons, Maud	do	125 00
		Seymour, Lurene	do	150 00
		Wheeler, Ruth	do	141 66
		Gray, Greta E.	do	108 33
		Fleming, Georgia	do	100 00
		Stevens, Grace	do	108 33
		Bunch, Mamie	do	166 66
		Williams, Anna W.	do	100 00
		Stanton, Margaret	do	116 66
		McIntosh, Donald	do	208 33
		Ash, Percy	do	208 33
		Clark, C. R.	do	166 66
		Provine, L. H.	do	291 66
		Ricker, N. C.	do	291 66
		Titecomb, W. C.	do	175 00
		Wells, N. A.	do	208 33
		Fanning, R. S.	do	120 00
		Foster, W. D.	do	140 00
		Jones, R. T.	do	160 00
		Corrubia, A. B. M.	do	160 00
		Wolfe, W. S.	do	110 00
		Fehrenkamp, Winifred	do	83 33
		Muehlman, Ralph	do	140 00
		Stanton, W. M.	do	120 00
		Kellogg, J. M.	do	150 00
		Burton, S. O.	do	150 00
		Baker, I. O.	do	333 33
		Bowling, B. L.	do	83 33
		Garver, N. B.	do	141 66
		McDaniel, A. B.	do	20 83
		Smith, J. E.	do	150 00
		Wiley, C. C.	do	141 66
		Wilson, W. M.	do	183 33
		Pickells, G. W.	do	150 00
		Raynor, W. H.	do	130 00
		Davis, R. E.	do	120 00
		Ellis, C. A.	do	264 20
		Biegler, P. S.	do	166 66
		Brooks, Morgan	do	250 00
		Fisk, I. W.	do	133 33
		James, L. V.	do	133 33
		Faine, E. B.	do	250 00
		Waldo, E. H.	do	166 66
		Knight, A. R.	do	150 00
		Davis, J. W.	do	140 00
		Moore, C. R.	do	150 00
		Miller, H. W.	do	183 33
		Porter, F. M.	do	125 00
		Steward, R. K.	do	141 66
		Rugg, H. O.	do	150 00
		Jordan, H. H.	do	140 00
		Crane, Rufus	do	100 00
		Husband, R. M.	do	30 00
		Atwell, C. A.	do	90 00
		Benedict, B. W.	do	291 66
		Dent, J. A.	do	150 00
		Frisk, J. A.	do	91 66

## OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
O 3759 Ctd.	1914 Nov. 13	Goodenough, G. A.....	Salary.....	\$291 66
		Harding, L. A.....	do.....	291 66
		Leutwiler, O. A.....	do.....	241 66
		Richards, C. R.....	do.....	479 16
		Willard, A. C.....	do.....	200 00
		Godeke, H. F.....	do.....	140 00
		Kennedy, R. E.....	do.....	150 00
		Waterfalls, H. W.....	do.....	140 00
		Torrance, F. C.....	do.....	120 00
		Rebman, P. J.....	do.....	90 00
		Gross, G. A.....	do.....	150 00
		Frank, Edwin.....	do.....	120 00
		Duncan, J. M.....	do.....	90 00
		Lanham, E. T.....	do.....	120 00
		McDowell, H. S.....	do.....	120 00
		Domonske, A. B.....	do.....	140 00
		Radebaugh, G. H.....	do.....	120 00
		Hogue, J. H.....	do.....	120 00
		Holbrook, E. A.....	do.....	208 33
		Stoek, H. H.....	do.....	416 66
		Callan, A. C.....	do.....	150 00
		Andros, S. O.....	do.....	175 00
		Enger, M. L.....	do.....	187 50
		Fleming, V. R.....	do.....	150 00
		Talbot, A. N.....	do.....	416 66
		Seeley, F. B.....	do.....	170 00
		Boomsliter, G. P.....	do.....	170 00
		Noerenberg, C. E.....	do.....	170 00
		Ensign, N. E.....	do.....	150 00
		Babbitt, H. E.....	do.....	150 00
		Gardner, Harry.....	do.....	150 00
		Vallance, Alexander.....	do.....	140 00
		Putnam, W. J.....	do.....	120 00
		Carman, A. P.....	do.....	416 66
		Knipp, C. T.....	do.....	233 33
		Kunz, Jacob.....	do.....	208 33
		Schulz, W. F.....	do.....	183 33
		Williams, E. H.....	do.....	141 66
		Watson, F. R.....	do.....	229 16
		Randolph, O. A.....	do.....	100 00
		Hyslop, W. H.....	do.....	95 00
		Warner, E. H.....	do.....	90 00
		Karrer, Sebastian.....	do.....	75 00
		Nathanson, J. B.....	do.....	75 00
		Hill, C. F.....	do.....	50 00
		Bayley, P. L.....	do.....	50 00
		Jones, L. T.....	do.....	115 00
		Buck, A. M.....	do.....	150 00
		Comstock, A. F.....	do.....	166 66
		Schmidt, E. C.....	do.....	333 33
		Snodgrass, J. M.....	do.....	183 33
		Dunn, H. H.....	do.....	116 66
		Keller, E. B.....	do.....	166 66
		Kratz, A. P.....	do.....	133 33
		McFarland, D. F.....	do.....	166 66
		Moore, H. F.....	do.....	250 00
		Slater, W. A.....	do.....	150 00
		Yensen, T. D.....	do.....	133 33
		Gonnerman, H. F.....	do.....	150 00
		Wilson, L. A.....	do.....	116 66
		Dieckman, T. W., (Student).....	do.....	60 00
		Belt, J. H.....	do.....	50 00
		Montgomery, Julian.....	do.....	50 00
		Pogue, R. B.....	do.....	50 00
		Gatward, W. A.....	do.....	50 00
		Lichty, L. C.....	do.....	50 00
		Lukens, W. P.....	do.....	50 00
		Young, E. G.....	do.....	50 00
		Laying, T. E.....	do.....	50 00
		Driffin, J. O.....	do.....	50 00
		Nebel, M. L.....	do.....	50 00
		Decker, E. H.....	do.....	291 66
		Green, Frederick.....	do.....	291 66
		Harker, O. A.....	do.....	416 66
		Hale, W. G.....	do.....	291 66
		Pomeroy, J. N.....	do.....	258 33
		Vernier, C. G.....	do.....	291 66
		Carpenter, C. E.....	do.....	208 33

## OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
O 3759 Ctd.	1914 Nov. 13	Babcock, K. C.	Salary	\$416 66
		Miller, Eva G.	do	66 66
		Lake, E. J.	do	187 50
		Wetmore, Mary M.	do	150 00
		Bradbury, C. E.	do	140 00
		Stebbins, Joel	do	291 66
		Samuel, A. I.	do	35 00
		Reed, F. W.	do	140 00
		Sperry, J. E.	do	150 00
		Burton, L. V.	do	120 00
		Winslow, J. C.	do	54 00
		Hottes, C. F.	do	250 00
		Stevens, F. L.	do	333 33
		Trelease, William	do	416 66
		Hague, Stella M.	do	100 00
		McDougall, W. B.	do	120 00
		Farr, Rosalie	do	80 00
		Quick, B. E.	do	60 00
		Kempton, F. E.	do	60 00
		Dalbey, Nora	do	60 00
		Waggoner, H. D.	do	60 00
		Pickler, W. E.	do	30 00
		Davis, R. L.	do	30 00
		Lamkey, E. M. R.	do	60 00
		Lantz, C. W.	do	60 00
		Hursh, R. K.	do	160 00
		Stull, R. T.	do	250 00
		Danielson, R. R.	do	75 00
		Radeliffe, B. S.	do	120 00
		Williams, A. E.	do	130 00
		Balke, C. W.	do	250 00
		Derick, C. G.	do	166 66
		Noyes, W. A.	do	416 66
		Farr, S. W.	do	333 33
		Smith, G. M.	do	166 66
		Washburn, E. W.	do	291 66
		Weber, H. C. P.	do	166 66
		Allen, R. W.	do	30 00
		Anders, Paul	do	130 00
		Ball, T. R.	do	60 00
		Beal, G. D.	do	125 00
		Bissell, D. W.	do	30 00
		Braley, S. A.	do	35 00
		Broderson, H. J.	do	130 00
		Burthart, C. W.	do	10 00
		Charlton, E. F.	do	50 00
		Chandler, E. M. A.	do	10 00
		Cann, Jessie	do	10 00
		Darrah, Juanita	do	120 00
		Davidson, C. N.	do	50 00
		Davissou, B. S.	do	30 00
		Dean, P. M.	do	60 00
		Eckstein, H. C.	do	30 00
		Engle, E. W.	do	10 00
		Ford, J. T.	do	60 00
		Gerry, H. L.	do	30 00
		Hakanson, A. F.	do	30 00
		Hatfield, W. D.	do	10 00
		Hecker, C. H.	do	10 00
		Hess, R. W.	do	120 00
		Heuse, E. O.	do	60 00
		Hjort, A. M.	do	120 00
		Honovski, R. B.	do	30 00
		Hopkins, B. S.	do	90 00
		Janson, J. M.	do	125 00
		Kamm, Oliver	do	10 00
		Karr, W. G.	do	60 00
		Kremers, H. C.	do	30 00
		Lee, H. R.	do	50 00
		Lucas, J. B.	do	30 00
		MacInnes, D. A.	do	30 00
		Manuel, W. A.	do	125 00
		Marquis, S. D.	do	50 00
		Olin, H. L.	do	35 00
		Read, J. W.	do	120 00
		Rees, E. A.	do	60 00
		Sears, G. W.	do	50 00
		Taylor, E. H.	do	120 00
			do	35 00

## OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
O 3759 Ctd.	1914 Nov. 13	Taylor, S. C.	Salary	\$ 60 00
		Thorp, Lambert	do	120 00
		Tippitt, R. W.	do	35 00
		Shepard, A. D.	do	30 00
		Skinner, G. S.	do	30 00
		Wildman, E. A.	do	60 00
		Wickers, E.	do	50 00
		Hull, S. M.	do	10 00
		Westhaefer, T. O.	do	30 00
		Valentine, H. B.	do	60 00
		MacArthur, C. G.	do	150 00
		Barbre, Clarence	do	30 00
		Footitt, Frank	do	10 00
		Vollweiler, E. H.	do	30 00
		Ruby, G. B.	do	10 00
		Gilmore, R. E.	do	50 00
		Brunskill, E. R.	do	10 00
		Barton, H. J.	do	291 66
		Canter, H. V.	do	208 33
		Moss, C. M.	do	250 00
		Oldfather, W. A.	do	250 00
		Pease, A. S.	do	250 00
		Bogart, E. L.	do	291 66
		Chase, W. A.	do	240 00
		Dewsnup, E. R.	do	250 00
		Litman, Simon	do	208 33
		Robinson, M. H.	do	125 00
		Weston, N. A.	do	250 00
		Hieronymus, R. E.	do	250 00
		Heilman, R. E.	do	216 66
		Thompson, J. G.	do	200 00
		Scoville, H. T.	do	200 00
		McJohnson, H.	do	180 00
		Peterson, E.	do	60 00
		Dressen, W. H.	do	60 00
		Knight, C. K.	do	50 00
		McKenna, E. L.	do	50 00
		Leslie, H. D.	do	30 00
		Thompson, C. M.	do	191 66
		Bagley, W. C.	do	416 66
		Coffman, L. D.	do	291 66
		Johnston, C. H.	do	291 66
		Miller, W. S.	do	150 00
		Whipple, G. M.	do	229 16
		Hanger, J. W.	do	50 00
		Cobb, Margaret	do	50 00
		Baldwin, E. C.	do	175 00
		Dodge, D. K.	do	270 83
		Fulton, Edward	do	175 00
		Jones, H. S. V.	do	183 33
		Paul, H. G.	do	208 33
		Scott, F. W.	do	200 00
		Sherman, S. P.	do	308 33
		Wernber, C. H.	do	166 66
		Zeitlin, Jacob	do	141 66
		Creek, H. L.	do	125 00
		Whicher, G. F.	do	120 00
		Alden, E. S.	do	120 00
		Whitford, R. C.	do	100 00
		Hillebrand, H. M.	do	130 00
		Harris, L. H.	do	120 00
		Tiefe, R. E.	do	120 00
		Jones, E. S.	do	120 00
		Curl, M. J.	do	140 00
		Stidson, R. O.	do	100 00
		Harbarger, Sada	do	100 00
		Stanley, T. B.	do	100 00
		Sarrett, L. R.	do	100 00
		Dixon, R. E.	do	110 00
		Beck, Clyde	do	50 00
		Loomis, R. S.	do	120 00
		Rinaker, Clarissa	do	120 00
		Boyer, C. V.	do	141 66
		Schoepperle, Gertrude	do	116 66
		Sutcliffe, E. G.	do	100 00
		Downs, C. S.	do	120 00
		Phelps, J. M.	do	100 00
		Kelso, Ruth	do	100 00

## OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
O 3759 Ctd.	1914 Nov. 13	Buchen, W. A.	Salary	\$150 00
		Folsom, J. W.	do	208 33
		Forbes, S. A.	do	83 33
		MacGillivray, A. D.	do	250 00
		Peterson, Alvah	do	60 00
		Glasgow, R. D.	do	130 00
		Bayley, W. S.	do	250 00
		Rolfe, C. W.	do	250 00
		Savage, T. E.	do	208 33
		DuBois, H. M.	do	50 00
		Read, M. K.	do	40 00
		Ross, C. S.	do	50 00
		Rich, J. L.	do	160 00
		Storrer, James	do	60 00
		Brooks, N. C.	do	208 33
		Flom, G. T.	do	233 33
		Goebel, Julius	do	312 50
		Lessing, O. E.	do	281 66
		Meyer, G. H.	do	229 16
		Poor, C. M.	do	150 00
		Williams, C. A.	do	150 00
		Koller, A. H.	do	140 00
		Barto, P. S.	do	120 00
		Zucker, A. E.	do	50 00
		Blaisdell, Daisy L.	do	100 00
		Green, Alexander	do	135 00
		Bloomfield, Leonard	do	166 66
		Spindler, G. W.	do	25 00
		Alvord, C. W.	do	145 83
		Greene, E. B.	do	416 66
		Larson, L. M.	do	250 00
		Lybyer, A. H.	do	233 33
		Robertson, W. S.	do	208 33
		Jones, F. V. B.	do	150 00
		Pease, T. C.	do	125 00
		Cole, A. C.	do	160 00
		Brush, Elizabeth	do	100 00
		Bishop, Mildred	do	40 00
		Miller, J. E.	do	60 00
		Borger, R. L.	do	125 00
		Crathorne, A. R.	do	166 66
		Emch, Arnold	do	187 50
		Lytile, E. B.	do	150 00
		Miller, G. A.	do	291 66
		Rietz, H. L.	do	158 33
		Shaw, J. B.	do	229 16
		Sisam, C. H.	do	183 33
		Townsend, E. J.	do	333 33
		Wahlin, G. E.	do	116 66
		Kempner, A. J.	do	150 00
		Denton, W. W.	do	140 00
		Chittenden, E. W.	do	140 00
		Burns, Josephine	do	100 00
		Zeis, H. C.	do	60 00
		Wilson, W. H.	do	60 00
		Hebbert, C. M.	do	60 00
		Smith, G. W.	do	60 00
		Marshall, R. H.	do	60 00
		Grimes, N. C.	do	120 00
		Burge, W. E.	do	191 66
		Beard, J. H.	do	140 00
		Neill, Alma J.	do	60 00
		Bode, B. H.	do	291 66
		Daniels, A. H.	do	333 33
		Shepherd, Queen L.	do	120 00
		Hessler, Carl	do	100 00
		Dodd, W. F.	do	250 00
		Garnier, J. W.	do	333 33
		Mathews, J. M.	do	150 00
		Story, R. M.	do	180 00
		Hanford, A. C.	do	50 00
		Bentley, Madison	do	270 83
		DeCamp, J. E.	do	70 00
		Rogers, Sophie	do	30 00
		Reed, H. B.	do	140 00
		Ruckmich, C. A.	do	150 00
		Carnahan, D. H.	do	225 00
		Fitz-Gerald, J. D., II	do	225 00

## OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
O 3759 Ctd.	1914 Nov. 13	Oliver, T. E. ....	Salary .....	\$250 00
		Seymour, A. R. ....	do .....	191 66
		Carry, C. S. ....	do .....	110 00
		Epples, Joseph .....	do .....	100 00
		Wesenberg, T. G. ....	do .....	100 00
		Kessler, James .....	do .....	90 00
		Allen, Louis .....	do .....	90 00
		Moore, O. H. ....	do .....	160 00
		Blondhelm, D. S. ....	do .....	166 66
		Soto, Rafael .....	do .....	100 00
		Hayes, E. C. ....	do .....	275 00
		Hibbs, H. H. ....	do .....	120 00
		Kingsley, J. S. ....	do .....	291 66
		Smith, Frank .....	do .....	250 00
		Ward, H. B. ....	do .....	416 66
		Zeleny, Charles .....	do .....	250 00
		Shelford, V. E. ....	do .....	166 66
		VanCleave, H. J. ....	do .....	130 00
		May, H. G. ....	do .....	60 00
		Green, Bessie .....	do .....	60 00
		Linkins, R. H. ....	do .....	60 00
		Heimbürger, H. V. ....	do .....	60 00
		Chenoweth, H. E. ....	do .....	40 00
		Merrill, Harriet B. ....	do .....	40 00
		Conel, Jesse L. ....	do .....	30 00
		Magath, T. B. ....	do .....	30 00
		Higgins, G. M. ....	do .....	30 00
		Metcalfe, H. E. ....	do .....	30 00
		Redwood, C. W. ....	do .....	120 00
		Baumgartner, Rachel A. ....	do .....	30 00
		Kinley, David .....	do .....	583 33
		Russell, F. A. ....	do .....	50 00
		Scheffel, Yetta .....	do .....	50 00
		Kile, Jessie .....	do .....	45 00
		Hefto, J. A. ....	do .....	45 00
		Albrecht, W. A. ....	do .....	25 00
		Babbitt, Albert .....	do .....	25 00
		Bacon, Gertrude A. ....	do .....	25 00
		Barber, Julia .....	do .....	25 00
		Beck, Mary L. ....	do .....	25 00
		Colvin, Esther M. ....	do .....	25 00
		Cooke, D. G. ....	do .....	25 00
		Crooker, S. J. ....	do .....	25 00
		Cutler, Floy F. ....	do .....	25 00
		Dunham, W. A. ....	do .....	25 00
		Elliott, Erma L. ....	do .....	25 00
		Farver, E. C. ....	do .....	25 00
		Fazel, C. S. ....	do .....	25 00
		Fisher, Fay L. ....	do .....	25 00
		Griffin, Clare E. ....	do .....	25 00
		Hartmon, C. C. ....	do .....	25 00
		Hefferman, Ruth M. ....	do .....	25 00
		Hendel, R. W., Jr. ....	do .....	25 00
		Jerdan, A. L. ....	do .....	25 00
		Jewell, Minna E. ....	do .....	25 00
		Kindred, J. E. ....	do .....	25 00
		Meir, Alice .....	do .....	25 00
		Miller, Marie B. ....	do .....	25 00
		Myers, Odessa M. ....	do .....	25 00
		Okey, Ruth E. ....	do .....	25 00
		Owens, R. W. ....	do .....	25 00
		Palm, F. C. ....	do .....	25 00
		Pickney, L. A. ....	do .....	25 00
		Richart, F. E. ....	do .....	25 00
		Ried, E. A. ....	do .....	25 00
		Russell, Robbins .....	do .....	25 00
		Swanson, F. C. ....	do .....	25 00
		TerKeurst, H. D. ....	do .....	25 00
		Turley, R. E. ....	do .....	25 00
		VanDoren, M. A. ....	do .....	25 00
		Watkins, Gordon .....	do .....	25 00
		White, Lella O. ....	do .....	25 00
		Williams, Kathryn .....	do .....	25 00
		Winkelmann, H. A. ....	do .....	25 00
		Wiseman, Esther .....	do .....	25 00
		Young, Esther .....	do .....	25 00
		Tinsley, R. W. ....	do .....	25 00
		Brady, St. Elmo .....	do .....	35 00

## OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
O 3759 Cld.	1914 Nov. 13	Burd, H. A. ....	Salary .....	\$ 40 00
		Clark, K. A. ....	do. ....	35 00
		Clark, Helen. ....	do. ....	35 00
		Debel, N. H. ....	do. ....	35 00
		Elliott, John A. ....	do. ....	35 00
		Garman, Philip. ....	do. ....	35 00
		Hanson, F. B. ....	do. ....	35 00
		Harder, O. E. ....	do. ....	35 00
		Hollay, C. E. ....	do. ....	40 00
		Howard, J. W. ....	do. ....	35 00
		Kernall, M. J. ....	do. ....	35 00
		Lamb, B. F. ....	do. ....	35 00
		Macfarlane, Wallace. ....	do. ....	40 00
		Mosher, Edna. ....	do. ....	45 00
		Pasmore, D. F. ....	do. ....	35 00
		Rutledge, George. ....	do. ....	50 00
		Sabin, Ethel E. ....	do. ....	35 00
		Scholl, Clarence. ....	do. ....	35 00
		Stevens, W. E. ....	do. ....	35 00
		Streeter, F. B. ....	do. ....	40 00
		Stunkard, H. W. ....	do. ....	35 00
		Watson, Minnie E. ....	do. ....	40 00
		Wells, M. M. ....	do. ....	40 00
		Wright, Quincy. ....	do. ....	45 00
		Wyatt P. A. ....	do. ....	40 00
		Young, L. E. ....	do. ....	50 00
		Steward, C. L. ....	do. ....	45 00
		Weiland, H. J. ....	do. ....	50 00
		Kirshman, J. E. ....	do. ....	40 00
		Bond, Ethel. ....	do. ....	83 33
		Curtis, Florence. ....	do. ....	133 33
		Reece, E. J. ....	do. ....	133 33
		Simpson, Frances. ....	do. ....	166 66
		Penrose, Alma. ....	do. ....	75 00
		Schwartz, G. F. ....	do. ....	183 33
		Smith, Constance Barlow. ....	do. ....	166 66
		Van den Berg, H. J. ....	do. ....	180 00
		Nasmyth, H. D. ....	do. ....	170 00
		Morphy, K. W. ....	do. ....	170 00
		Townsend, L. L. ....	do. ....	120 00
		Kirkup, Florence. ....	do. ....	100 00
		Treat, Edna L. ....	do. ....	100 00
		Simon, Anna. ....	do. ....	100 00
		Erb, J. L. ....	do. ....	250 00
		Harding, A. A. ....	do. ....	180 00
		Day, W. D. ....	do. ....	208 33
		Snow, C. M. ....	do. ....	150 00
		Gathercoal, E. N. ....	do. ....	108 33
		Elcher, B. L. ....	do. ....	83 33
		Colson, H. D. ....	do. ....	83 33
		Fantus, Bernard. ....	do. ....	16 66
		Lynn, E. V. ....	do. ....	150 00
		Bartow, Edward. ....	do. ....	166 66
		Hanford, W. W. ....	do. ....	60 00
		Hinds, M. E. ....	do. ....	70 00
		Mohlman, F. W. ....	do. ....	70 00
		Turner, F. W. ....	do. ....	70 00
		Langlier, W. F. ....	do. ....	125 00
O 3760	..do....	Pay roll .....	November, 1914. ....	1,418 33
		Arneson, Mabel. ....	Salary .....	\$ 75 00
		Browne, W. H. ....	do. ....	250 00
		Cole, H. W. ....	do. ....	100 00
		Froberg, Eric. ....	do. ....	75 00
		Tomlinson, J. S. ....	do. ....	125 00
		Heermann, Louise B. ....	do. ....	60 00
		Watson, Ethel. ....	do. ....	50 00
		Fletcher, E. C. ....	do. ....	100 00
		Broday, Esther. ....	do. ....	50 00
		Allen, Josephine. ....	do. ....	55 00
		David, Eshoo. ....	do. ....	55 00
		Loomis, Metta M. ....	do. ....	83 33
		Hoy, Anna. ....	do. ....	60 00
		Seaberg, Elin M. ....	do. ....	60 00
		David, Paul. ....	do. ....	60 00
		Gubbins, Maud. ....	do. ....	60 00
		Tomek, Gertrude. ....	do. ....	60 00
		Moorehead, Mary. ....	do. ....	40 00
C 3761	..do....	Pay roll .....	November, 1914. ....	8,504 95

## OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
O 3761 Ctd.	1914 Nov. 13	Alexander, Lilla M.	Salary.	\$ 65 00
		Alley, W. E.	do.	100 00
		Amos, Winifred.	do.	75 00
		Atkinson, C. E.	do.	141 66
		Beyer, Melinda.	do.	75 00
		Blackwell, Mary.	do.	60 00
		Boice, L. A.	do.	125 00
		Bowen, Evalena.	do.	65 00
		Broadhurst, Tabitha J.	do.	75 00
		Brown, Ina M.	do.	65 00
		Brownfield, Lelah H.	do.	50 00
		Bryan, Sarah E.	do.	75 00
		Buckler, Helen I.	do.	60 00
		Buckles, Mildred E.	do.	65 00
		Burt, Ruth.	do.	50 00
		Cover, Hazel W.	do.	60 00
		Crawford, C. C.	do.	65 00
		Cunningham, H. E.	do.	166 66
		Custer, Emma L.	do.	75 00
		Dalton, C. E.	do.	50 00
		Davis, Vera M.	do.	50 00
		Durley, Franc A.	do.	50 00
		Emigh, Edith.	do.	70 00
		Feldkamp, Amelia.	do.	55 00
		Fieg, Robert J.	do.	50 00
		Flattery, Amanda H.	do.	65 00
		Fraser, Viola C.	do.	70 00
		Galpin, Stella.	do.	70 00
		Garwood, Frances.	do.	50 00
		Glenn, Eleanor.	do.	50 00
		Goetz, Antoinette H.	do.	70 00
		Goodspeed, W. S.	do.	90 00
		Gordon, Marie A.	do.	55 00
		Grabbe, Florence H.	do.	65 00
		Griffith, Mabel F.	do.	70 00
		Halliday, Mabel.	do.	60 00
		Hamilton, Mrs. Alice V.	do.	100 00
		Hawgood, Helen A.	do.	70 00
		Hay, Nathaniel.	do.	166 66
		Hayes, James B.	do.	95 00
		Hayes, Margaret L.	do.	50 00
		Hayward, Nellie.	do.	50 00
		Heater, Myrtle.	do.	60 00
		Houchens, Josie B.	do.	83 33
		Hull, A. H.	do.	65 00
		Humrichouse, Katie L.	do.	50 00
		Jay, Edith L.	do.	50 00
		Johnson, Gertrude.	do.	60 00
		Kern, Floy.	do.	40 00
		Kirwin, Nora.	do.	55 00
		Knapp, Aurella.	do.	75 00
		Knorr, Lynn E.	do.	150 00
		Lamb, Allie.	do.	55 00
		Lee, Albert R.	do.	100 00
		Leitz, Louise A.	do.	40 00
		Love, Mary E.	do.	65 00
		Luther, Cornelia M.	do.	45 00
		McConn, Charles M.	do.	250 00
		McCurty, Agnes.	do.	83 33
		McIntire, W. A.	do.	50 00
		Manley, Verna.	do.	50 00
		Manspeaker, Lotta M.	do.	83 33
		Merchant, Donna B.	do.	50 00
		Meseck, Rudolph.	do.	65 00
		Miles, Lois M.	do.	70 00
		Miller, Mary.	do.	70 00
		Miller, C. F.	do.	90 00
		Morey, Lloyd.	do.	125 00
		Morrow, J. A.	do.	166 66
		Nagie, Sybil.	do.	50 00
		Nyberg, Florence A.	do.	50 00
		Packard, Bessie.	do.	75 00
		Peel, Thomas.	do.	60 00
		Pergande, Robert.	do.	95 00
		Phelps, Vergil V.	do.	166 66
		Post, Frederick.	do.	75 00
		Postlewait, Harriet L.	do.	55 00
		Powell, Burt E.	do.	191 66



## OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
<b>1914</b>				
O 3761	Nov. 13	Putnam, Persis.....	Salary.....	\$ 75 00
Cld.		Rein, Lillian.....	do.....	50 00
		Renz, Myrtle.....	do.....	75 00
		Ressler, Milton.....	do.....	80 00
		Ricketts, Clara A.....	do.....	65 00
		Riggs, Bess.....	do.....	35 00
		Robertson, Nellie.....	do.....	70 00
		Rogers, Della M.....	do.....	40 00
		Ross, Anne.....	do.....	50 00
		Scanlan, Mary.....	do.....	60 00
		Scott, Bertha M.....	do.....	50 00
		Sharp, Bertha L.....	do.....	60 00
		Shaw, Hazel Y.....	do.....	65 00
		Shepard, Anna L.....	do.....	100 00
		Sinnock, Julia.....	do.....	50 00
		Slater, Sarah M.....	do.....	60 00
		Smith, Ira M.....	do.....	125 00
		Smith, Mayme V.....	do.....	65 00
		Staples, O. E.....	do.....	150 00
		States, Bertha G.....	do.....	50 00
		Steitz, Alfred.....	do.....	85 00
		Stevens, Sabra.....	do.....	75 00
		Thompson, M. E.....	do.....	90 00
		Tuttle, George F., Jr.....	do.....	100 00
		Vaubel, Daniel.....	do.....	60 00
		Voight, Lida E.....	do.....	100 00
		Walsh, Ethel M.....	do.....	50 00
		Wheeler, H. H.....	do.....	70 00
		White, Loretta.....	do.....	70 00
		Winchester, B. L.....	do.....	50 00
		Wyninger, H. T.....	do.....	60 00
		Ellis, E. R.....	do.....	50 00
		Harper, Julia.....	do.....	65 00
		Loniuss, J. O.....	do.....	90 00
		Vanderbeek, H. J.....	do.....	65 00
O 3762	do.	W. Lewis & Co.....	Tumbiers.....	\$ 3 60
O 3763	do.	G. Cramer Dry Plates Co.....	General supplies.....	47 53
O 3764	do.	Federal-Huber Co.....	Pipe tee.....	1 50
O 3765	do.	R. Wunderlich.....	Apparatus repairs.....	28 50
O 3766	do.	Mallory, Mitchell & Faust.....	Advertising.....	35 56
O 3767	do.	F. J. Burns & Co.....	Live frogs.....	5 70
O 3768	do.	Spencer Lens Co.....	Test tubes.....	12 04
O 3769	do.	Carson, Pirlie Scott & Co.....	General supplies.....	8 10
O 3770	do.	Sweet Wallach & Co.....	do.....	2 50
O 3771	do.	Jno. B. Bennett.....	Sewer pipe.....	10 80
O 3772	do.	The Novelty Supply Co.....	Books.....	417 02
O 3773	do.	National Tube Co.....	General supplies.....	46 00
O 3774	do.	J. D. White.....	Stamps.....	425 00
O 3775	do.	Anso Co.....	General supplies.....	8 67
O 3776	do.	The Frederick Post Co.....	do.....	17 27
O 3777	do.	Twin City Ice & Cold Storage Co.....	Ice.....	12 00
O 3778	do.	B. F. Stevenson & Son.....	Laboratory supplies.....	55 68
O 3779	do.	Liquid Carbonic Co.....	General supplies.....	1 50
O 3780	do.	A. Daigger & Co.....	Metric weights.....	3 50
O 3781	do.	Cameron, Amberg & Co.....	Printing.....	8 50
O 3782	do.	Marshall Field & Co.....	Dishes.....	1 80
O 3783	do.	Mehring & Hanson Co.....	Repair work.....	6 80
O 3784	do.	The University Hospital.....	Board and room.....	169 75
O 3785	do.	Universal Floor Co.....	Medical repairs.....	33 00
O 3786	do.	Western Lumber Co.....	Lumber.....	3 60
O 3787	do.	C. L. Frame Dental Supply Co.....	Office supplies.....	46 59
O 3788	do.	Hambelin Plumbing Co.....	Building repairs.....	34 66
O 3789	do.	City of Chicago.....	Elevator inspection.....	4 00
O 3790	do.	A. H. Abbott & Co.....	General supplies.....	12 50
O 3791	do.	Western Type Foundry.....	Office supplies.....	3 84
O 3792	do.	Ella R. Michaels.....	Coats.....	6 00
O 3793	do.	Steindorf's Protective Agency.....	Salaries.....	60 00
O 3794	do.	H. W. Johns-Manville Co.....	General supplies.....	13 50
O 3795	do.	American Electric Supply Co.....	Shades.....	7 50
O 3796	do.	Wanner Machinery Co.....	Machine repairs.....	4 00
O 3797	do.	Illinois Industrial Home for the Blind.....	Brooms.....	3 00
O 3798	do.	Mehring & Hanson.....	Building material.....	29 03
O 3799	do.	Western Electric Co.....	Fuse plugs.....	3 73
O 3800	do.	Barron Bros. Coal Co.....	Animal feed.....	3 03
O 3801	do.	F. G. Hartwell Co.....	Coal.....	125 49
O 3802	do.	Freeman Sweet Co.....	Electric service.....	11 06
O 3803	do.	H. F. Bremer.....	Laboratory repairs.....	317 30
O 3804	do.	Chicago Towel Co.....	Laundry.....	58 68

## OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1914			
O 3805	Nov. 13	Western Fuel Co.	Coal	\$102 73
O 3806	Nov. 14	D. H. Lloyd.	Office supplies	6 94
O 3807	do.	Barnhart Bros.	General supplies	24 12
O 3808	do.	A. S. Nelson & Sons	Food supplies.	2 90
O 3809	do.	John H. Doyle	General supplies	10 25
O 3810	do.	Ahrens & Schreiner	do	14 35
O 3811	do.	John Becker	Laboratory supplies	7 00
O 3812	do.	Colonial Hospital Supply Co.	do	46 25
O 3813	do.	Maas Bros.	General supplies	10 30
O 3814	do.	H. Mueller & Co.	do	189 15
O 3815	do.	Pittsburgh Plate Glass Co.	Lumber	12 75
O 3816	do.	Arthur Ochs	Laboratory supplies	21 75
O 3817	do.	Morrison, Plummer & Co.	General supplies	71 21
O 3818	do.	Huntley Dairy Co.	Laboratory supplies	6 22
O 3819	do.	Davis & Kreeger	Labor and material	289 34
O 3820	do.	Illinois State Reformatory	Printing	76 70
O 3821	do.	A. C. McClurg & Co.	General supplies	41 95
O 3822	do.	E. H. Sargent & Co.	Laboratory supplies	36 05
O 3823	do.	Hunter Rourke & Co.	General supplies	6 90
O 3824	do.	G. C. Willis	do	2 55
O 3825	do.	Alexander Lumber Co.	Building material	39 90
O 3826	do.	Taylor Hardware Co.	do	127 05
O 3827	do.	American Multigraph Sales Co.	General supplies	3 39
O 3828	do.	Armour & Co.	do	3 00
O 3829	do.	University of Illinois Supply Store.	do	20 60
O 3830	do.	Percival & Moorehead	do	7 85
O 3831	do.	B. F. Stevenson & Son	Laboratory supplies	5 30
O 3832	do.	Eimer & Amend	do	110 03
O 3833	do.	S. E. Huff & Co.	Coal and lime	55 40
O 3834	do.	Harris-Dillavou & Co.	Laboratory supplies	30 62
O 3835	do.	Remington Typewriter Co.	Carbon paper	14 00
O 3836	do.	Enterprise Iron Works	Castings	4 47
O 3837	do.	H. D. Oberdorfer	Traveling expenses	5 05
O 3838	do.	National Lead Co.	Paint	40 47
O 3839	do.	American Linseed Co.	Linseed oil	24 14
O 3840	do.	James B. Clow & Sons	Tray plugs	8 23
O 3841	do.	Crane Co.	Cylinder cocks	22 46
O 3842	do.	Leavitt Mfg. Co.	Brackets	39 26
O 3843	do.	Ludlow Valve Mfg. Co.	Supplies	5 35
O 3844	do.	W. W. Walls & Co.	Fence picketts	23 45
O 3845	do.	J. C. Thomas	Lanterns	3 00
O 3846	do.	North Bangor Slate Co.	Blackboards	32 56
O 3847	do.	The Western Electric Co.	Electrical supplies	70 18
O 3848	do.	Corbin Cabinet Lock Co.	Keys	1 95
O 3849	do.	Geo. B. Carpenter & Co.	Grease cups	22 17
O 3850	do.	Graham Mfg. Co.	General supplies	25 20
O 3851	Nov. 17	W. J. Boehm	Vacuum gage	12 50
O 3852	do.	Chas. Mollet	Apparatus repairs	2 15
O 3853	do.	Norton Co.	Filtering tubes	2 00
O 3854	do.	Illinois Glass Co.	Test tubes	110 02
O 3855	do.	H. Swannell & Son	Laboratory supplies	3 05
O 3856	do.	Fuller & Fuller Co.	Ether	91 08
O 3857	do.	Roessler & Hasslacher Chemical Co.	Sodium peroxide	27 50
O 3858	do.	Redman Chemical Product Co.	Lacquer	2 94
O 3859	do.	General Chemical Co.	Laboratory supplies	176 50
O 3860	do.	Linde Air Products Co.	Oxygen	3 00
O 3861	do.	Pictorial Printing Co.	Pasteboard box	54 00
O 3862	do.	United States Blue Print Paper Co.	Printing	4 88
O 3863	do.	University Press	do	2 75
O 3864	do.	R. W. Braithwaite	General supplies	3 80
O 3865	do.	Henry F. Mitchell Co.	Nursery stock	11 10
O 3866	do.	Mandle Clay Mining Co.	Clay	9 00
O 3867	do.	McIntosh Stereopticon Co.	Slide boxes	9 00
O 3868	do.	E. H. Sargent & Co.	General supplies	34 41
O 3869	do.	John W. Spaulding	Horse shoeing	12 00
O 3870	do.	H. A. Hollister	Traveling expenses	22 55
O 3871	do.	J. J. Didcoet	do	19 71
O 3872	do.	Mrs. John Stout	Lecture	20 00
O 3873	do.	Mrs. Antoinette S. Donoho	do	20 00
O 3874	do.	R. H. Hadley	Traveling expenses	6 06
O 3875	do.	F. A. Pearson	do	67 21
O 3876	do.	Yale & Towne Mfg. Co.	Key blanks	8 49
O 3877	do.	American Electric Supply Co.	Electrical supplies	4 16
O 3878	do.	Western Type Foundry	Office equipment	2 47
O 3879	do.	Steindorf's Protective Agency	Services	20 00
O 3880	do.	Wanner-Machinery Co.	Office equipment	2 45
O 3881	do.	Calumet Laundry Co.	Laundry	65 17
O 3882	do.	A. C. McClurg & Co.	Wrapping paper	2 11

## OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
1914				
O 3883	Nov. 17	Maas Bros.	Key rings.	\$ 1 45
O 3884	do.	Kasen's Express & Van Co.	Books and supplies.	38 33
O 3885	do.	A. Daigger & Co.	Laboratory supplies.	47 92
O 3886	do.	Chicago Telephone Co.	Telephone.	107 72
O 3887	do.	Mallory Mitchell & Faust.	Advertising.	45 30
O 3888	do.	V. Mueller & Co.	General supplies.	72 75
O 3889	do.	Ahrens & Schreiner.	do.	6 10
O 3890	do.	Physician's Supply & Drug Co.	do.	2 65
O 3891	do.	Pay roll.	October, 1914.	258 33
		Kelley, R. L.	Salary.	\$125 00
		Math, E. R.	do.	133 33
O 3892	do.	Pay roll.	September and October, 1914.	53 34
		Braun, William	Salary.	\$53 34
O 3893	Nov. 18	O. E. Staples, Bursar.	General labor.	1,102 56
O 3894	do.	D. Osborn.	Labor.	252 37
O 3895	do.	O. E. Staples, Bursar.	Student labor.	565 04
O 3896	do.	D. H. Lloyd.	Rentals.	50 72
O 3897	do.	Eisner Grocery Co.	Food supplies.	117 92
O 3898	do.	Flanigan-Pearson Co.	Printing.	25 74
O 3899	do.	Percival & Moorehead.	General supplies.	2 85
O 3900	do.	F. K. Robeson.	Laboratory supplies.	5 80
O 3901	do.	R. E. Hieronymus.	Traveling expenses.	65 14
O 3902	do.	W. J. Carmichael.	do.	10 40
O 3903	do.	Twin City Ice & Cold Storage Co.	Ice.	24 00
O 3904	do.	A. S. Nelson & Sons.	Food supplies.	3 05
O 3905	do.	A. W. Nolan.	Traveling expenses.	57 94
O 3906	do.	Burley & Tyrrell Co.	Chafing dishes.	10 40
O 3907	do.	White Poultry Farm.	Food supplies.	12 05
O 3908	do.	National Biscuit Co.	Soda crackers.	5 16
O 3909	do.	Dallenbach Bros.	Laboratory supplies.	3 37
O 3910	do.	Champaign Bottling Works.	do.	2 00
O 3911	do.	C. S. Brimley.	Live turtles.	3 88
O 3912	do.	J. Hefferman & Son.	Jars.	2 00
O 3913	do.	O. L. Pettiddier.	Laboratory apparatus.	13 00
O 3914	do.	Baker & Co.	Platinum tubes.	13 02
O 3915	do.	Wilson-Maenlen Co.	Electroquartz tubes.	19 20
O 3916	do.	University of Illinois Supply Store.	Books.	12 00
O 3917	do.	Rogers & Hall Co.	Bulletins.	74 45
O 3918	do.	M. A. Donohue & Co.	Unruled paper.	10 00
O 3919	do.	Durand Steel Locker Co.	Staples.	3 60
O 3920	do.	Twin City Roofing Co.	Screens.	2 70
O 3921	do.	Hunter Rourke & Co.	Lumber.	14 00
O 3922	do.	Geo. B. Carpenter & Co.	Cement.	2 59
O 3923	do.	Crane Co.	Lead.	22 57
O 3924	do.	James B. Clow & Sons.	Trees.	3 57
O 3925	do.	American Steam Gauge & Valve Mfg. Co.	Thermometers.	11 17
O 3926	do.	Chicago Engineer Supply Co.	Lubricating pump.	8 82
O 3927	do.	O. E. Staples, Bursar.	General labor.	124 40
O 3928	do.	Pay roll.	November, 1914.	1,023 34
		Becker, Johann.	Salary.	\$ 50 00
		Blackwell, J. T.	do.	60 00
		Braun, William.	do.	40 00
		David, Simon.	do.	40 00
		Drennan, Peter.	do.	80 00
		George, Elia.	do.	50 00
		Harding, Clayton F.	do.	100 00
		Jones, Sadie A.	do.	50 00
		Karochun, William.	do.	50 00
		Kastanos, John.	do.	50 00
		Matthes, Herbert A.	do.	40 00
		Miller, W. W.	do.	75 00
		Muhleman, Elizabeth.	do.	50 00
		Mullaney, Herbert.	do.	40 00
		Rehfeldt, Hubert F.	do.	40 00
		Ross, Roy M.	do.	80 00
		Schultz, Harry.	do.	35 00
		Solomon, Jacob.	do.	50 00
		von Tesmar, Emil.	do.	33 34
O 3929	Nov. 19	J. B. Andrews.	Traveling expenses.	12 69
O 3930	do.	R. W. Dickenson.	do.	44 61
O 3931	do.	S. V. Holt.	do.	62 62
O 3932	do.	Harry C. Gulkerson.	do.	40 35
O 3933	do.	H. J. Snider.	do.	11 03
O 3934	do.	Fred J. Blackburn.	do.	28 91
O 3935	do.	J. H. Smith.	Field work.	175 10
O 3936	do.	Chas. A. Campbell.	Traveling expenses.	48 59
O 3937	do.	H. C. Wheeler.	do.	76 32
O 3938	do.	C. A. Hughes.	do.	20 76

## OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
1914				
O 3939	Nov. 19	C. C. Logan	Traveling expenses	\$ 18 13
O 3940	do.	C. H. Johnston	Mailing	20 70
O 3941	do.	Harrison Fahrkopf	Traveling expenses	14 62
O 3942	do.	University of Illinois Supply Store	Drawing set	14 75
O 3943	Nov. 20	E. H. Sargent & Co.	Laboratory supplies	208 33
O 3944	do.	The Western Electric Co.	General supplies	31 88
O 3945	do.	E. A. Eichhorst	Whips	5 60
O 3946	do.	McGraw Brothers	Matches	2 25
O 3947	do.	L. C. Smith & Bros.	Office supplies	8 00
O 3948	do.	Jno. B. Bennett	Brick work	89 45
O 3949	do.	Alexander Lumber Co.	General supplies	38 79
O 3950	do.	C. H. Hanson Co.	do.	6 81
O 3951	do.	Flanigan-Pearson Co.	do.	23 44
O 3952	do.	Walker & Mulliken	do.	31 30
O 3953	do.	Federal Sign System	Lighting fixtures	5 19
O 3954	do.	Natural Phosphate Co.	Limestone screening	17 48
O 3955	do.	G. R. Grubb & Co.	Publications	17 95
O 3956	do.	Eisner Grocer Co.	Salt	12 00
O 3957	do.	C. H. Besley & Co.	General supplies	6 50
O 3958	do.	Hohmann & Maurer Mfg. Co.	Hygrometer	4 50
O 3959	do.	Twin City Printing Co.	Printing	14 25
O 3960	do.	Carbondale Printing Co.	do.	7 00
O 3961	do.	The Storrs & Harrison Co.	Nursery stock	19 92
O 3962	do.	American Tamworth Swine Record Assn.	Registration	2 00
O 3963	do.	American Southdown Breeder's Assn.	Entries	7 00
O 3964	do.	Corn Products Refining Co.	Corn oil	1 00
O 3965	do.	J. H. Percival	Straw	65 31
O 3966	do.	Studebaker Corp. of America	Stiver runabout	185 00
O 3967	do.	Conner & Quayle	Shoes	14 00
O 3968	do.	Chicago Live Stock World	Journals	1 20
O 3969	do.	Champaign Seed Co.	Bran	52 00
O 3970	do.	The Licens Co.	Pipeline	1 00
O 3971	do.	J. C. Thomas	General supplies	35 15
O 3972	do.	Union Steam Pump Co.	Valves	20 25
O 3973	do.	Crane Co.	Pipecutter	32 00
O 3974	do.	American Hardware Corp. of Chicago	Key blanks	10 27
O 3975	do.	George B. Limbert & Co.	Pipes	122 15
O 3976	do.	E. H. Wachs Co.	General supplies	10 00
O 3977	do.	Joseph Dixon Crucible Co.	Erasers	4 81
O 3978	do.	Irving-Pitt Mfg. Co.	Ring binders	1 14
O 3979	do.	Wm. Hix	Steam service	65 00
O 3980	do.	Stanton & Stanton	Cleaning windows	14 10
O 3981	do.	Henry H. Shufeldt & Co.	Alcohol	112 18
O 3982	do.	Western Bank Note & Engraving Co.	Diplomas	916 20
O 3983	do.	Montgomery Ward & Co.	Cupboards	2 82
O 3984	do.	Dow Chemical Co.	Potassium bromate	120 00
O 3985	do.	Globe Soap Co.	Soap	16 00
O 3986	do.	Baker & Co.	Repair work	7 24
O 3987	do.	Fowler Shops	Holder, popette	30 00
O 3988	do.	The Leeds & Northrup Co.	Repair work	10 00
O 3989	do.	Victor Electric Co.	General supplies	2 40
O 3990	do.	Hoffman & Kropff Chemical Co.	Laboratory supplies	3 00
O 3991	do.	Int. Acheson Graphite Co.	do.	1 13
O 3992	do.	J. T. Baker Chemical Co.	Chloride	4 70
O 3993	do.	Gulick Tailoring Co.	Swimming trunks	37 00
O 3994	do.	A. L. Robinson & Sons	Live stock	575 00
O 3995	do.	Indian Refining Co.	Kerosine	5 68
O 3996	do.	Penny Grocery Co.	Flour	1 45
O 3997	do.	The Elliott Co.	Stencils	5 32
O 3998	do.	R. W. Braithwaite	General supplies	26 75
O 3999	do.	Stoitey's Garage	Hose	3 25
O 4000	do.	Knowlton & Bennett	Glass	4 75
O 4001	do.	H. A. deWet	Traveling expenses	24 64
O 4002	do.	F. W. Wascher	do.	51 25
O 4003	do.	C. C. Logan	do.	17 77
O 4004	do.	Royal A. Stipes	Sand	1 50
O 4005	do.	H. Swannell & Son	Cottonseed oil	1 50
O 4006	do.	W. W. Walls & Co.	Fencing	2 10
O 4007	do.	P. S. Campbell	Printing	4 75
O 4008	do.	Chester Horseshoeing Shop	Horse shoes	4 00
O 4009	do.	F. K. Robeson	Barber towels	7 20
O 4010	do.	The Burr Co.	General supplies	12 10
O 4011	do.	B. A. Strauch	Publications	16 00
O 4012	do.	S. E. Huff & Co.	Coal	7 00
O 4013	do.	W. Lewis & Co.	Ducking	5 00
O 4014	do.	Leavitt Mfg. Co.	Rods	6 99
O 4015	do.	Champaign Steam Laundry	Laundry	4 70
O 4016	do.	Illinois State Reformatory	Printing	23 05

## OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1914			
O 4017	Nov. 20	Barnhart Bros.	General supplies.	\$ 3 15
O 4018	do.	Woldenberg & Schaar	Laboratory supplies.	220 88
O 4019	do.	Hall Hardware Co.	General supplies.	22 25
O 4020	do.	John H. Doyle	do.	3 80
O 4021	Nov. 21	F. M. Leslie	Picture framed.	4 00
O 4022	do.	Taylor Hardware Co.	Paint.	6 75
O 4023	do.	C. H. Morrison	Rental.	100 00
O 4024	do.	Percival & Moorehead	General supplies.	23 60
O 4025	do.	D. H. Lloyd	Blue printing.	8 94
O 4026	do.	D. T. Dobbins	Food stuffs.	14 88
O 4027	do.	A. C. McClurg & Co.	General supplies.	32 82
O 4028	do.	Hunter Rourke & Co.	do.	75 93
O 4029	do.	Miller Harness Co.	Sundries.	3 55
O 4030	do.	A. S. Nelson & Sons	General supplies.	2 10
O 4031	do.	Eisner Grocery Co.	do.	24 31
O 4032	do.	Oldham Bros.	do.	5 25
O 4033	do.	Marshall Field & Co.	Equipment.	39 09
O 4034	do.	International Harvester Co.	Laboratory supplies.	1 40
O 4035	do.	Haussmann & Dunn Co.	Thermometers.	5 06
O 4036	do.	Creamery Package Mfg. Co.	General supplies.	3 60
O 4037	do.	University of Illinois Supply Store.	Hectograph.	3 60
O 4038	do.	U. S. Geological Survey	Map.	1 00
O 4039	do.	Royal A. Stipes	Sand.	6 00
O 4040	do.	The Fisher Governor Co.	Fisher governor	20 58
O 4041	do.	Gulick Tailoring Co.	Suits.	28 50
O 4042	do.	Frison Bros.	Repair work.	1 50
O 4043	do.	C. W. Murphy	Chopper.	10 50
O 4044	do.	Champaign Creamery Co.	Milk.	69 59
O 4045	do.	Stone & Forsyth Co.	Cartridge cartons.	45 00
O 4046	do.	American Mono-Service Co.	Tubs.	13 50
O 4047	do.	Twin City Ice & Cold Storage Co.	Ice.	25 00
O 4048	do.	R. W. Braithwaite	Sundries.	6 00
O 4049	do.	J. W. Spalding	Horse shoes	2 00
O 4050	do.	Herbert W. Mumford	Labor.	4 25
O 4051	do.	American Shropshire Registration Assn.	Registration.	9 50
O 4052	do.	University Press	Printing.	3 50
O 4053	do.	Central Electric Co.	Electrical supplies.	7 00
O 4054	do.	G. E. Amsbury	Freight.	2 00
O 4055	do.	J. Bishop & Co.	Plat electrodes.	2 64
O 4056	do.	Kentucky Tobacco Product Co.	General supplies.	24 75
O 4057	do.	F. M. Foltz	Shears sharpened.	1 80
O 4058	do.	Chester Transfer Co.	Drayage.	31 74
O 4059	do.	McDonough & Co.	Advertising.	15 00
O 4060	do.	Vaughans Seed Store.	Insecticide.	4 00
O 4061	do.	C. C. Short	Horse shoes	4 50
O 4062	do.	J. Heffernan & Son.	Stone jars.	1 92
O 4063	do.	C. C. Jensen	Traveling expenses.	17 72
O 4064	do.	Frank Turner	do.	10 73
O 4065	do.	Ulric Johnson	Field work.	18 88
O 4066	do.	Geo. W. Medley	do.	38 43
O 4067	do.	Leroy Iler	do.	23 34
O 4068	do.	W. J. Fraser	Traveling expenses.	71 90
O 4069	do.	Bacon Brothers	General supplies.	37 20
O 4070	do.	Wm. Schlotzhauer	Field work.	39 50
O 4071	do.	Standard Cap & Seal Co.	Milk caps.	46 45
O 4072	do.	G. Gennert	Blue printing.	8 67
O 4073	do.	Indian Refining Co.	Gasoline.	9 08
O 4074	do.	The Illinois Agriculturist.	Subscription.	63 50
O 4075	do.	Jewell Belting Co.	Leather plunger packing.	96 96
O 4076	do.	Crane Co.	General supplies.	61 73
O 4077	do.	John Bennett	Drain tile.	2 70
O 4078	do.	University Club	Traveling expenses.	5 10
O 4079	Nov. 23	Pay roll.	November, 1914.	25 00
O 4080	do.	Pay roll.	do.	25 00
O 4081	do.	Taylor Hardware Co.	Laboratory apparatus.	30 70
O 4082	do.	Percival & Moorehead	General supplies.	21 97
O 4083	do.	Hall Hardware Co.	Laboratory supplies.	6 00
O 4084	do.	Library Bureau.	General supplies.	22 05
O 4085	do.	R. G. Freyer	Laboratory apparatus.	96 75
O 4086	do.	Illinois State Reformatory	Printing.	39 10
O 4087	do.	Alexander Lumber Co.	Lumber.	7 92
O 4088	do.	High School Life.	Advertising.	5 00
O 4089	do.	Sharon Coal & Brick Co.	Coal.	206 25
O 4090	do.	Isabel Bevier	Traveling expenses.	63 23
O 4091	do.	Herbert W. Mumford	do.	65 76
O 4092	do.	F. W. Allen	do.	11 40
O 4093	do.	Chicago Fire Proof Storage Warehouse.	Storage.	3 00
O 4094	do.	N. W. Hepburn.	Traveling expenses.	16 28

## OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
<b>1914</b>				
O 4095	Nov. 23	Spencer Lens Co. ....	Laboratory apparatus .....	\$ 36 00
O 4096	.. do. .	John R. Nelson. ....	Clock .....	2 50
O 4097	.. do. .	Smith & Co. ....	Ice .....	4 00
O 4098	.. do. .	Harpswell Laboratory ..	General supplies .....	13 89
O 4099	.. do. .	Alex Nielsen .....	Laboratory supplies .....	7 50
O 4100	.. do. .	The Frederick Post Co. .	Office supplies .....	4 93
O 4101	.. do. .	Hollis & Duncan .....	.. do. ....	17 49
O 4102	.. do. .	Hale Specialty Co. ....	Desk pads .....	25 43
O 4103	.. do. .	Weis Mfg. Co. ....	Guides .....	2 02
O 4104	.. do. .	A. C. McClurg & Co. ....	Office supplies .....	10 67
O 4105	.. do. .	Eugene Dietzgen Co. ....	General supplies .....	6 90
O 4106	.. do. .	Anderson, J. C. ....	Wages .....	70 00
O 4107	.. do. .	Augustus, E. K. ....	.. do. ....	70 00
O 4108	.. do. .	Blackburn, Fred J. ....	.. do. ....	50 00
O 4109	.. do. .	Hughes, C. A. ....	.. do. ....	50 00
O 4110	.. do. .	Engle, Ralph .....	.. do. ....	30 00
O 4111	.. do. .	Beaumont, G. S. ....	.. do. ....	52 50
O 4112	.. do. .	Dunham, R. S. ....	.. do. ....	50 00
O 4113	.. do. .	Richey, F. C. ....	.. do. ....	50 00
O 4114	.. do. .	Rigg, G. L. ....	.. do. ....	47 50
O 4115	.. do. .	Shiveley, T. R. ....	.. do. ....	50 00
O 4116	.. do. .	Wright, Douglas, Jr. ....	.. do. ....	45 00
O 4117	.. do. .	Garver, Earl .....	.. do. ....	65 00
O 4118	.. do. .	Cox, C. G. ....	.. do. ....	60 00
O 4119	.. do. .	Lawson, H. C. ....	.. do. ....	60 00
O 4120	.. do. .	Price, C. B. ....	.. do. ....	60 00
O 4121	.. do. .	Reisner, C. L. ....	.. do. ....	60 00
O 4122	.. do. .	Codlin, H. E. ....	.. do. ....	60 00
O 4123	.. do. .	Manley, R. R. ....	.. do. ....	55 00
O 4124	.. do. .	Stark, Robert W. ....	.. do. ....	100 00
O 4125	.. do. .	Bennett, W. L. ....	.. do. ....	75 00
O 4126	.. do. .	Mattoon, E. W. ....	.. do. ....	60 00
O 4127	.. do. .	Frison, Theodore. ....	.. do. ....	49 75
O 4128	Nov. 24	O. E. Staples, Bursar. ....	General labor .....	850 74
O 4129	.. do. .	O. E. Staples, Bursar. ....	.. do. ....	62 50
O 4130	.. do. .	O. E. Staples, Bursar. ....	Student labor .....	224 25
O 4131	.. do. .	Hunter Rourke & Co. ....	Cases .....	20 25
O 4132	.. do. .	Joseph H. Hill .....	Services .....	100 00
O 4133	.. do. .	Mrs. F. E. McClughen ..	Laundry .....	19 18
O 4134	.. do. .	Pabst Stock Farm .....	Service and board .....	96 50
O 4135	.. do. .	J. J. Dideoct .....	Traveling expenses .....	10 90
O 4136	.. do. .	J. E. Whitechurch. ....	.. do. ....	44 55
O 4137	Nov. 25	Pay roll .....	November, 1914 .....	54 60
O 4138	.. do. .	Beadles, Jessie R. ....	Salary .....	\$54 60
		Pay roll .....	November, 1914 .....	1,618 33
		Argo, Roy .....	Salary .....	55 00
		Barto, Mrs. D. O. ....	.. do. ....	20 00
		Burdick, I. F. ....	.. do. ....	85 00
		Chaplin, Ralph .....	.. do. ....	60 00
		Engle, W. J. ....	.. do. ....	75 00
		Hampton, W. J. ....	.. do. ....	75 00
		Hough, William .....	.. do. ....	83 33
		Jenkins, E. H. ....	.. do. ....	60 00
		Jensen, George C. ....	.. do. ....	55 00
		Kelley, J. R. ....	.. do. ....	65 00
		McQueen, Harry D. ....	.. do. ....	50 00
		Magnuson, A. O. ....	.. do. ....	80 00
		Meenach, Earl .....	.. do. ....	65 00
		Morgan, J. E. ....	.. do. ....	15 00
		Mink, George .....	.. do. ....	50 00
		Palfrey, John R. ....	.. do. ....	75 00
		Patterson, Will .....	.. do. ....	50 00
		Pine, Fred .....	.. do. ....	80 00
		Pritchard, H. ....	.. do. ....	70 00
		Pritchard R. ....	.. do. ....	65 00
		Rhoads, Hazel .....	.. do. ....	60 00
		Rose, M. D. ....	.. do. ....	55 00
		Sanders, Frank .....	.. do. ....	50 00
		Smith, J. F. ....	.. do. ....	70 00
		Sprinkle, D. C. ....	.. do. ....	50 00
		Stivers, Moses .....	.. do. ....	50 00
		Stoneburner, A. J. ....	.. do. ....	50 00
		Pay roll .....	November, 1914 .....	2,661 91
		Black, Marvin H. ....	Salary .....	45 00
		Bote, George S. ....	.. do. ....	80 00
		Bradford, Albert .....	.. do. ....	60 00
		Brentlinge., Emmett. ....	.. do. ....	45 19
		Brooks, D. T. ....	.. do. ....	50 00

## OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
<b>1914</b>				
O 4139	Nov. 25	Brown, Earl R.	Salary	\$ 45 00
Cld.		Brown, Walter E.	do.	50 00
		Campbell, Charles A.	do.	65 00
		Carr, Thomas D. T.	do.	48 00
		Chapman, Claude C.	do.	100 00
		Conrad, Emma.	do.	40 00
		Craigsmile, Jeannette.	do.	50 00
		Dille, Lavina Faye.	do.	60 00
		Dillion, Jasper.	do.	55 00
		Dunlap, Burleigh H.	do.	70 00
		Eaton, Ralph.	do.	48 00
		Egelston, Asa T.	do.	40 00
		Engle, Lawrence.	do.	25 00
		Flocken, John B.	do.	65 00
		Gardner, Kelsey B.	do.	65 00
		Gatewood, Jacob.	do.	50 00
		Gossett, J. Oliver.	do.	60 00
		Gregory, Owen E.	do.	45 00
		Hamlin, Clyde.	do.	55 00
		Hamlin, Hiram.	do.	55 00
		Harry, Wilson L.	do.	90 38
		Horn, Martha H.	do.	26 60
		Hunter, Lewis A.	do.	80 00
		Jones, W. C.	do.	75 00
		Keller, Howard.	do.	48 00
		Kramer, Jennie.	do.	45 00
		Lewis, W. S.	do.	45 00
		Lowe, Lucy.	do.	45 00
		Mapes, Morallo H.	do.	50 00
		Marsh, W. T.	do.	50 00
		Martin, W. T.	do.	45 00
		Moore, H. E.	do.	50 00
		Pollard, Charles.	do.	46 15
		Procise, Fred D.	do.	45 00
		Redman, Louise E.	do.	60 00
		Reed, Alice E.	do.	60 00
		Shue, Mrs. Lizzie B.	do.	6 40
		Sharp, Ethel.	do.	50 00
		Stoltzfus, Amos L.	do.	48 00
		Tornquist, Andrew.	do.	75 00
		Utterback, Hugh.	do.	45 00
		Utterback, L.	do.	45 19
		Williamson, Hiram.	do.	50 00
		Zachmire, Claude E.	do.	50 00
		Whitmire, James S.	do.	60 00
O 4140	do.	Pay roll	November, 1914	\$ 75 00
		Churton, Florence	Salary	40 00
		Latzner, Irma	do.	35 00
O 4141	do.	Pay roll	November, 1914	65 00
		Becker, Georgia.	Salary	65 00
O 4142	do.	Pay roll	November, 1914	45 00
		Wilson, Bernice.	Salary	45 00
O 4143	do.	H. E. Crouch.	Wages	115 00
O 4144	do.	H. A. Cate.	do.	70 00
O 4145	do.	D. H. Lloyd.	Office equipment	17 20
O 4146	do.	Taylor Hardware Co.	General supplies	10 85
O 4147	do.	G. R. Grubb & Co.	Publication	47 15
O 4148	do.	C. W. Johnson.	Trays	10 00
O 4149	do.	Champaign Seed Co.	Laboratory supplies	1 58
O 4150	do.	Stipes & Hecker	Cement and gravel.	75 98
O 4151	do.	John H. Doyle.	Machine repairs	5 40
O 4152	do.	Albert Pick & Co.	Doules	2 00
O 4153	do.	Pratt & Whitney Co.	Gauge drills	6 51
O 4154	do.	Flanigan-Pearson Co.	Printing	62 65
O 4155	do.	Chas. Mollett.	General supplies	4 85
O 4156	do.	Barnhart.	do.	8 03
O 4157	do.	McKey & Poague.	Rent	500 00
O 4158	do.	G. C. Willis.	Blanket and muslin	5 62
O 4159	do.	The Storrs & Harrison Co.	Nursery stock	111 75
O 4160	do.	Zenner Disinfectant Co.	Zenoleum	12 25
O 4161	do.	Keystone Supply Co.	Automatic indicator	5 00
O 4162	do.	P. S. Campbell.	Office supplies	2 85
O 4163	do.	A. A. Hinkley.	Museum specimens	10 00
O 4164	do.	W. F. Hardy.	Mower knives	3 50
O 4165	do.	James I. Wyer, Jr.	Traveling expenses	34 09
O 4166	do.	J. M. Coulter.	Address	25 00
O 4167	do.	M. H. Stuart.	do.	25 00
O 4168	do.	J. W. Withers.	do.	30 00

## OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1914			
O 4169	Nov. 25	Dryer & Burt.....	Wheat.....	\$ 71 86
O 4170	do.	Illinois State Reformatory.....	Printing.....	3 30
O 4171	do.	Tucker's Drug Store.....	Carbolic acid.....	3 00
O 4172	do.	The Emil Greiner Co.....	Test tubes.....	46 25
O 4173	do.	Miller Harness Co.....	Harness.....	16 00
O 4174	do.	Barbee Wire & Iron Works.....	Cages.....	6 00
O 4175	do.	Metzler & Schafer Co.....	Lard and starch.....	1 35
O 4176	do.	Bradner Smith & Co.....	Tissue excelsior.....	12 13
O 4177	do.	Frison Bros.....	Rub irons.....	1 00
O 4178	do.	W. Lewis & Co.....	Burlap.....	15 45
O 4179	do.	Kisner Grocery Co.....	Sugar.....	6 40
O 4180	do.	Fulton Bag & Cotton Mills.....	Cottons, plain.....	24 45
O 4181	do.	Egglesons Music House.....	Rent.....	33 40
O 4182	do.	Van Eversen Co.....	Gummed labels.....	1 25
O 4183	do.	A. L. Marshall.....	Food supplies.....	2 55
O 4184	do.	The Federal Metal Co.....	Brass ingots.....	19 98
O 4185	do.	Roovers Brothers.....	Brass tape.....	2 45
O 4186	do.	Flat Iron Store.....	Shades.....	26 00
O 4187	do.	J. L. Conel.....	Nursery stock.....	50 00
O 4188	do.	Twin City Roofing Co.....	Waste paper can.....	7 65
O 4189	do.	Frederick B. Stevens.....	Brushes.....	1 35
O 4190	do.	Sheldon Brick & Building Supply Co.....	Brick.....	8 10
O 4191	do.	The Linde Air Products Co.....	Oxygen.....	1 50
O 4192	do.	D. H. Burrell & Co.....	Apparatus repairs.....	1 23
O 4193	do.	George H. Graves.....	Corn.....	4 00
O 4194	do.	The Burr Co.....	Globe valves.....	1 50
O 4195	do.	Imperial Brush Co.....	Brushes.....	8 50
O 4196	do.	Smith's Hotel & Restaurant.....	Incidental.....	23 00
O 4197	do.	Knowlton & Bennett.....	Carbolic acid.....	2 50
O 4198	Nov. 30	The Peoples Gas, Light & Coke Co.....	Gas.....	35 36
O 4199	do.	Kimble Durand Glass Co.....	General supplies.....	5 83
O 4200	do.	Maas Bros.....	do.....	15 65
O 4201	do.	H. K. Mulford Co.....	do.....	34 68
O 4202	do.	J. Dee & Co.....	do.....	222 08
O 4203	do.	The S. S. White Dental Mfg. Co.....	do.....	22 39
O 4204	do.	C. L. Frame Dental Mfg. Co.....	Apparatus repair.....	19 46
O 4205	do.	W. H. Salisbury & Co.....	Matting rubber.....	18 65
O 4206	do.	Armour & Co.....	General supplies.....	5 75
O 4207	do.	Morrison Plummer & Co.....	Laboratory supplies.....	156 33
O 4208	do.	Ahrens & Schreiner.....	Sugar.....	1 35
O 4209	do.	A. C. McClurg & Co.....	Office supplies.....	19 20
O 4210	do.	Bradner Smith & Co.....	do.....	45 44
O 4211	do.	Hamblin Plumbing Co.....	General supplies.....	93 46
O 4212	do.	Western Lumber Co.....	Lumber.....	36 09
O 4213	do.	V. Mueller & Co.....	General supplies.....	27 00
O 4214	do.	E. H. Sargent & Co.....	Flasks.....	1 50
O 4215	do.	G. Cramer Dry Plate Co.....	X Ray plates.....	23 49
O 4216	do.	Peck & Hills Furniture Co.....	Tables.....	2 90
O 4217	do.	Dearborn Chemical Co.....	General supplies.....	5 50
O 4218	do.	Harris Brothers Co.....	do.....	8 39
O 4219	do.	Marshall Field & Co.....	Laboratory supplies.....	59 90
O 4220	do.	Yale & Towne Mfg. Co.....	Night latches.....	4 86
O 4221	do.	Illinois State Reformatory.....	Requisitions.....	29 80
O 4222	do.	Wanner Machinery Co.....	Office supplies.....	6 30
O 4223	do.	Fearon-Tillotson Foundry Co.....	Grates.....	32 75
O 4224	do.	Remington Typewriter.....	Ribbon coupons.....	13 50
O 4225	do.	John Becker.....	Guinea pigs.....	2 00
O 4226	do.	Western Educational Advertising Agency.....	Advertising.....	25 00
O 4227	do.	L. S. Manly.....	Corpuscles.....	1 00
O 4228	do.	The Arthur H. Thomas Co.....	Laboratory supplies.....	2 87
O 4229	do.	American Sand & Gravel Co.....	Sand.....	1 75
O 4230	do.	Pittsburgh Plate Glass Co.....	Lights.....	1 70
O 4231	do.	Spencer Lens Co.....	Belgian hone.....	2 48
O 4232	do.	Scheidel Western X Ray Coil Co.....	Glass.....	11 90
O 4233	do.	Illinois Electric Co.....	Fuses.....	1 80
O 4234	do.	Scully Steel & Iron Co.....	Building material.....	6 28
O 4235	do.	Joseph Klena.....	Services.....	22 00
O 4236	do.	C. A. Kiler.....	General supplies.....	88 95
O 4237	do.	University of Illinois Supply Store.....	Office supplies.....	32 35
O 4238	do.	The Western Electric Co.....	Fuse wire.....	67 25
O 4239	do.	Woldenberg & Schaar.....	Laboratory apparatus.....	157 50
O 4240	do.	R. H. Sargent & Co.....	Laboratory supplies.....	28 32
O 4241	do.	Illinois State Reformatory.....	Printing.....	49 70
O 4242	do.	Taylor Hardware Co.....	Laboratory apparatus.....	10 05
O 4243	do.	The Burr Co.....	Laboratory supplies.....	7 95
O 4244	do.	F. K. Robeson.....	General supplies.....	5 80
O 4245	do.	Flanigan-Pearson Co.....	Bulletins.....	79 27
O 4246	do.	John H. Doyle.....	General supplies.....	9 14



## OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1914			
O 4247	Nov. 30	F. M. Leslie.	Blue printing.	\$ 16 65
O 4248	do.	White Line Steam Laundry.	Laundry.	3 30
O 4249	do.	Alexander Lumber Co.	General supplies.	1 33
O 4250	do.	A. S. Nelson & Sons.	Food supplies.	1 30
O 4251	do.	Bacon Bros.	General supplies.	1 20
O 4252	do.	Eisner Grocery Co.	do.	2 26
O 4253	do.	Stonington Coal Co.	Coal.	289 20
O 4254	do.	Standard Oil Co.	Oil.	1 44
O 4255	do.	G. R. Grubb & Co.	Zinc etching.	1 00
O 4256	do.	Hall Hardware Co.	General supplies.	42 79
O 4257	do.	Automatic Electric Co.	Electrical supplies.	5 19
O 4258	do.	Geo. B. Carpenter & Co.	Leather.	16 83
O 4259	do.	The Standard Calorimeter Co.	Thermometers.	24 92
O 4260	do.	Urbana Courier-Herald.	Printing.	5 00
O 4261	do.	B. A. Strauch.	Blue printing.	5 25
O 4262	do.	McIntosh Stereopticon Co.	Apparatus repairs.	1 55
O 4263	do.	Twin City Roofing Co.	Iron circles.	3 90
O 4264	do.	Stipes & Hecker.	Lime.	2 30
O 4265	do.	H. I. Carpenter.	Tuning piano.	2 00
O 4266	do.	University Club of Urbana & Champaign.	Traveling expenses.	2 20
O 4267	do.	Victor E. Shelford.	do.	2 05
O 4268	do.	C. C. Logan.	do.	13 78
O 4269	do.	S. V. Holt.	do.	62 90
O 4270	do.	F. W. Garrett.	do.	32 07
O 4271	do.	H. J. Snider.	do.	17 53
O 4272	do.	Olive B. Percival.	Services.	90 00
O 4273	do.	A. C. Rice.	Traveling expenses.	8 10
O 4274	do.	C. E. Percival.	Services.	10 00
O 4275	do.	J. D. White.	Stamped envelopes.	110 00
O 4276	do.	E. E. Hoskins.	Traveling expenses.	18 75
O 4277	do.	H. C. Wheeler.	do.	41 16
O 4278	do.	P. D. Long.	Field work.	40 00
O 4279	do.	E. R. Green.	do.	19 60
O 4280	do.	F. W. Wascher.	Traveling expenses.	39 10
O 4281	do.	H. W. Blaney.	do.	9 25
O 4282	do.	August Geweke.	do.	10 24
O 4283	do.	A. J. Gunderson.	do.	4 40
O 4284	do.	Geo. W. Weyhrich.	Live stock.	250 00
O 4285	do.	The Tablet & Ticket Co.	Block letters.	11 30
O 4286	do.	General Chemical Co.	Laboratory supplies.	37 08
O 4287	do.	Champaign Bottling Works.	Carbon dioxide.	6 00
O 4288	do.	Henry Heil Chemical Co.	Glass cylinders.	15 00
O 4289	do.	Norton Co.	Laboratory supplies.	34 00
O 4290	do.	Chas. A. Strelinger Co.	General supplies.	1 36
O 4291	do.	The Thermal Syndicate.	Flasks.	13 23
O 4292	do.	National Engraving Co.	Zinc etchings.	44 20
O 4293	do.	F. W. Devoe & C. T. Raynolds Co.	General supplies.	31 30
O 4294	do.	Baker & Co.	Platinum wire.	12 97
O 4295	do.	Bausch & Lomb Optical Co.	Furnace doors.	9 00
O 4296	do.	Sloan Valve Co.	Valve.	10 98
O 4297	do.	Indianapolis Paint & Color Co.	Paint.	57 50
O 4298	do.	E. G. Soltmann.	Crayons.	2 15
O 4299	do.	J. G. O'Neill.	General supplies.	8 50
O 4300	do.	Colonial Works.	Paint.	54 70
O 4301	do.	The Garlock Packing Co.	Garlock rings.	2 78
O 4302	do.	J. L. Fidler Motor Co.	Tubes.	8 05
O 4303	do.	The Industrial Instrument Co.	Repair work.	5 50
O 4304	do.	Manhattan Electrical Supply Co.	Cord.	2 03
O 4305	do.	Sears, Roebuck & Co.	Mousses.	11 20
O 4306	do.	The Everhart Brass Works.	General supplies.	3 61
O 4307	do.	Stoltey's Garage.	Chains.	13 50
O 4308	do.	R. C. Wagner & Son.	Team and labor.	15 50
O 4309	do.	Harris & Mead.	Laboratory supplies.	7 50
O 4310	do.	The Plant World.	do.	16 25
O 4311	do.	Dodge Mfg. Co.	Pulleys.	9 12
O 4312	do.	The C. H. Hanson Co.	Key checks.	6 29
O 4313	do.	Mandel Brothers.	General supplies.	19 49
O 4314	do.	Geo. H. Bishop Co.	Pruning saws.	2 02
O 4315	do.	J. Bowman.	General supplies.	2 16
O 4316	do.	Marks & Fuller.	Lantern slides.	3 00
O 4317	do.	Nathan R. Graves.	Blue printing.	6 00
O 4318	do.	Central Electric Co.	Incidental.	2 04
O 4319	do.	Thomas D. Cutler.	Magazine.	1 00
O 4320	do.	Journal of Parasitology.	Journal.	2 00
O 4321	do.	Chicago Dairy Produce.	Magazine.	5 00
O 4322	do.	Merchants Transfer & Storage Co.	Freight.	5 72
O 4323	do.	Burley & Tyrrell Co.	Laboratory apparatus.	210 90
O 4324	do.	Chas. Black.	General supplies.	20 00

## OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
1914				
O 4325	Nov. 30	Universal Portland Cement Co.	Cement.	\$ 27 70
O 4326	do.	Chas. E. Prentice.	General supplies.	24 50
O 4327	do.	J. M. Hanson Bennett Magazine Agency.	Magazine.	18 75
O 4328	do.	Urbana & Champaign R., Gas & Electric Co.	Electric current.	1,492 02
O 4329	do.	R. C. Wagner & Son.	Teaming.	629 00
O 4330	do.	N. F. Peirce.	Lime.	14 51
O 4331	do.	Stillwell Cold Storage Co.	Freight.	55 66
O 4332	do.	Reliable Plumbing & Heating Co.	Soil pipes.	13 14
O 4333	do.	O. E. Staples, Bursar.	Student labor.	308 57
O 4334	do.	O. E. Staples, Bursar.	General labor.	765 81
O 4335	do.	O. E. Staples, Bursar.	do.	155 48
O 4336	Dec. 3	Frank A. Pearson.	Traveling expenses.	10 77
O 4337	do.	A. A. Hill.	do.	5 26
O 4338	do.	R. W. Dickenson.	do.	58 57
O 4339	do.	F. W. Wascher.	do.	19 80
O 4340	do.	F. W. Kessinger.	Field work.	33 25
O 4341	do.	John Berlin.	do.	143 75
O 4342	do.	Wm. Sweatmen.	do.	216 30
O 4343	do.	J. W. Smith.	do.	107 16
O 4344	do.	Frank Morgan.	do.	35 75
O 4345	do.	Harry C. Gilkerson.	Traveling expenses.	16 66
O 4346	do.	A. N. Abbott.	do.	14 77
O 4347	do.	O. S. Fisher.	do.	102 37
O 4348	do.	H. J. Snider.	do.	23 29
O 4349	do.	Jacob Ten Boer.	Field work.	30 10
O 4350	do.	O. M. Allyn.	Traveling expenses.	82 82
O 4351	do.	S. A. Courtis.	do.	75 95
O 4352	do.	T. W. Galloway.	do.	3 60
O 4353	do.	Arthur F. Payne.	do.	3 56
O 4354	do.	Florence Harrison.	do.	2 30
O 4355	do.	Alice Troganza.	do.	2 40
O 4356	do.	E. H. Taylor.	do.	5 55
O 4357	do.	L. C. Lord.	do.	7 20
O 4358	do.	P. M. Watson.	do.	2 36
O 4359	do.	A. F. Trama.	do.	5 80
O 4360	do.	R. L. Modessitt.	do.	2 20
O 4361	do.	Hotel Beardsley.	do.	8 00
O 4362	do.	F. D. Barber.	do.	2 00
O 4363	do.	F. W. Johnson.	do.	4 92
O 4364	do.	Frances W. Morehouse.	do.	2 21
O 4365	do.	Lora Henion.	do.	3 50
O 4366	do.	W. L. Goble.	do.	6 57
O 4367	do.	E. T. Austin.	do.	9 44
O 4368	do.	W. F. Rice.	do.	6 00
O 4369	do.	E. V. Latham.	do.	4 04
O 4370	do.	Grace L. King.	do.	7 23
O 4371	do.	A. Kengott.	do.	11 24
O 4372	do.	E. R. Breslich.	do.	5 04
O 4373	do.	Sarah E. Sheehan.	do.	3 00
O 4374	do.	Laura B. Woodruff.	do.	5 04
O 4375	do.	L. C. Irwin.	do.	6 54
O 4376	do.	O. C. Clevenger.	Labor.	146 70
O 4377	do.	W. F. Handschin.	Traveling expenses.	8 50
O 4378	do.	Martin J. Prucha.	do.	22 69
O 4379	do.	E. W. Bailey.	do.	7 65
O 4380	do.	H. A. deWerff.	do.	52 48
O 4381	do.	C. F. Goodman.	do.	79 35
O 4382	do.	W. H. Smith.	do.	17 83
O 4383	do.	Wilson Bros.	Labor.	36 00
O 4384	do.	Irving-Pitt Mfg. Co.	General supplies.	5 64
O 4385	do.	A. C. McClurg & Co.	do.	5 58
O 4386	do.	J. M. Hanson Bennett Agency.	do.	10 00
O 4387	do.	C. W. Davis.	Stone sills.	7 92
O 4388	do.	Paxton Mfg. Co.	Typewriter cushions.	6 00
O 4389	do.	Chas. A. Ellis.	Traveling expenses.	24 04
O 4390	do.	S. O. Andros.	do.	5 15
O 4391	do.	H. H. Stoek.	do.	14 94
O 4392	do.	Library Bureau.	White cards.	162 75
O 4393	do.	H. W. Blaney.	Traveling expenses.	20 52
O 4394	Dec. 4	Pay roll.	December, 1914.	50 00
		Beadles, Jessie R.	Salary.	\$ 50 00
O 4395	do.	Pay roll.	November, 1914.	55 00
		Briggs, Evelyn L.	Salary.	55 00
O 4396	do.	Pay roll.	December, 1914.	8,559 95
		Alexander, Lilla M.	Salary.	65 00
		Alley, W. E.	do.	100 00
		Amos, Winifred.	do.	75 00

## OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
O 4396 Ctd.	1914 Dec. 4	Atkinson, C. E.	Salary	\$141 66
		Beyer, Melinda	do.	75 00
		Blackwell, Mary	do.	60 00
		Boice, L. A.	do.	125 00
		Bowen, Evalena	do.	65 00
		Briggs, Evelyn L.	do.	55 00
		Broadhurst, Tabitha J.	do.	75 00
		Brown, Ina M.	do.	65 00
		Brownfield, Lelah	do.	50 00
		Bryan, Sarah E.	do.	75 00
		Buckler, Helen I.	do.	60 00
		Buckles, Mildred E.	do.	65 00
		Burt, Ruth	do.	50 00
		Cover, Hazel W.	do.	60 00
		Crawford, C. C.	do.	65 00
		Cunningham, H. E.	do.	166 66
		Custer, Emma L.	do.	75 00
		Dalton, C. E.	do.	50 00
		Davis, Vera M.	do.	50 00
		Durfee, Franc A.	do.	50 00
		Emigh, Edith	do.	70 00
		Feldkamp, Amelia	do.	55 00
		Fieg, Robert J.	do.	50 00
		Flattery, Amanda H.	do.	65 00
		Fraser, Viola C.	do.	70 00
		Galpin, Stella	do.	70 00
		Garwood, Frances	do.	50 00
		Glenn, Eleanor	do.	50 00
		Goetz, Antoinette N.	do.	70 00
		Goodspeed, W. S.	do.	90 00
		Gordon, Marie A.	do.	55 00
		Grubbe, Florence H.	do.	65 00
		Griffith, Mabel F.	do.	70 00
		Halliday, Mabel	do.	60 00
		Hamilton, Mrs. Alice V.	do.	100 00
		Hawgood, Helen A.	do.	70 00
		Hay, Nathaniel	do.	166 66
		Hayes, James B.	do.	95 00
		Hayes, Margaret L.	do.	50 00
		Hayward, Nellie	do.	50 00
		Heater, Myrtle	do.	60 00
		Houchens, Josie B.	do.	83 33
		Hull, A. H.	do.	65 00
		Humrichouse, Katie L.	do.	50 00
		Jay, Edith L.	do.	50 00
		Johnson, Gertrude E.	do.	60 00
		Kern, Floy	do.	40 00
		Kirwin, Nora	do.	55 00
		Knapp, Aurella	do.	75 00
		Knorr, Lynn E.	do.	150 00
		Lamb, Allie	do.	55 00
		Lee, Albert R.	do.	100 00
		Leitz, Louise A.	do.	40 00
		Love, Mary E.	do.	65 00
		Luther, Cornelia M.	do.	45 00
		McConn, Charles M.	do.	250 00
		McGurty, Agnes	do.	83 33
		McIntire, W. A.	do.	50 00
		Manley, Verna	do.	50 00
		Manspeaker, Lotta M.	do.	83 33
		Merchant, Donna B.	do.	50 00
		Meseck, Rudolph	do.	65 00
		Miles, Lois M.	do.	70 00
		Millar, Mary	do.	70 00
		Miller, C. F.	do.	90 00
		Morey, Lloyd	do.	125 00
		Morrow, J. A.	do.	166 66
		Nagle, Sybil	do.	50 00
		Nyberg, Florence A.	do.	50 00
		Packard, Bessie	do.	75 00
		Peel, Thomas	do.	60 00
		Pergande, Robert	do.	95 00
		Phelps, Vergil V.	do.	166 66
		Post, Frederick	do.	75 00
		Postlewait, Harriet L.	do.	55 00
		Powell, Burt E.	do.	191 66
		Putnam, Persis	do.	75 00
		Rein, Lillian	do.	50 00

## OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
O 4396	1914 Dec. 4	Renz, Myrtle.....	Salary.....	\$ 75 00
Cld.		Reesler, Milton.....	do.....	80 00
		Ricketts, Clara A.....	do.....	65 00
		Riggs, Bess.....	do.....	35 00
		Robertson, Nellie.....	do.....	70 00
		Rogers, Della M.....	do.....	40 00
		Ross, Anne.....	do.....	50 00
		Scanlan, Mary.....	do.....	60 00
		Scott, Bertha M.....	do.....	50 00
		Sharp, Bertha L.....	do.....	60 00
		Shaw, Hazel Y.....	do.....	65 00
		Shepard, Anna L.....	do.....	100 00
		Sinnock, Julia.....	do.....	50 00
		Slater, Sarah M.....	do.....	60 00
		Smith, Ira M.....	do.....	125 00
		Smith, Mayme V.....	do.....	65 00
		Staples, O. E.....	do.....	150 00
		States, Bertha G.....	do.....	50 00
		Steitz, Alfred.....	do.....	85 00
		Stevens, Sabra.....	do.....	75 00
		Thompson, M. E.....	do.....	90 00
		Tuttle, George P., Jr.....	do.....	100 00
		Vaubel, Daniel.....	do.....	60 00
		Voight, Lida E.....	do.....	100 00
		Walsh, Ethel M.....	do.....	50 00
		Wheeler, H. H.....	do.....	70 00
		White, Loretta K.....	do.....	70 00
		Winchester, B. L.....	do.....	50 00
		Wyninger, H. T.....	do.....	60 00
		Ellis, E. R.....	do.....	50 00
		Harper, Julia.....	do.....	65 00
		Loniuss, J. O.....	do.....	90 00
		Vanderbeck, H. J.....	do.....	65 00
O 4397	..do....	Pay roll.....	December, 1914.....	\$88,122 50
		Filbey, E. J.....	Salary.....	\$ 183 33
		James, Edmund J.....	do.....	1,000 00
		Frazer, George E.....	do.....	333 33
		Fair, Sue M.....	do.....	80 00
		Warnock, A. R.....	do.....	150 00
		Clark, T. A.....	do.....	500 00
		Strong, Lillian.....	do.....	50 00
		Kyle, Martha J.....	do.....	166 66
		Huff, G. A.....	do.....	416 66
		Manley, E. J.....	do.....	100 00
		Jones, R. R.....	do.....	120 00
		Gill, Harry.....	do.....	220 00
		Fargo, E. N.....	do.....	166 66
		Moulton, Gertrude.....	do.....	133 33
		Brooks, Verna.....	do.....	100 00
		Osmond, Edith G.....	do.....	90 00
		Hughitt, Anna L.....	do.....	110 00
		Shoemaker, Dorothy Ruth.....	do.....	80 00
		Gaut, Rosa Lee.....	do.....	50 00
		Jackson, Mabel.....	do.....	20 00
		Webster, F. D.....	do.....	48 00
		Hollister, H. A.....	do.....	270 83
		Didcock, J. J.....	do.....	133 33
		Eldredge, A. G.....	do.....	250 00
		Bollman, Minnie J.....	do.....	32 50
		Breedis, John.....	do.....	18 00
		Britton, F. E.....	do.....	40 00
		Christy, Glen.....	do.....	18 00
		Craig, Jennie A.....	do.....	80 00
		Drury, F. K. W.....	do.....	200 00
		Dunlap, Fannie.....	do.....	65 00
		Felsenthal, Emma.....	do.....	83 33
		Fontaine, E. O.....	do.....	36 00
		Gibson, Mable.....	do.....	27 50
		Goulding, F. S.....	do.....	166 66
		Graves, C. E.....	do.....	100 00
		Herdman, Margaret.....	do.....	75 00
		Hubbard, Marie.....	do.....	27 50
		Hutchins, Margaret.....	do.....	32 33
		Janvrin, C. E.....	do.....	41 66
		Johnson, Alice.....	do.....	83 33
		Jutton, Emma.....	do.....	108 33
		Leatherman, Marion.....	do.....	75 00
		Patton, Adah.....	do.....	91 66

## OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
O 4397 Ctd.	1914 Dec. 4	Torrance, Mary C.....	Salary.....	\$ 75 00
		Troy, Mary Z.....	do.....	65 00
		Windsor, P. L.....	do.....	291 66
		Conat, Mabel.....	do.....	65 00
		England, Grace.....	do.....	65 00
		Erwin, Elizabeth.....	do.....	30 00
		Eppinger, J. G.....	do.....	36 00
		Williams, Margaret.....	do.....	48 00
		Baechtold, Elsie.....	do.....	48 00
		Wyeth, Ola M.....	do.....	80 00
		Price, M. A.....	do.....	70 00
		Wood, H. T.....	do.....	30 00
		Roberts, Nellie.....	do.....	32 50
		Hester, Elizabeth.....	do.....	69 00
		Signor, Nelle.....	do.....	32 50
		Davenport, Eugene.....	do.....	500 00
		Checkley, J. H.....	do.....	100 00
		Jamison, A. W.....	do.....	166 66
		Miller, W. P.....	do.....	50 00
		Nolan, A. W.....	do.....	200 00
		Rankin, F. H.....	do.....	291 66
		Allyn, Orr.....	do.....	100 00
		Aumer, J. P.....	do.....	150 00
		Bauer, F. C.....	do.....	150 00
		Binding, L. R.....	do.....	100 00
		Brunson, A. M.....	do.....	83 33
		Burlison, W. L.....	do.....	116 66
		Clevenger, C. B.....	do.....	83 33
		Dickenson, R. W.....	do.....	100 00
		Dickerson, I. W.....	do.....	150 00
		Eckblaw, K. J. T.....	do.....	150 00
		Ellis, O. I.....	do.....	83 33
		Fahrnkopf, H. F. T.....	do.....	83 33
		Fisher, F. A.....	do.....	116 66
		Fisher, O. S.....	do.....	208 33
		Garrett, F. W.....	do.....	116 66
		Gentle, G. E.....	do.....	83 33
		Gernert, W. B.....	do.....	150 00
		Gilkerson, H. C.....	do.....	83 33
		Gustafson, A. F.....	do.....	175 00
		Holt, S. V.....	do.....	150 00
		Hoskins, E. E.....	do.....	150 00
		Leighty, W. R.....	do.....	116 66
		Logan, C. C.....	do.....	150 00
		Mosier, J. G.....	do.....	291 66
		Niederman, Gertrude.....	do.....	100 00
		Pettit, J. H.....	do.....	125 00
		Sachs, W. H.....	do.....	150 00
		Schoonover, W. R.....	do.....	83 33
		Smith, L. H.....	do.....	291 66
		Snider, H. J.....	do.....	83 33
		Stewart, H. W.....	do.....	150 00
		VanAlstine, E. D.....	do.....	175 00
		Walworth, E. H.....	do.....	83 33
		Wascher, F. M. W.....	do.....	116 66
		Wheeler, H. C.....	do.....	150 00
		Whiting, A. L.....	do.....	150 00
		Hopkins, C. G.....	do.....	416 66
		Reed, C. O.....	do.....	116 66
		Jahr, M. E.....	do.....	133 33
		Ebersol, E. T.....	do.....	50 00
		Newell, C. R.....	do.....	100 00
		Torgerson, E. F.....	do.....	70 00
		deWerff, H. A.....	do.....	70 00
		Barto, D. O.....	do.....	200 00
		Bull, Sleeter.....	do.....	150 00
		Carmichael, W. J.....	do.....	116 66
		Coffey, W. C.....	do.....	266 66
		Detleison, J. A.....	do.....	200 00
		Edmunds, J. L.....	do.....	208 33
		Grindley, H. S.....	do.....	291 66
		Mitchell, H. H.....	do.....	141 66
		Mumford, H. W.....	do.....	416 66
		Newlin, C. I.....	do.....	108 33
		Handschin, W. F.....	do.....	62 50
		Rusk, H. P.....	do.....	208 33
		Smith, W. H.....	do.....	141 66
		Yoke, J. J.....	do.....	100 00

## OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
O 4397 Ctd.	1914 Dec. 4	Roberts, Elmer .....	Salary .....	\$100 00
		Whisenand, J. W. ....	do .....	41 66
		Harper, Claude .....	do .....	83 33
		Andrews, J. B. ....	do .....	100 00
		Keith, Mary H. ....	do .....	108 33
		Shiner, R. T. ....	do .....	70 00
		Baumgartner, H. C. ....	do .....	70 00
		Hepburn, N. W. ....	do .....	208 33
		Brand, R. E. ....	do .....	175 00
		Crandall, W. T. ....	do .....	150 00
		Fraser, W. J. ....	do .....	291 66
		Harding, H. A. ....	do .....	416 66
		Hulce, R. S. ....	do .....	133 33
		Keller, O. A. ....	do .....	100 00
		Lang, L. R. ....	do .....	175 00
		Ruehe, H. A. ....	do .....	141 66
		Weeter, H. M. ....	do .....	83 33
		Yapp, W. W. ....	do .....	100 00
		Nevens, W. B. ....	do .....	75 00
		Allen, P. W. ....	do .....	66 66
		Turner, Frank .....	do .....	75 00
		Becker, Georgia .....	do .....	65 00
		Allison, I. D. ....	do .....	150 00
		Aust, F. A. ....	do .....	116 66
		Blair, J. C. ....	do .....	416 66
		Colby, A. S. ....	do .....	60 00
		Dornor, H. B. ....	do .....	250 00
		Durst, C. E. ....	do .....	150 00
		Gardner, J. J. ....	do .....	166 66
		Gunderson, A. J. ....	do .....	1 66
		Hoffman, R. W. ....	do .....	83 33
		Hutchison, James .....	do .....	100 00
		Lloyd, J. W. ....	do .....	291 66
		Miller, Wilhelm .....	do .....	250 00
		Muncie, F. W. ....	do .....	100 00
		Peltier, G. L. ....	do .....	133 33
		Pickett, B. S. ....	do .....	250 00
		Rees, C. C. ....	do .....	50 00
		Robinson, C. M. ....	do .....	100 00
		Root, R. R. ....	do .....	208 33
		Ruth, W. A. ....	do .....	150 00
		Smith, F. A. C. ....	do .....	125 00
		Watkins, O. S. ....	do .....	175 00
		Evans, F. N. ....	do .....	150 00
		Blaney, H. W. ....	do .....	116 66
		Brown, H. D. ....	do .....	70 00
		Englis, D. T. ....	do .....	60 00
		Miles, L. E. ....	do .....	41 66
		VanKleck, J. R. ....	do .....	83 33
		Deal, Edwin .....	do .....	41 66
		Hecht, August .....	do .....	70 00
		Bevier, Isabel .....	do .....	250 00
		Goldthwaite, Nellie .....	do .....	208 33
		Gray, Cora E. ....	do .....	116 66
		Harrison, Florence .....	do .....	116 66
		Parsons, Maude .....	do .....	125 00
		Seymour, Lucene .....	do .....	150 00
		Wheeler, Ruth .....	do .....	141 66
		Gray, Greta E. ....	do .....	108 33
		Fleming, Georgia .....	do .....	100 00
		Stevens, Grace .....	do .....	108 33
		Bunch, Mamie .....	do .....	166 66
		Williams, Anna W. ....	do .....	100 00
		Stanton, Margaret .....	do .....	116 66
		McIntosh, Donald .....	do .....	208 33
		Ash, Percy .....	do .....	208 33
		Clark, C. R. ....	do .....	166 66
		Provine, L. H. ....	do .....	291 66
		Ricker, N. C. ....	do .....	291 66
		Titcomb, W. C. ....	do .....	175 00
		Wells, N. A. ....	do .....	208 33
		Fanning, R. S. ....	do .....	120 00
		Foster, W. D. ....	do .....	140 00
		Jones, R. T. ....	do .....	160 00
		Corrubia, A. B. M. ....	do .....	160 00
		Wolfe, W. S. ....	do .....	110 00
		Fehrenkamp, Winifred .....	do .....	83 33
		Muehlmann, Ralph .....	do .....	140 00

## OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
O 4397 Ctd.	1914 Dec. 4	Stanton, W. M.	Salary	\$120 00
		Kellogg, J. M.	do.	150 00
		Burton, S. C.	do.	150 00
		Baker, I. O.	do.	333 33
		Bowling, B. L.	do.	83 33
		Garver, N. B.	do.	141 66
		McDaniel, A. B.	do.	229 16
		Smith, J. E.	do.	150 00
		Wiley, C. C.	do.	141 66
		Wilson, W. M.	do.	133 33
		Pickells, G. W.	do.	150 00
		Raynor, W. H.	do.	130 00
		Davis, R. E.	do.	120 00
		Ellis, C. A.	do.	264 20
		Biegler, P. S.	do.	166 66
		Brooks, Morgan	do.	250 00
		Fisk, I. W.	do.	133 33
		James, L. V.	do.	133 33
		Paine, E. B.	do.	250 00
		Waldo, E. H.	do.	166 66
		Knight, A. R.	do.	150 00
		Davis, J. W.	do.	140 00
		Moore, C. R.	do.	150 00
		Miller, H. W.	do.	183 33
		Porter, F. M.	do.	125 00
		Steward, R. K.	do.	141 66
		Rugg, H. O.	do.	150 00
		Jordan, H. H.	do.	140 00
		Crane, Rufus	do.	100 00
		Husband, R. M.	do.	30 00
		Atwell, C. A.	do.	90 00
		Benedict, B. W.	do.	291 66
		Dent, J. A.	do.	150 00
		Frisk, J. A.	do.	91 66
		Goodenough, G. A.	do.	291 66
		Harding, L. A.	do.	291 66
		Leutwiler, O. A.	do.	241 66
		Richards, C. R.	do.	479 16
		Willard, A. C.	do.	200 00
		Godeke, H. F.	do.	140 00
		Kennedy, R. E.	do.	150 00
		Waterfall, H. W.	do.	140 00
		Torrance, F. C.	do.	120 00
		Rebman, P. J.	do.	90 00
		Gross, G. A.	do.	150 00
		Frank, Edwin	do.	120 00
		Duncan, J. M.	do.	90 00
		Lanham, E. T.	do.	120 00
		McDowell, H. S.	do.	120 00
		Domonske, A. B.	do.	140 00
		Radebaugh, G. H.	do.	120 00
		Hogue, J. H.	do.	120 00
		Holbrook, E. A.	do.	208 33
		Stoek, H. H.	do.	416 66
		Callan, A. C.	do.	150 00
		Andros, S. O.	do.	175 00
		Enger, M. L.	do.	187 50
		Fleming, V. R.	do.	150 00
		Talbot, A. N.	do.	416 66
		Seeley, F. B.	do.	170 00
		Boomsliiter, G. F.	do.	170 00
		Noerenberg, C. E.	do.	170 00
		Ensign, N. E.	do.	150 00
		Babbitt, H. E.	do.	150 00
		Gardner, Harry	do.	150 00
		Vallance, Alexander	do.	140 00
		Putnam, W. J.	do.	120 00
		Carman, A. P.	do.	416 66
		Knipp, C. T.	do.	233 33
		Kunz, Jacob	do.	208 33
		Schulz, W. F.	do.	183 33
		Williams, E. H.	do.	141 66
		Watson, F. R.	do.	229 16
		Randolph, O. A.	do.	100 00
		Hyslop, W. H.	do.	95 00
		Warner, E. H.	do.	90 00
		Karrer, Sebastian	do.	75 00
		Nathanson, J. B.	do.	75 00

## OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
O 4397 Ctd.	1914 Dec. 4	Hill, C. F.	Salary	\$ 50 00
		Bayley, P. L.	do	50 00
		Jones, L. T.	do	115 00
		Buck, A. M.	do	150 00
		Comstock, A. F.	do	166 66
		Schmidt, E. C.	do	333 33
		Snodgrass, J. M.	do	183 33
		Dunn, H. H.	do	116 66
		Keller, R. B.	do	166 66
		Kratz, A. P.	do	133 33
		McFarland, D. F.	do	166 66
		Moore, H. F.	do	250 00
		Slater, W. A.	do	150 00
		Yensen, T. D.	do	133 33
		Gonnerman, H. F.	do	150 00
		Wilson, L. A.	do	116 66
		Dieckman, T. W.	do	60 00
		Belt, J. H.	do	50 00
		Montgomery, Julian	do	50 00
		Pogue, R. B.	do	50 00
		Gatward, W. A.	do	50 00
		Lichty, L. C.	do	50 00
		Lukens, W. P.	do	50 00
		Young, E. G.	do	50 00
		Laying, T. E.	do	50 00
		Draffin, J. O.	do	50 00
		Nebel, M. L.	do	50 00
		Decker, E. H.	do	291 66
		Green, Frederick	do	291 66
		Harker, O. A.	do	416 66
		Hale, W. G.	do	291 66
		Pomeroy, J. N.	do	258 33
		Vernier, C. G.	do	291 66
		Carpenter, C. E.	do	208 33
		Babcock, K. C.	do	416 66
		Miller, Eva G.	do	66 66
		Lake, E. J.	do	187 50
		Wetmore, Mary M.	do	150 00
		Bradbury, C. E.	do	140 00
		Stebbins, Joel	do	291 66
		Samuels, A. I.	do	35 00
		Reed, F. W.	do	140 00
		Sperry, J. E.	do	150 00
		Burton, L. V.	do	120 00
		Winslow, J. C.	do	54 00
		Hottes, C. F.	do	250 00
		Stevens, F. L.	do	333 33
		Trelease, William	do	416 66
		Hague, Stella M.	do	100 00
		McDougall, W. B.	do	120 00
		Parr, Rosalie	do	80 00
		Quick, B. E.	do	60 00
		Kempton, F. E.	do	60 00
		Dalbey, Nora	do	60 00
		Waggoner, H. D.	do	60 00
		Pickler, W. E.	do	30 00
		Davis, R. L.	do	30 00
		Lamkey, E. R. M.	do	60 00
		Lantz, C. W.	do	60 00
		Hursh, R. K.	do	160 00
		Stull, R. T.	do	250 00
		Danielson, R. R.	do	75 00
		Radeliffe, B. S.	do	120 00
		Williams, A. E.	do	130 00
		Balke, C. W.	do	250 00
		Derick, C. G.	do	166 66
		Noyes, W. A.	do	416 66
		Parr, S. W.	do	333 33
		Smith, G. M.	do	166 66
		Washburn, E. W.	do	291 66
		Weber, H. C. P.	do	166 66
		Allen, R. W.	do	30 00
		Anders, Paul	do	130 00
		Ball, T. E.	do	60 00
		Beal, G. D.	do	125 00
		Bissell, D. W.	do	30 00
		Braley, S. A.	do	35 00
		Broderson, H. J.	do	130 00



## OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
O 4397 Ctd.	1914 Dec. 4	Burthart, C. W. ....	Salary .....	\$ 10 00
		Charlton, E. F. ....	do .....	50 00
		Chandler, E. M. A. ....	do .....	10 00
		Cann, Jessie. ....	do .....	120 00
		Darrah, Juanita. ....	do .....	50 00
		Davidson, C. N. ....	do .....	30 00
		Davissou, B. S. ....	do .....	60 00
		Dean, P. M. ....	do .....	30 00
		Eckstein, H. C. ....	do .....	10 00
		Engle, E. W. ....	do .....	60 00
		Ford, J. T. ....	do .....	30 00
		Gerry, H. L. ....	do .....	30 00
		Hakanson, A. F. ....	do .....	10 00
		Hatfield, W. D. ....	do .....	10 00
		Hecker, C. H. ....	do .....	120 00
		Hess, R. W. ....	do .....	60 00
		Heuse, E. O. ....	do .....	120 00
		Hjort, A. M. ....	do .....	30 00
		Honovski, R. B. ....	do .....	90 00
		Hopkins, B. S. ....	do .....	125 00
		Janson, J. M. ....	do .....	10 00
		Kamm, Oliver. ....	do .....	60 00
		Karr, W. G. ....	do .....	30 00
		Kremers, H. C. ....	do .....	50 00
		Lee, H. R. ....	do .....	30 00
		Lucas, J. B. ....	do .....	30 00
		MacInnes, D. A. ....	do .....	125 00
		Manuel, W. A. ....	do .....	50 00
		Marquis, S. D. ....	do .....	35 00
		Olin, H. L. ....	do .....	120 00
		Read, J. W. ....	do .....	60 00
		Rees, E. A. ....	do .....	50 00
		Sears, G. W. ....	do .....	120 00
		Taylor, E. H. ....	do .....	35 00
		Taylor, S. C. ....	do .....	60 00
		Thorp, Lambert. ....	do .....	120 00
		Tippitt, R. W. ....	do .....	35 00
		Shepard, A. D. ....	do .....	30 00
		Skinner, G. S. ....	do .....	30 00
		Wildman, E. A. ....	do .....	60 00
		Wickers, E. ....	do .....	50 00
		Hull, S. M. ....	do .....	10 00
		Westhaefer, T. O. ....	do .....	30 00
		Valentine, H. B. ....	do .....	60 00
		MacArthur, C. G. ....	do .....	150 00
		Barbre, Clarence. ....	do .....	30 00
		Footitt, Frank. ....	do .....	10 00
		Vollweiler, E. H. ....	do .....	30 00
		Ruby, G. B. ....	do .....	10 00
		Gilmore, R. E. ....	do .....	50 00
		Brunskill, E. R. ....	do .....	10 00
		Barton, H. J. ....	do .....	29 68
		Canter, H. V. ....	do .....	208 33
		Moss, C. M. ....	do .....	259 00
		Oldfather, W. A. ....	do .....	250 00
		Pease, A. S. ....	do .....	250 00
		Bogart, E. L. ....	do .....	201 66
		Chase, W. A. ....	do .....	240 00
		Dewsnup, E. R. ....	do .....	250 00
		Litman, Simon. ....	do .....	208 33
		Robinson, M. H. ....	do .....	125 00
		Weston, N. A. ....	do .....	250 00
		Hieronimus, R. E. ....	do .....	250 00
		Hellman, R. E. ....	do .....	261 66
		Thompson, J. G. ....	do .....	200 00
		Scoville, H. T. ....	do .....	200 00
		McJohnston, H. ....	do .....	180 00
		Petersen, E. ....	do .....	60 00
		Dressen, W. H. ....	do .....	60 00
		Knight, C. K. ....	do .....	50 00
		McKenna, E. L. ....	do .....	50 00
		Leslie, H. D. ....	do .....	30 00
		Thompson, C. M. ....	do .....	191 66
		Bagley, W. C. ....	do .....	416 66
		Coffman, L. D. ....	do .....	201 66
		Johnston, C. H. ....	do .....	201 66
		Miller, W. S. ....	do .....	150 00
		Whipple, G. M. ....	do .....	229 16

## OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
O 4397 Ctd.	1914 Dec. 4	Hanger, J. W.	Salary	\$ 50 00
		Cobb, Margaret	do.	50 00
		Baldwin, E. C.	do.	175 00
		Dodge, D. K.	do.	270 83
		Fulton, Edward	do.	175 00
		Jones, H. S. V.	do.	183 33
		Paul, H. G.	do.	208 33
		Scott, F. W.	do.	200 00
		Sherman, S. P.	do.	308 33
		Woolbert, C. H.	do.	166 66
		Zeitlin, Jacob	do.	141 66
		Creek, H. L.	do.	125 00
		Whicher, G. F.	do.	120 00
		Alden, E. S.	do.	120 00
		Whitford, R. C.	do.	100 00
		Hillebrand, H. M.	do.	130 00
		Harris, L. H.	do.	120 00
		Tieje, R. E.	do.	120 00
		Jones, E. S.	do.	120 00
		Curl, M. J.	do.	140 00
		Stidson, R. O.	do.	100 00
		Harbarger, Sada	do.	190 00
		Stanley, T. B.	do.	100 00
		Sarett, L. R.	do.	100 00
		Dixon, R. E.	do.	110 00
		Beck, Clyde	do.	50 00
		Loomis, R. S.	do.	120 00
		Rinaker, Clarissa	do.	120 00
		Boyer, C. V.	do.	141 66
		Schoepperle, Gertrude	do.	116 66
		Sutcliffe, E. G.	do.	100 00
		Downs, C. S.	do.	120 00
		Phelps, J. M.	do.	100 00
		Kelso, Ruth	do.	100 00
		Buchen, W. A.	do.	150 00
		Folsom, J. W.	do.	208 33
		Forbes, S. A.	do.	83 33
		MacGillivray, A. D.	do.	250 00
		Peterson, Alvah	do.	60 00
		Glasgow, R. D.	do.	130 00
		Bayley, W. S.	do.	250 00
		Rolfe, C. W.	do.	250 00
		Savage, T. E.	do.	208 33
		DuBois, H. M.	do.	50 00
		Read, M. K.	do.	40 00
		Ross, C. S.	do.	50 00
		Rich, J. L.	do.	160 00
		Storror, James	do.	60 00
		Brooks, N. C.	do.	208 33
		Plom, G. T.	do.	233 33
		Goebel, Julius	do.	312 50
		Lessing, O. E.	do.	291 66
		Meyer, G. H.	do.	229 16
		Poor, C. M.	do.	150 00
		Williams, C. A.	do.	150 00
		Koller, A. H.	do.	140 00
		Barto, P. S.	do.	120 00
		Zucker, A. E.	do.	50 00
		Blaisdell, Daisy L.	do.	100 00
		Green, Alexander	do.	135 00
		Bloomfield, Leonard	do.	166 66
		Spindler, C. W.	do.	25 00
		Alvord, C. W.	do.	145 82
		Greene, E. B.	do.	416 66
		Larson, L. M.	do.	250 00
		Lybyer, A. H.	do.	233 33
		Robertson, W. S.	do.	208 33
		Jones, P. V. B.	do.	150 00
		Pease, T. C.	do.	125 00
		Cole, A. C.	do.	160 00
		Brush, Elizabeth	do.	100 00
		Bishop, Mildred	do.	40 00
		Mildred, J. E.	do.	60 00
		Borger, R. L.	do.	125 00
		Crathorne A. R.	do.	166 66
		Emch, Arnold	do.	187 50
		Lytile, E. B.	do.	150 00
		Miller, G. A.	do.	291 66

## OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
O 4397 Ctd.	1914 Dec. 4	Rietz, H. L. ....	Salary .....	\$158 33
		Shaw, J. B. ....	do .....	229 16
		Sisam, C. H. ....	do .....	183 33
		Townsend, E. J. ....	do .....	333 33
		Wahlin, G. E. ....	do .....	116 66
		Kempner, A. J. ....	do .....	150 00
		Denton, W. W. ....	do .....	140 00
		Chittenden, E. W. ....	do .....	140 00
		Burns, Josephine. ....	do .....	100 00
		Zels, H. C. ....	do .....	60 00
		Wilson, W. H. ....	do .....	60 00
		Hebbert, C. M. ....	do .....	60 00
		Grimes, N. C. ....	do .....	120 00
		Smith, G. W. ....	do .....	60 00
		Marshall, R. H. ....	do .....	60 00
		Burge, W. E. ....	do .....	191 66
		Beard, J. H. ....	do .....	140 00
		Nell, Alma J. ....	do .....	60 00
		Bode, B. H. ....	do .....	291 66
		Daniels, A. H. ....	do .....	333 33
		Shepherd, Queen L. ....	do .....	120 00
		Haessler, Carl. ....	do .....	100 00
		Dodd, W. F. ....	do .....	250 00
		Garner, J. W. ....	do .....	333 33
		Mathews, J. M. ....	do .....	150 00
		Story, R. M. ....	do .....	180 00
		Hanford, A. C. ....	do .....	50 00
		Bentley, Madison. ....	do .....	270 83
		DeCamp, J. E. ....	do .....	70 00
		Rogers, Sophie. ....	do .....	30 00
		Reed, H. B. ....	do .....	140 00
		Ruchnick, C. A. ....	do .....	150 00
		Carnahan, D. H. ....	do .....	225 00
		Fitz-Gerald, J. D. II. ....	do .....	225 00
		Oliver, T. E. ....	do .....	250 00
		Seymour, A. R. ....	do .....	191 66
		Carry, C. S. ....	do .....	110 00
		Eppels, Joseph. ....	do .....	100 00
		Wesenberg, T. G. ....	do .....	100 00
		Kessler, James. ....	do .....	90 00
		Allen, Louis. ....	do .....	90 00
		Moore, O. H. ....	do .....	160 00
		Blondheim, D. S. ....	do .....	166 66
		Soto, Rafael. ....	do .....	100 00
		Hayes, E. C. ....	do .....	275 00
		Hibbs, H. H. ....	do .....	120 00
		Kingsley, J. S. ....	do .....	291 66
		Smith, Frank. ....	do .....	250 00
		Ward, H. B. ....	do .....	416 66
		Van Cleave, H. J. ....	do .....	130 00
		Zeleny, Charles. ....	do .....	250 00
		Shelford, V. E. ....	do .....	166 66
		May, H. G. ....	do .....	60 00
		Green, Bessie. ....	do .....	60 00
		Linkins, R. H. ....	do .....	60 00
		Heimbarger, H. V. ....	do .....	60 00
		Chenoweth, H. E. ....	do .....	40 00
		Merrill, Harriet B. ....	do .....	40 00
		Conel, Jesse L. ....	do .....	30 00
		Magath, T. E. ....	do .....	30 00
		Higgins, G. M. ....	do .....	30 00
		Mekcal, H. E. ....	do .....	30 00
		Redwood, C. W. ....	do .....	120 00
		Baumgartner, Rachel A. ....	do .....	30 00
		Kinley, David. ....	do .....	583 33
		Russell, F. A. ....	do .....	50 00
		Scheffel, Yetta. ....	do .....	50 00
		Kile, Jessie. ....	do .....	45 00
		Hoffo, J. A. ....	do .....	45 00
		Albrecht, W. A. ....	do .....	25 00
		Babbitt, Albert. ....	do .....	25 00
		Bacon, Gertrude A. ....	do .....	25 00
		Barber, Julia. ....	do .....	25 00
		Beck, Mary L. ....	do .....	25 00
		Colvin, Esther M. ....	do .....	25 00
		Cooke, D. G. ....	do .....	25 00
		Crooker, S. J. ....	do .....	25 00
		Cutler, Floy F. ....	do .....	25 00

## OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
O 4397 Ctd.	1914 Dec. 4	Dumham, W. A.	Salary	\$ 25 00
		Elliott, Erma L.	do	25 00
		Farver, E. C.	do	25 00
		Fazel, C. S.	do	25 00
		Fisher, Fay L.	do	25 00
		Griffin, Clare E.	do	25 00
		Hamilton, C. C.	do	25 00
		Heffernan, Ruth M.	do	25 00
		Hendel, R. W. Jr.	do	25 00
		Jerdan, A. L.	do	25 00
		Jewell, Minna E.	do	25 00
		Kindred, J. E.	do	25 00
		Meier, Alice.	do	25 00
		Miller, Marie B.	do	25 00
		Myers, Odessa M.	do	25 00
		Okey, Ruth E.	do	25 00
		Owens, R. W.	do	25 00
		Palm, F. C.	do	25 00
		Pickney, L. A.	do	25 00
		Richart, F. E.	do	25 00
		Ried, E. A.	do	25 00
		Russell, Robbins.	do	25 00
		Swanson, F. C.	do	25 00
		TerKeurst, H. D.	do	25 00
		Turley, R. E.	do	25 00
		VanDoren, M. A.	do	25 00
		Watkins, Gordon.	do	25 00
		White, Lella O.	do	25 00
		Williams, Kathryn.	do	25 00
		Winkelmann, H. A.	do	25 00
		Wiseman, Esther.	do	25 00
		Young, Esther.	do	25 00
		Tinsley, R. W.	do	25 00
		Brady, St. Elmo.	do	35 00
		Burd, H. A.	do	40 00
		Clark, K. A.	do	35 00
		Clark, Helen.	do	35 00
		Debel, N. H.	do	35 00
		Elliott, J. A.	do	35 00
		Garman, Philip.	do	35 00
		Hanson, F. B.	do	35 00
		Harder, O. E.	do	35 00
		Holley, O. E.	do	40 00
		Howard, J. W.	do	35 00
		Kernal, M. J.	do	35 00
		Lamb, B. F.	do	35 00
		MacFarlane, Wallace.	do	40 00
		Mosher, Edna.	do	45 00
		Pasmore, D. F.	do	35 00
		Rutledge, George.	do	50 00
		Sabin, Ethel E.	do	35 00
		Scholl, Clarence.	do	35 00
		Stevens, W. E.	do	35 00
		Streeter, F. B.	do	40 00
		Stunkard, H. W.	do	35 00
		Watson, Minnie E.	do	40 00
		Wells, M. M.	do	40 00
		Wright, Quincy.	do	45 00
		Wyatt, F. A.	do	40 00
		Young, L. E.	do	50 00
		Stewart, C. L.	do	45 00
		Weiland, H. J.	do	50 00
		Kirshman, J. E.	do	40 00
		Bond, Ethel.	do	83 33
		Curtis, Florence.	do	133 33
		Reece, E. J.	do	133 33
		Simpson, Frances.	do	166 66
		Penrose, Alma.	do	75 00
		Schwartz, G. F.	do	183 33
		Smith, Constance Barlow.	do	166 66
		Van den Berg, H. J.	do	180 00
		Nasmyth, H. D.	do	170 00
		Morphy, E. W.	do	170 00
		Townsend, L. L.	do	120 00
		Kirkup, Florence.	do	100 00
		Treat, Edna L.	do	100 00
		Simon, Anna.	do	100 00
		Erb, J. L.	do	250 00

## OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
O 4397	1914 Dec. 4	Harding, A. A.	Salary	\$180 00
Cld.		Bartow, Edward	do	166 66
		Hanford, W. W.	do	60 00
		Hinds, M. E.	do	70 00
		Mohlman, F. W.	do	70 00
		Tanner, F. W.	do	70 00
		Day, W. B.	do	208 33
		Snow, C. M.	do	150 00
		Gathercoal, E. N.	do	108 33
		Eicher, B. L.	do	83 33
		Colson, H. D.	do	83 33
		Fantus, Bernard	do	16 66
		Lynn, E. V.	do	150 00
O 4398	do.	Chicago Medical Book Co.	Books	\$ 6 30
O 4399	do.	The Burr Co.	Laboratory supplies	23 85
O 4400	do.	University Press	Printing	25 55
O 4401	do.	University of Illinois Supply Store.	Books	7 21
O 4402	do.	The Letter Shop	Printing	19 45
O 4403	do.	Percival & Moorehead	General supplies	9 85
O 4404	do.	Woldenberg & Schaar	Laboratory supplies	27 75
O 4405	do.	Eugene Dietzgen Co.	do	7 47
O 4406	do.	Taylor Hardware Co.	General supplies	4 25
O 4407	do.	Illinois State Reformatory	Printing	39 05
O 4408	do.	Frank Zercher	Labor	27 55
O 4409	do.	Ross-Zim Drug Co.	General supplies	2 65
O 4410	do.	Fuller & Fuller Co.	Laboratory supplies	4 36
O 4411	do.	AnSCO Co.	General supplies	9 46
O 4412	do.	H. C. Taylor	Labor	70 30
O 4413	do.	C. C. Short	Barrel header	1 00
O 4414	do.	G. C. Willis	Bowls and pans	1 72
O 4415	do.	Eastman Kodak Co.	Blue printing	6 40
O 4416	do.	White Line Steam Laundry	Laundry	125 67
O 4417	do.	Twin City Roofing Co.	Repair leaks	13 13
O 4418	do.	Walker & Mulliken	Shades	1 00
O 4419	do.	Watson Faulkner	Carbolic acid	12 00
O 4420	do.	Barnhart Bros.	Laboratory supplies	7 90
O 4421	do.	Standard Oil Co.	Engine oil	2 37
O 4422	do.	Hunter Rourke & Co.	Lumber	9 75
O 4423	do.	Commercial Telephone & Telegraph Co.	Toll	7 45
O 4424	do.	Ralph Dunn	Wheat	55 08
O 4425	do.	Haller-Cunningham Electric Co.	Galena detector	4 00
O 4426	do.	The Garlock Packing Co.	Garlock packing	61 69
O 4427	do.	McMaster-Carr Supply Co.	Plungers	13 40
O 4428	do.	Illinois Engineering Co.	Unions and valves	9 45
O 4429	do.	Crane Co.	General supplies	7 32
O 4430	do.	R. C. Wagner & Son	Labor	20 00
O 4431	do.	Mary E. Hall	Traveling expenses	16 44
O 4432	do.	C. C. Logan	do	20 73
O 4433	do.	S. V. Holt	do	53 90
O 4434	do.	C. G. Hopkins	do	6 94
O 4435	do.	J. R. Van Kleeck	do	39 54
O 4436	do.	A. W. Nolan	do	12 89
O 4437	do.	F. W. Muncie	do	15 09
O 4438	do.	W. C. Coffey	do	98 18
O 4439	do.	R. R. Manley	do	22 94
O 4440	do.	W. S. Ferrine	do	7 55
O 4441	do.	Chas. C. Rees	do	14 44
O 4442	do.	Frank Turner	do	14 58
O 4443	do.	The Hispanic Society of America	Books	12 58
O 4444	do.	American Steel Foundries	Rollers	9 60
O 4445	do.	B. E. Spalding	Oil	6 00
O 4446	do.	B. S. Pickett	Apples	17 50
O 4447	do.	B. F. Stevenson & Son	Food stuffs	1 33
O 4448	do.	D. T. Dobbins	Feeding stuffs	5 20
O 4449	do.	Champaign Seed Co.	do	13 35
O 4450	do.	Defender Photo Supply Co.	General supplies	5 50
O 4451	do.	Sweet Wallach & Co.	do	3 25
O 4452	do.	Jos. W. Hays	Books	1 00
O 4453	do.	Powers & Powers	Hydra	10 00
O 4454	do.	Frank M. Perry	Labor	9 25
O 4455	do.	Neostyle Co.	Office supplies	1 75
O 4456	do.	Whitall Tatum Co.	Tablet machine	9 72
O 4457	do.	The Journal of Infectious Diseases	Subscription	5 00
O 4458	do.	Siegel, Cooper & Co.	Fruit jars	4 68
O 4459	do.	American Yorkshire Club	Certificate of transfers	1 50
O 4460	do.	Geo. Agle & Sons	Hay	241 70
O 4461	do.	Star & Crescent Milling Co.	Feeding stuffs	595 00
O 4462	do.	Acme Harvester Machine Co.	Clover bunchers	11 73

## OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
1914				
O 4463	Dec. 4	Vaughans Seed Store	General supplies	\$ 2 10
O 4464	do.	Iowa Gate Co.	Gates	128 17
O 4465	do.	Merck & Co.	Methylene	16 65
O 4466	do.	The Licene Co.	Licene	6 25
O 4467	do.	D. McNeill	Sand soil	5 00
O 4468	Dec. 5	P. S. Campbell	Printing	12 25
O 4469	do.	Reliable Plumbing & Heating Co.	Pipes	26 08
O 4470	do.	Illinois Glass Co.	Test tubes	42 53
O 4471	do.	Semet-Solvay Co.	Calcium chloride	7 13
O 4472	do.	Commercial Telephone & Telegraph Co.	Toll	4 00
O 4473	do.	Elmer Musgrove	Field work	173 40
O 4474	do.	McIntosh Stereopticon Co.	Lenses	5 40
O 4475	do.	Wadsworth-Howland Co.	Polish	5 88
O 4476	do.	C. H. Besly & Co.	General supplies	4 13
O 4477	do.	P. & F. Corbin	Pulleys	5 92
O 4478	do.	Bausch & Lomb Optical Co.	Laboratory supplies	55 08
O 4479	do.	University of Illinois Supply Store	Films and brushes	6 12
O 4480	do.	Brownell Improvement Co.	Crushed stone	23 17
O 4481	do.	B. E. Spalding	General supplies	2 00
O 4482	do.	Eisner Grocery Co.	Salt	1 30
O 4483	do.	F. K. Robeson	Muslin	11 72
O 4484	do.	Champaign Bottling Works	Carbon dioxide	2 00
O 4485	do.	The Frederick Post Co.	Sepia paper	1 32
O 4486	do.	Arthur Haynes	Repair work	2 50
O 4487	do.	T. G. Fenton	do	6 00
O 4488	do.	Portland Cement Products Co.	General supplies	146 14
O 4489	do.	Corbin Cabinet Lock Co.	Padlocks	13 45
O 4490	do.	J. C. Gabel & Co.	Aluminum	5 44
O 4491	do.	H. I. Carpenter	Piano tuning	8 75
O 4492	do.	G. C. Willis	Towels	8 01
O 4493	do.	W. C. Cooper	Sundries	12 95
O 4494	do.	University Press	Printing	16 25
O 4495	do.	Cunningham Brothers	General supplies	2 60
O 4496	do.	Champaign Steam Laundry	Laundry	4 01
O 4497	do.	Champaign Seed Co.	Bone meal and charcoal	19 75
O 4498	do.	Alexander Lumber Co.	Building paper	8 40
O 4499	do.	Leavitt Mfg. Co.	Coke	17 84
O 4500	do.	General Refractories Co.	Fire clay	4 13
O 4501	do.	The W. S. Tyler Co.	Phos bronze	49 51
O 4502	do.	The New Process Gear Corp.	Pinion	5 10
O 4503	do.	The Wadsworth Core Machine & Equipment Co.	Screws	3 30
O 4504	do.	The Gym Store	Hockey sticks	4 75
O 4505	do.	Flat Iron Store	Towels	18 80
O 4506	do.	Art Metal Construction Co.	Shelves	5 25
O 4507	do.	W. E. Babbitt	Traveling expenses	18 36
O 4508	do.	Flanigan-Pearson Co.	Printing	110 20
O 4509	do.	E. A. Holbrook	Traveling expenses	29 29
O 4510	Dec. 7	Taylor Hardware Co.	General supplies	153 79
O 4511	do.	Jas. H. Rice Co.	do	41 86
O 4512	do.	A. E. Williams	Traveling expenses	2 25
O 4513	do.	The Garlock Packing Co.	Packing	15 68
O 4514	do.	Crouse-Hinds Co.	Condulets	5 91
O 4515	do.	The L. S. Starrett Co.	General supplies	5 88
O 4516	do.	Geo. B. Carpenter & Co.	Grease cups	7 66
O 4517	Dec. 8	O. E. Staples, Bursar	General labor	258 86
O 4518	do.	O. E. Staples, Bursar	do	431 25
O 4519	do.	Miller Harness Co.	General supplies	15 75
O 4520	do.	Champaign Steam Laundry	Laundry	86 29
O 4521	do.	Percival & Moorehead	General supplies	8 65
O 4522	do.	D. H. Loyde	Blue printing	5 45
O 4523	do.	Louis Melind Co.	General supplies	7 24
O 4524	do.	H. A. Hollister	Traveling expenses	27 87
O 4525	do.	Bacon Bros.	General supplies	2 65
O 4526	do.	B. E. Spalding	do	1 80
O 4527	do.	Flanigan-Pearson Co.	Publications	151 33
O 4528	do.	Cunningham Bros.	General supplies	9 00
O 4529	do.	E. H. Sargent & Co.	Laboratory supplies	46 35
O 4530	do.	G. C. Willis	General supplies	13 99
O 4531	do.	Reliable Plumbing & Heating Co.	do	98 85
O 4532	do.	American Multigraph Sales Co.	Office supplies	3 85
O 4533	do.	Irving-Pitt Mfg. Co.	do	36 20
O 4534	do.	E. A. Eichhorst	Machine repairs	23 40
O 4535	do.	Ideal Electric Co.	Electrical supplies	9 70
O 4536	do.	B. E. Powell	Traveling expenses	2 54
O 4537	do.	H. C. Wheeler	do	62 60
O 4538	do.	W. P. Miller	do	7 19
O 4539	do.	K. J. T. Ekblaw	do	8 94

## OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
1914				
O 4540	Dec. 8	Fred J. Blackburn	Traveling expenses	\$ 25 42
O 4541	do.	H. A. Ruehe	do.	15 77
O 4542	do.	Merchants Transfer & Storage Co.	Freight	3 03
O 4543	do.	J. E. Whitechurch	Traveling expenses	45 07
O 4544	do.	L. Hegnauer	do.	10 00
O 4545	do.	R. H. Hadley	do.	28 53
O 4546	do.	C. L. Reisner	do.	11 44
O 4547	do.	C. B. Price	do.	7 78
O 4548	do.	The University of Chicago Press	Books	6 30
O 4549	do.	Manhattan Electrical Supply Co.	Electrical supplies	16 25
O 4550	do.	Jno. B. Bennett	Sewer pipes	7 50
O 4551	do.	Antoinette Goetz	Books	2 00
O 4552	do.	Henry E. Tufts	Labeling	6 00
O 4553	do.	Illinois Glass Co.	Laboratory supplies	21 11
O 4554	do.	C. H. Oldfather	Museum specimens	12 00
O 4555	do.	Geo. Murphy	General supplies	24 87
O 4556	do.	Chas. G. Willoughby	do.	16 48
O 4557	do.	Wm. Gaertner & Co.	Laboratory supplies	1 11
O 4558	do.	Geo. Lindsey	Rent	60 00
O 4559	do.	Anna L. Porter	do.	100 00
O 4560	do.	Exide Battery Depots	Laboratory supplies	4 60
O 4561	do.	The Deforest Sheet & Tinplate Co.	do.	2 18
O 4562	do.	The Frederick Post Co.	General supplies	8 80
O 4563	do.	G. Cramer Dry Plate Co.	do.	49 02
O 4564	do.	C. S. Brimley	Laboratory supplies	3 00
O 4565	do.	Barbee Wire & Iron Works	Mouse cages	15 00
O 4566	do.	Roessler & Hasslacher Chemical Co.	Acetone	10 13
O 4567	do.	Vaughans Seed Store	Labels	1 50
O 4568	do.	Dennison Mfg. Co.	Glue	12 40
O 4569	do.	Harry R. LaSelle	Basket ball repairs	3 70
O 4570	do.	American Steel & Wire Co.	Fencing	31 43
O 4571	do.	Frank Zercher	Machine repairs	42 20
O 4572	do.	Dallenbach Bros.	Food supplies	93 09
O 4573	do.	R. F. Hildebrand	Lantern slides	9 60
O 4574	do.	W. Lewis & Co.	Ducking	2 64
O 4575	do.	T. H. Craig	Lenses	2 50
O 4576	do.	Society of American Bacteriologist	Charts	1 48
O 4577	do.	Twin City Ice & Cold Storage Co.	Ice	12 00
O 4578	do.	Chester Horseshoeing Shop	Shoeing	9 00
O 4579	do.	F. K. Robeson	Toweling	165 00
O 4580	do.	Eisner Grocery Co.	Sugar and molasses	26 39
O 4581	do.	R. C. Wagner & Son	Labor	74 85
O 4582	do.	D. F. McFarland	Traveling expenses	11 44
O 4583	do.	Rockwell Barnes Co.	Books	5 70
O 4584	do.	Library Bureau	Deters	3 04
O 4585	do.	Miller-Bryant-Pierce	Ribbon coupons	47 04
O 4586	do.	L. C. Smith & Bros.	Typewriter roll	2 00
O 4587	do.	J. B. Greenhut & Co.	Angelica	7 20
O 4588	do.	S. E. Huff & Co.	Coal	8 25
O 4589	do.	H. S. Grindley	Traveling expenses	74 30
O 4590	do.	Stephen Rogers	Freight	105 93
O 4591	do.	J. B. Marshall	Field work	123 50
O 4592	do.	Stephen Rogers	do.	104 96
O 4593	do.	C. A. Rowe	Traveling expenses	7 75
O 4594	do.	C. M. Wirick	do.	5 04
O 4595	do.	J. J. Dicoct	do.	24 47
O 4596	do.	Olive L. Grover	do.	5 32
O 4597	do.	E. R. Lederman	do.	5 00
O 4598	do.	O. E. Staples, Bursar	Student labor	391 29
O 4599	do.	O. E. Staples, Bursar	do.	419 56
O 4600	do.	Pay roll	December, 1914	1,468 33
O 4601	do.	Pay roll	do.	4,645 72
O 4602	Dec. 9	E. H. Sargent & Co.	Tincture bottles	52 50
O 4603	do.	Metzler & Schafer Co.	Laboratory supplies	52 98
O 4604	do.	The Burr Co.	do.	55 15
O 4605	do.	Taylor Hardware Co.	General supplies	24 77
O 4606	do.	W. Lewis & Co.	do.	23 10
O 4607	do.	Geo. B. Carpenter & Co.	Iron blocks	23 08
O 4608	do.	L. B. Souder	Sundries	7 75
O 4609	do.	Gerts Lumbard & Co.	Stucco walls	25 70
O 4610	do.	Chas. Graham Chemical Pottery Works	Sinks	71 04
O 4611	do.	The Whitaker Paper Co.	Paper	39 20
O 4612	do.	Ideal Electric Co.	Electrical supplies	10 80
O 4613	do.	Crane Co.	Cement	33 38
O 4614	do.	Reliable Plumbing & Heating Co.	General supplies	11 78
O 4615	do.	Percival & Moorehead	Screws	7 00
O 4616	do.	Electric Appliance Co.	Motor	8 70
O 4617	do.	Edgar I. Banks	Coins	25 00

## OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
1914				
O 4618	Dec. 9	Weimer & Schweinsberg.....	General supplies.....	\$ 3 15
O 4619	do.	The Western Electric Co.....	Lamps.....	2 54
O 4620	do.	Ward's Natural Science Establishment..	Pupae, living.....	8 90
O 4621	do.	International Press Clipping Bureau.....	Clipping service.....	5 00
O 4622	do.	Burley & Tyrrell Co.....	Trays.....	9 00
O 4623	do.	J. S. Reimund.....	Food supplies.....	14 65
O 4624	do.	G. R. Grubb & Co.....	Etchings.....	23 85
O 4625	do.	Twin City Printing Co.....	Badges.....	3 00
O 4626	do.	Sharon Coal & Brick Co.....	Coal.....	550 00
O 4627	do.	Vaughan's Seed Store.....	Seed.....	1 80
O 4628	do.	Knowlton & Bennett.....	Alcohol.....	2 25
O 4629	do.	F. K. Robeson.....	Gold dust.....	40 92
O 4630	do.	Western Stoneware Co.....	Jars and covers.....	4 30
O 4631	do.	Lewis Electrical Supply Co.....	Chain sockets.....	1 00
O 4632	do.	C. G. Cox.....	Traveling expenses.....	16 20
O 4633	do.	H. E. Codlin.....	do.....	17 25
O 4634	do.	Henry Plau.....	Field work.....	31 25
O 4635	do.	Geo. W. Medley.....	do.....	10 92
O 4636	do.	Alfred Bergren.....	do.....	35 41
O 4637	do.	Wm. Aten Sr.....	do.....	35 13
O 4638	do.	Geo. W. Matheny.....	do.....	27 80
O 4639	do.	Edward Packard.....	Traveling expenses.....	1 92
O 4640	do.	W. D. Armstrong.....	do.....	8 84
O 4641	do.	O. V. Shaffer.....	do.....	1 15
O 4642	do.	Minerva Hall.....	do.....	2 00
O 4643	do.	L. F. Fulwiler.....	do.....	3 25
O 4644	do.	J. G. Moore.....	do.....	2 84
O 4645	do.	J. M. Crowe.....	do.....	7 30
O 4646	do.	J. D. White.....	Postage.....	300 00
O 4647	do.	Champaign & Urbana Water Co.....	Tapping main.....	4 00
O 4648	do.	Champaign Creamery Co.....	Milk.....	73 80
O 4649	do.	Chester Horseshoeing Shop.....	Shoes.....	14 00
O 4650	do.	The American Multigraph Sales Co.....	Multigraph.....	18 55
O 4651	do.	Hess Warming & Ventilating Co.....	Laboratory supplies.....	29 40
O 4652	do.	The Milk Tester Co.....	Milk tester.....	2 50
O 4653	do.	Sturges & Burn Mfg. Co.....	Refr. can.....	4 75
O 4654	do.	The Larrowe Milling Co.....	Beet pulp.....	125 04
O 4655	do.	Watson Faulkner.....	Carbolic.....	3 00
O 4656	do.	Swift & Co.....	Bloodmeal.....	3 10
O 4657	do.	Geo. Amsbary Co.....	Flour.....	1 60
O 4658	do.	T. G. Fenton.....	General supplies.....	1 85
O 4659	do.	R. G. Wright & Co.....	Valve rubbers.....	2 32
O 4660	do.	Twin City Printing Co.....	Printing.....	5 00
O 4661	do.	Standard Cap & Seal Co.....	General supplies.....	63 38
O 4662	do.	Duparquet, Huot & Moneuse Co.....	Thermometers.....	18 85
O 4663	do.	Soft Water Laundry.....	Laundry.....	4 42
O 4664	do.	Ennis Hay Co.....	Feeding stuff.....	418 57
O 4665	do.	Dolese & Shepard Co.....	Crushed stone.....	17 34
O 4666	do.	Blaisdell Paper Pencil Co.....	Office supplies.....	1 87
O 4667	do.	Ayrshire Breeders' Assn.....	Sundries.....	9 00
O 4668	do.	Morgan Brooks.....	Traveling expenses.....	31 37
O 4669	do.	The Creamery Package Mfg. Co.....	Laboratory supplies.....	55 10
O 4670	do.	John D. Doyle.....	General supplies.....	24 80
O 4671	do.	W. Lewis & Co.....	do.....	18 23
O 4672	do.	The Burr Co.....	Machine repairs.....	56 40
O 4673	do.	W. M. Wilson.....	Traveling expenses.....	21 64
O 4674	do.	S. O. Andros.....	do.....	8 54
O 4675	do.	O. A. Leutwiler.....	do.....	23 63
O 4676	do.	Ellery B. Paine.....	do.....	17 93
O 4677	do.	Susan B. Walcott.....	Address.....	10 00
O 4678	Dec. 11	Standard Oil Co.....	Oil.....	4 80
O 4679	do.	C. C. Briney.....	Drake.....	2 50
O 4680	do.	D. T. Dobbins.....	Feeding stuff.....	8 85
O 4681	do.	Funch, Edye & Co.....	Freight.....	25 23
O 4682	do.	Peoples Gas Light & Coke Co.....	Gas.....	20 16
O 4683	do.	F. G. Hartwell Co.....	General supplies.....	129 45
O 4684	do.	Western Fuel Co.....	Supplies.....	201 45
O 4685	do.	Demonstrators' Assn. of Illinois.....	Sundries.....	36 00
O 4686	do.	Madison Teaming Co.....	Labor.....	30 00
O 4687	do.	A. C. McClurg & Co.....	Notebooks.....	8 12
O 4688	do.	W. J. Carmichael.....	Traveling expenses.....	13 69
O 4689	do.	J. B. Andrews.....	do.....	16 36
O 4690	do.	Percival & Moorehead.....	Couch and pad.....	9 60
O 4691	do.	Barnhart Bros.....	Oil stone.....	3 00
O 4692	do.	The Chester Transfer Co.....	Sundries.....	4 00
O 4693	do.	F. M. Leslie.....	Picture framing.....	13 80



## OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
1914				
O 4694	Dec. 11	Cunningham Bros.	Laboratory supplies.	\$ 3 95
O 4695	do.	Reliable Plumbing & Heating Co.	General supplies.	4 21
O 4696	do.	Crane Co.	Laboratory supplies.	6 45
O 4697	do.	Flanigan-Pearson Co.	Bulletins.	274 50
O 4698	do.	Metzler & Schafer Co.	Pimientos.	9 00
O 4699	do.	B. W. Benedict.	Traveling expenses.	24 18
O 4700	do.	N. C. Ricker.	do.	14 14
O 4701	do.	C. R. Clark.	do.	16 63
O 4702	do.	B. F. Stevenson & Son.	Flour.	8 00
O 4703	do.	G. R. Grubb & Co.	Publications.	7 75
O 4704	do.	Geo. E. Amsbary Co.	Laboratory supplies.	1 50
O 4705	do.	Swartz Electric Shop.	Electric stove.	8 50
O 4706	do.	Gustav Johnson.	Laboratory supplies.	6 00
O 4707	do.	Charles H. Besly & Co.	Drills.	54 08
O 4708	do.	C. H. Brownell.	Glass.	16 58
O 4709	do.	F. P. Smith Wire & Iron Works.	Window guard.	4 63
O 4710	do.	G. P. Putman's Sons.	Books.	1 50
O 4711	do.	Marine Biological Laboratory.	Laboratory supplies.	3 45
O 4712	do.	Barbee Wire & Iron Works.	Cages.	21 50
O 4713	do.	Spencer Lens Co.	Laboratory supplies.	5 48
O 4714	do.	Soft Water Laundry.	Coats.	1 80
O 4715	do.	T. H. Craig.	Clock.	2 50
O 4716	do.	Chicago Steel Tape Co.	Laboratory apparatus.	7 20
O 4717	do.	Crosby Steam Gage & Valve Co.	Laboratory supplies.	3 70
O 4718	do.	Bell & Howell Co.	Carbons.	7 90
O 4719	do.	Central Scientific Co.	Laboratory apparatus.	31 90
O 4720	do.	O. S. Fisher.	Traveling expenses.	181 83
O 4721	do.	C. C. Logan.	do.	11 56
O 4722	do.	Chas. A. Campbell.	do.	101 10
O 4723	do.	H. A. deWerra.	do.	10 55
O 4724	do.	Morris & Co.	Feeding stuffs.	166 67
O 4725	do.	Conner & Quayle.	Shoeing.	29 00
O 4726	do.	Frankel Display Fixture Co.	General supplies.	1 93
O 4727	do.	J. P. Mason.	Traveling expenses.	12 02
O 4728	do.	Chas. Foss.	do.	17 00
O 4729	do.	Joseph Newman.	do.	12 87
O 4730	do.	James R. Midyett.	Field work.	90 66
O 4731	do.	C. W. Crabtree.	do.	102 25
O 4732	do.	Fred Falk.	do.	173 31
O 4733	do.	E. H. Swigert.	Piano tuning.	44 00
O 4734	do.	Henry A. Dreer.	Laboratory supplies.	5 69
O 4735	do.	Weston Electrical Instrument Co.	Electrical supplies.	16 91
O 4736	do.	William Bros.	Labor.	53 90
O 4737	do.	Jacob White.	Plastering.	6 50
O 4738	do.	R. C. Wagner & Son.	Labor.	6 50
O 4739	do.	Harvard College Library.	Catalogs.	19 83
O 4740	do.	Farrar & Quinlan.	Food supplies.	52 57
O 4741	do.	Concrete-Steel Products Co.	Laboratory supplies.	28 24
O 4742	do.	The Eisner Grocery Co.	General supplies.	6 46
O 4743	do.	Twin City Printing Co.	Orchestra program.	51 75
O 4744	do.	Wilhelm Miller.	Traveling expenses.	12 09
O 4745	do.	Dallenbach Bros.	Food supplies.	7 79
O 4746	do.	City of Urbana.	Fund.	2 00
O 4747	do.	Martin Metz.	General supplies.	3 35
O 4748	do.	University Press.	Printing.	23 50
O 4749	do.	Twin City Roofing Co.	General supplies.	270 68
O 4750	do.	L. H. Provine.	Traveling expenses.	91 22
O 4751	do.	Taylor Hardware Co.	General supplies.	25 15
O 4752	do.	Oldham Brothers.	Laboratory supplies.	2 00
O 4753	do.	Champaign Steam Laundry.	Laundry.	26 32
O 4754	do.	Hall Hardware Co.	Building repairs.	4 15
O 4755	do.	Chicago Telephone Co.	Meter reading.	230 11
O 4756	do.	D. H. Lloyd.	Hooks.	7 65
O 4757	do.	Woldenberg & Schaar.	Laboratory apparatus.	89 00
O 4758	do.	Federal Sign System.	Electrical supplies.	35 65
O 4759	do.	United States Blue Print Paper Co.	Tubes.	2 91
O 4760	do.	E. H. Waldo.	Traveling expenses.	17 10
O 4761	do.	B. E. Powell.	do.	11 64
O 4762	do.	Herbert W. Mumford.	do.	11 44
O 4763	do.	Tuttle & Bailey Mfg. Co.	Grilles cast.	35 77
O 4764	do.	Automatic Electric Co.	Electrical supplies.	15 19
O 4765	do.	Wright Mfg. Co.	Pass valves.	2 50
O 4766	do.	Neoga Telephone Co.	Telephone.	1 20
O 4767	do.	W. S. Brock.	Traveling expenses.	18 43
O 4768	do.	J. D. White.	Postage.	128 10
O 4769	do.	H. W. Johns-Manville Co.	Furnace cement.	3 53
O 4770	do.	Western Electric Co.	Lamps.	281 11
O 4771	do.	James B. Clow & Sons.	General supplies.	32 33

## OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
1914				
O 4772	Dec. 11	W. D. Allen Mfg. Co.	General supplies.	\$ 2 85
O 4773	do.	Alexander Lumber Co.	Building material.	107 07
O 4774	do.	Illinois State Reformatory	Printing.	243 40
O 4775	do.	F. K. Robeson	General supplies.	14 65
O 4776	do.	Twin City Ice & Cold Storage Co.	Ice.	30 00
O 4777	do.	C. H. Stoelting Co.	Binet tests.	133 47
O 4778	do.	White Line Steam Laundry.	Laundry.	18 74
O 4779	do.	N. A. Box & Basket Co.	Printing.	14 19
O 4780	do.	Percheron Society of America.	Sundries.	12 00
O 4781	do.	W. S. Keller	Feeding stuff.	221 02
O 4782	do.	Home Telephone Co.	Service.	10 45
O 4783	do.	O. S. Watkins	Traveling expenses.	63 24
O 4784	do.	W. A. Ruth	do.	5 50
O 4785	do.	J. R. Van Kleeck	do.	9 84
O 4786	do.	Roy S. Lundin	do.	7 19
O 4787	do.	John Swaney	Rent.	36 00
O 4788	Dec. 12	Illinois State Reformatory	Printing.	39 35
O 4789	do.	C. A. Kiler	General supplies.	3 55
O 4790	do.	A. S. Nelson & Sons.	Laboratory supplies.	2 40
O 4791	do.	Metzler & Schafer Co.	do.	83 69
O 4792	do.	Taylor Hardware Co.	Letter dies.	4 80
O 4793	do.	F. K. Robeson	Toweling.	19 32
O 4794	do.	J. M. Thompson & Co.	Food.	34 00
O 4795	do.	Scott Paper Co.	Towels.	23 18
O 4796	do.	P. S. Campbell	Printing.	11 75
O 4797	do.	Central Scientific Co.	Telescope.	31 75
O 4798	do.	Henry A. Dreer	General supplies.	9 50
O 4799	do.	H. A. Aldrich & Co.	Apples.	14 00
O 4800	do.	Harris-Dillavou.	General supplies.	6 79
O 4801	do.	Knight & Struck Co.	do.	39 25
O 4802	do.	Vaughans Seed Store	Menders.	1 50
O 4803	do.	Henry J. Green	Psychrometers.	17 55
O 4804	do.	Shenadoah Nurseries	Seedlings.	15 20
O 4805	do.	White Poultry Farm	Poultry.	21 47
O 4806	do.	The Tablet & Ticker Co.	Block letters.	3 90
O 4807	do.	Twin City Roofing Co.	Building material.	45 62
O 4808	do.	National Blank Book Co.	General supplies.	1 88
O 4809	do.	Chicago Belting Co.	Supplies.	24 97
O 4810	do.	H. W. Johns-Manville Co.	Cement.	6 00
O 4811	do.	George McGahey	Live stock.	400 00
O 4812	do.	L. Wolff Mfg. Co.	Faucet.	9 30
O 4813	do.	Weil Brothers.	Soil pipe.	6 89
O 4814	do.	The Caldwell Co.	General supplies.	3 20
O 4815	do.	Link Belt Co.	Steel pinion.	4 00
O 4816	do.	J. M. Lindgren	Oil tests.	120 00
O 4817	Dec. 15	W. J. Smith	Heating unit.	6 00
O 4818	do.	Jas. H. Rice Co.	General supplies.	4 50
O 4819	do.	The Tablet & Ticker Co.	Block letters.	1 99
O 4820	do.	Charles Mollet.	Wire screens.	2 80
O 4821	do.	Federal Sign System	Electrical supplies.	5 17
O 4822	do.	The National Malleable Casting Co.	No. 6 stars.	7 40
O 4823	do.	The Cleveland Tenslite Co.	Bronzite.	9 70
O 4824	do.	The Graton & Knight Mfg. Co.	Laboratory supplies.	36 41
O 4825	do.	John C. Moore Corp.	Blanks.	12 50
O 4826	do.	Armstrong Bros. Tool Co.	Drill holders.	19 95
O 4827	do.	Dodge Sales & Engineers Co.	Iron pulley.	2 86
O 4828	do.	The S. Obermayer Co.	Plumbago.	22 17
O 4829	do.	J. T. Ryerson & Son	General supplies.	69 77
O 4830	do.	John Wiley & Sons.	Books.	1 55
O 4831	do.	Huff Electrostatic Separator Co.	Tension wire.	3 95
O 4832	do.	B. A. Strauch.	Framed pictures.	3 75
O 4833	do.	Anchor Core Soap Co.	Soap.	6 00
O 4834	do.	American Medical Assn.	Books.	5 00
O 4835	do.	General Chemical Co.	Laboratory supplies.	76 80
O 4836	do.	Central Scientific Co.	do.	6 72
O 4837	do.	The Linde Air Products Co.	Laboratory supplies.	2 75
O 4838	do.	Driver-Harris Wire Co.	Wire.	9 83
O 4839	do.	Corbin Cabinet Lock Co.	General supplies.	10 50
O 4840	do.	J. T. Baker Chemical Co.	Barium chloride.	11 30
O 4841	do.	Eimer & Amend.	Watt heaters.	3 17
O 4842	do.	Fuller & Fuller	Laboratory supplies.	5 46
O 4843	do.	Neostyle Co.	Stencil.	1 75
O 4844	do.	Olive B. Percival.	Traveling expenses.	9 15
O 4845	do.	J. Adams Puffer.	do.	44 45
O 4846	do.	Fred Falk.	Building repairs.	3 43
O 4847	do.	E. H. Sargent & Co.	Laboratory supplies.	168 45
O 4848	do.	B. E. Spalding	General supplies.	11 75

## OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
1914				
O 4849	Dec. 15	Woldenberg & Schaar	Laboratory supplies	\$ 6 39
O 4850	do.	L. E. Knorr, Assistant Comptroller	Student labor	547 78
O 4851	do.	L. E. Knorr, Assistant Comptroller	General labor	571 02
O 4852	do.	Reliable Plumbing & Heating Co.	General supplies	36 07
O 4853	do.	The Burr Co.	do	19 72
O 4854	do.	Twin City Roofing Co.	Building material	62 39
O 4855	do.	James H. Rice Co.	Lumber	22 74
O 4856	do.	Crouse-Hinds Co.	General supplies	5 45
O 4857	do.	Crane Co.	Thumb screws	2 53
O 4858	do.	Carson Payson Co.	Labor	102 60
O 4859	do.	H. Krantz Mfg. Co.	Electrical supplies	20 60
O 4860	do.	Illinois State Penitentiary	Brooms	29 70
O 4861	do.	H. A. Hollister	Traveling expenses	28 10.
O 4862	do.	J. J. Didcock	do	26 32
O 4863	Dec. 16	C. L. Frame Dental Supply Co.	General supplies	26 71
O 4864	do.	The Book Shop Bindery	Binding	66 90
O 4865	do.	Chicago Medical Book Co.	Books	8 50
O 4866	do.	A. Kroch & Co.	do	81 33
O 4867	do.	Huntley Dairy Co.	General supplies	2 75
O 4868	do.	Barron Bros. Coal Co.	Animal feed	5 96
O 4869	do.	Mehring & Hanson Co.	Building repairs	92 54
O 4870	do.	Illinois Malleable Iron Co.	Machine repairs	38 51
O 4871	do.	Arthur Ochs	Rabbits	22 50
O 4872	do.	Rothchild & Co.	General supplies	4 59
O 4873	do.	V. Mueller & Co.	do	411 06
O 4874	do.	Maas Bros.	do	28 15
O 4875	do.	Bradner Smith & Co.	do	6 92
O 4876	do.	Chicago Towel Co.	Laundry	55 81
O 4877	do.	Morrisson, Plummer & Co.	General supplies	8 16
O 4878	do.	E. H. Sargent & Co.	do	13 01
O 4879	do.	Ahrens & Schreiner	Janitors supplies	18 83
O 4880	do.	Christian County Coal Co.	Coal	197 00
O 4881	do.	Stonington Coal Co.	do	264 09
O 4882	do.	Sears, Roebuck & Co.	Building repairs	20 40
O 4883	do.	Hebard & Co.	Mirror	1 50
O 4884	do.	John Becker	Guinea pigs	5 00
O 4885	do.	A. C. McClurg & Co.	Files	3 00
O 4886	do.	H. K. Mulford Mfg. Co.	General supplies	6 88
O 4887	do.	The Liquid Carbonic Co.	Gas	3 00
O 4888	do.	Marshall Field & Co.	Blankets	4 00
O 4889	do.	Mallory Mitchell & Faust	Advertising	16 00
O 4890	do.	Chicago Telephone Co.	Telephone	11 42
O 4891	do.	Neostyle Co.	Stencil	1 75
O 4892	do.	Physicians' Supply & Drug Co.	General supplies	1 44
O 4893	do.	Albany Paper Products Co.	Boxes	15 30
O 4894	do.	Nollan & Wolff Mfg. Co.	Swaging block	20 00
O 4895	do.	American Institute of Dental Teachers	Dues, 1915	20 00
O 4896	do.	The S. S. White Dental Mfg. Co.	General supplies	2 90
O 4897	do.	Thos. J. Dee & Co.	Wire	18 85
O 4898	do.	Ward's Natural Science Establishment	Books	3 10
O 4899	do.	M. H. Fairchild & Bro.	Incidentals	11 06
O 4900	do.	The Caldwell Co.	Lamp	2 25
O 4901	do.	The Paper Mills Co.	Office supplies	7 18
O 4902	do.	The Tribune Co.	Subscription	4 00
O 4903	do.	W. H. Smith	Traveling expenses	14 75
O 4904	do.	W. P. Miller	do	10 41
O 4905	do.	L. Hegnauer	Lectures	70 00
O 4906	do.	Twin City Printing Co.	Printing	15 00
O 4907	do.	Charles H. Miller	Museum specimens	40 00
O 4908	do.	C. A. Kiler	Office supplies	1 25
O 4909	do.	G. G. MacArthur	Laboratory supplies	5 00
O 4910	do.	Royal A. Stipes	Sand	3 50
O 4911	do.	Keystone Supply Co.	Office supplies	1 00
O 4912	do.	G. B. Grubb & Co.	Publications	27 90
O 4913	do.	John Reichard	Wheat	122 10
O 4914	do.	E. W. Donoho	Lectures	30 00
O 4915	do.	John P. Stout	do	20 00
O 4916	do.	Mamie Bunch	Traveling expenses	15 54
O 4917	do.	H. P. Rusk	do	11 59
O 4918	Dec. 17	L. E. Wallace	Field work	5 00
O 4919	do.	L. R. Sarett	Traveling expenses	25 09
O 4920	do.	George C. Mathews	do	16 77
O 4921	do.	Garfield Jones	do	11 50
O 4922	do.	R. H. Hadley	do	3 83
O 4923	do.	H. C. Lawson	do	25 05
O 4924	do.	Frank A. Pearson	do	17 53
O 4925	do.	Manhattan Electrical Supply Co.	Wire	12 21
O 4926	do.	Central Electric Co.	Reflectors	4 67

## OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
1914				
O 4927	Dec. 17	F. K. Robeson.	General supplies.	\$ 53 00
O 4928	do.	H. Swannell & Son.	Thermometers.	4 20
O 4929	do.	L. Wolf Mfg. Co.	General supplies.	2 92
O 4930	do.	Central Supply Co.	Asbestos discs.	3 98
O 4931	do.	Indianapolis Paint & Color Co.	Paint.	5 25
O 4932	do.	The A. Burdsal Co.	General supplies.	9 35
O 4933	do.	Warren Webster & Co.	do.	2 47
O 4934	do.	Leavitt Mfg. Co.	Twist bars.	6 58
O 4935	do.	Harry Herrick.	Casings.	24 80
O 4936	do.	Hoopes Mfg. Co.	Charts.	1 25
O 4937	do.	Schermerhorn Bros. Co.	Mops.	35 23
O 4938	do.	American Linseed Co.	Oil.	25 87
O 4939	do.	Taylor Hardware Co.	General supplies.	104 71
O 4940	do.	The Carswell Co.	Books.	13 00
O 4941	Dec. 18	Pay roll.	December, 1914.	735 00
		Becker, Johann.	Salary.	\$50 00
		Blackwell, J. T.	do.	60 00
		Braun, William.	do.	40 00
		David, Simon.	do.	50 00
		Drennan, Peter.	do.	80 00
		George, Elia.	do.	50 00
		Karochun, William.	do.	50 00
		Kasanos, John.	do.	50 00
		Klena, Joseph.	do.	60 00
		Matthes, Herbert A.	do.	40 00
		Mullaney, Herbert.	do.	40 00
		Rehfeldt, Hubert F.	do.	40 00
		Schultz, Harry.	do.	35 00
		Solomon, Jacob.	do.	50 00
		Von Tesmar, Emil.	do.	40 00
O 4942	do.	D. H. Lloyd.	General supplies.	232 80
O 4943	do.	C. H. Stoeiting Co.	Laboratory supplies.	65 22
O 4944	do.	Crane Co.	General supplies.	81 61
O 4945	do.	W. Lewis & Co.	do.	3 31
O 4946	do.	The Eisner Grocery Co.	do.	54 71
O 4947	do.	The Burr Co.	Building material.	382 85
O 4948	do.	Illinois State Reformatory.	Printing.	139 45
O 4949	do.	Flanigan-Pearson Co.	Publications.	104 75
O 4950	do.	Twin City Roofing Co.	Laboratory supplies.	130 34
O 4951	do.	C. W. Johnson.	Galvanize pan.	7 00
O 4952	do.	J. W. Butler Paper Co.	General supplies.	38 31
O 4953	do.	S. E. Dillavou.	Machine repairs.	2 40
O 4954	do.	Smith & Co.	Ice.	40 00
O 4955	do.	National Biscuit Co.	Food supplies.	1 60
O 4956	do.	D. Van Nostrand Co.	Books.	1 60
O 4957	do.	E. M. Smith & Co.	General supplies.	23 00
O 4958	do.	American Steel & Wire Co.	do.	4 27
O 4959	do.	Fuller & Fuller Co.	Glass.	12 90
O 4960	do.	The Felix Daus Duplicator Co.	Blue printing.	2 25
O 4961	do.	Jeffe Stout.	Feeding stuff.	124 11
O 4962	do.	R. C. Wagner & Son.	Labor.	30 25
O 4963	do.	Library of Congress.	Catalog cards.	75 00
O 4964	do.	Stipes & Plicher.	Paving brick.	16 90
O 4965	do.	Newton L. Partridge.	Traveling expenses.	11 74
O 4966	do.	C. E. Durst.	do.	10 18
O 4967	do.	J. C. Vaughan.	do.	10 25
O 4968	do.	W. A. Ruth.	do.	12 86
O 4969	do.	B. E. Powell.	do.	12 43
O 4970	do.	O. K. Patton.	do.	23 94
O 4971	do.	S. E. Huff & Co.	Laboratory supplies.	16 00
O 4972	do.	University of Illinois Supply Store.	Filing section.	13 50
O 4973	do.	Geo. Banta Publishing Co.	Publications.	278 20
O 4974	do.	Coast Products Co.	Food supplies.	294 85
O 4975	do.	Wm. Scholtzhauer.	Field work.	8 50
O 4976	do.	E. E. Hoskins.	Traveling expenses.	15 31
O 4977	do.	H. J. Snider.	do.	27 91
O 4978	do.	O. S. Fisher.	do.	181 31
O 4979	do.	Earl Garver.	do.	10 08
O 4980	do.	Frank Turner.	do.	16 57
O 4981	do.	C. A. Hughes.	do.	22 99
O 4982	do.	Renzo Muckelroy.	do.	13 20
O 4983	do.	Olive Percival.	do.	10 66
O 4984	do.	Stebbins Hardware Co.	Yale check.	5 10
O 4985	do.	Ward's Natural Science Establishment.	Laboratory supplies.	5 00
O 4986	do.	Thomas B. Silliman.	Museum specimens.	6 00
O 4987	do.	Soft Water Laundry.	Laundry.	7 32
O 4988	do.	Hazel-Atlas Glass Co.	General supplies.	5 55
O 4989	do.	Elsie Blaisdell.	Laundry.	8 62

## OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
1914				
O 4990	Dec. 18	Warner-Jenkinson Co.	Powder cocoa.	\$ 6 25
O 4991	do.	The Allen Filter Co.	Coolers.	45 00
O 4992	do.	Blanke Mfg. & Supply Co.	General supplies.	11 30
O 4993	do.	James H. Rhodes & Co.	do.	12 54
O 4994	do.	Champaign Ice Cream Co.	Laboratory supplies.	1 20
O 4995	do.	The Standard Calorimeter Co.	do.	17 64
O 4996	do.	J. Horace McFarland Co.	Laboratory apparatus.	5 50
O 4997	do.	Lewis Electric Supply Co.	Battery.	1 05
O 4998	do.	The Chester Transfer Co.	Express.	30 21
O 4999	do.	Gertrude M. Gammon.	Services.	2 00
O 5000	do.	John Brauer.	Coal.	30 71
O 5001	do.	J. A. Ritter.	Machine repairs.	82 35
O 5002	do.	E. F. Glasgow.	Gravel.	10 50
O 5003	do.	H. A. Aldrich & Co.	Lime.	14 15
O 5004	do.	General Electric Co.	Arc lamps.	27 50
O 5005	do.	J. T. Baker Chemical Co.	Propionic acid.	4 65
O 5006	do.	H. C. Young.	General supplies.	5 40
O 5007	do.	W. T. Ainsworth & Sons.	Corn.	60 00
O 5008	do.	Keuffel & Esser Co.	Laboratory apparatus.	31 35
O 5009	do.	F. W. Woolworth Co.	General supplies.	1 05
O 5010	do.	Birmingham & Seaman Co.	Incidentals.	6 86
O 5011	do.	Henry F. Mitchell Co.	Geraniums.	2 00
O 5012	do.	A. N. Abbott.	Rent.	200 00
O 5013	Dec. 19	Pay roll.	December, 1914.	70 00
		Buchanan, Harold.	Salary.	\$70 00
O 5014	Dec. 21	L. E. Knorr, Assistant Comptroller.	Student labor.	640 16
O 5015	do.	The Letter Shop.	Mimeographing.	4 50
O 5016	do.	Knowlton & Bennett.	Laboratory supplies.	2 45
O 5017	do.	Flanigan-Pearson Co.	Printing.	79 00
O 5018	do.	Eimer & Amend.	Laboratory apparatus.	23 49
O 5019	do.	S. E. Dillavou.	General supplies.	24 90
O 5020	do.	D. H. Lloyd.	do.	5 83
O 5021	do.	Illinois State Reformatory.	Printing.	95 60
O 5022	do.	The Creamery Package Mfg. Co.	General supplies.	38 56
O 5023	do.	Bausch & Lomb Optical Co.	Laboratory supplies.	7 90
O 5024	do.	B. A. Strauch.	Blue printing.	3 15
O 5025	do.	Royal A. Stipes.	Sand.	6 00
O 5026	do.	H. Swannell & Son.	Laboratory supplies.	2 60
O 5027	do.	Eisner Grocery Co.	General supplies.	9 75
O 5028	do.	W. W. Walls & Co.	Building repairs.	13 23
O 5029	do.	John H. Doyle.	General supplies.	30 42
O 5030	do.	Champaign Seed Co.	Laboratory supplies.	1 23
O 5031	do.	E. H. Sargent & Co.	do.	26 14
O 5032	do.	Hunter Bourke & Co.	General supplies.	32 61
O 5033	do.	Reliable Plumbing & Heating Co.	Building repairs.	1 66
O 5034	do.	Taylor Hardware Co.	General supplies.	4 40
O 5035	do.	Miller Harness Co.	do.	13 63
O 5036	do.	Tice & Lynch.	Freight.	10 13
O 5037	do.	G. W. Sheldon & Co.	do.	22 63
O 5038	do.	Twin City Roofing Co.	Apparatus repairs.	1 50
O 5039	do.	G. R. Grubb & Co.	Publications.	5 00
O 5040	do.	A. S. Nelson & Sons.	Laboratory supplies.	2 15
O 5041	do.	Metzler & Schafer Co.	do.	3 33
O 5042	do.	Twin City Printing Co.	Printing.	23 75
O 5043	do.	W. J. Boehm.	Laboratory supplies.	8 50
O 5044	do.	J. M. Therburn & Co.	do.	2 97
O 5045	do.	Central Electric Co.	General supplies.	2 89
O 5046	do.	Standard Oil Co.	Lubricating oil.	7 85
O 5047	do.	Crane Co.	Laboratory supplies.	3 86
O 5048	do.	Chester Horseshoeing Shop.	Shoes.	2 00
O 5049	do.	Pay roll.	December, 1914.	15 00
		Beadles, Jessie.	Salary.	\$15 00
O 5050	Dec. 22	Eimer & Amend.	General supplies.	23 81
O 5051	do.	Liquid Carbonic Co.	do.	3 00
O 5052	do.	The Western Electrical Co.	Electrical supplies.	10 54
O 5053	do.	Maas Bros.	General supplies.	54 95
O 5054	do.	The Tribune Co.	Publications.	2 20
O 5055	do.	Commonwealth Edison Co.	Lighting.	220 50
O 5056	do.	Pittsburgh Plate Glass Co.	Building supplies.	1 60
O 5057	do.	Morrison, Plummer & Co.	General supplies.	70 18
O 5058	do.	Illinois Malleable Iron Co.	Machine repairs.	1 42
O 5059	do.	Ahrens & Schreiner.	General supplies.	1 41
O 5060	do.	V. Mueller & Co.	do.	20 45
O 5061	do.	Burley & Tyrrell Co.	do.	2 83
O 5062	do.	The Linde Air Products Co.	Laboratory supplies.	3 00
O 5063	do.	Merck & Co.	do.	15 92
O 5064	do.	Duncan Electrical Mfg Co.	General supplies.	6 40
O 5065	do.	Standard Soap Co.	Soap.	16 92

## OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1914			
O 5066	Dec. 22	Leedy Mfg. Co.	Tympani sticks.	\$ 1 55
O 5067	do.	Fairview Park Cemetery Assn.	Rent.	290 00
O 5068	do.	University Press.	Printing.	2 25
O 5069	do.	Indianapolis Blue Print & Supply Co.	General supplies.	3 50
O 5070	do.	The Frederick Post Co.	do.	16 00
O 5071	do.	Sweet Wallach & Co.	do.	28 13
O 5072	do.	The Lumiere Joula Co.	Intens. plates.	10 30
O 4073	do.	A. G. Spadling & Bros.	Water wings.	8 48
O 5074	do.	White Line Steam Laundry	Laundry.	95 60
O 5075	do.	Anso Co.	General supplies.	9 60
O 5076	do.	Consumers Co.	Ice.	7 50
O 5077	do.	Jenkins Bros.	Machine repairs.	6 30
O 5078	do.	Harms & Scheuber.	Animal feed.	5 00
O 5079	do.	Jas. P. Marsh & Co.	Machine repairs.	26 25
O 5080	do.	Demonstrators' Assn of Illinois.	Sundries.	21 00
O 5081	do.	Hibbard Spencer Bartlett Co.	Laboratory supplies.	19 25
O 5082	do.	Stein & Ellbogen Co.	General supplies.	4 00
O 5083	do.	Barron Bros. Coal Co.	Animal feed.	3 12
O 5084	do.	Ernst Leitz.	Rack and pinion.	5 19
O 5085	do.	Illinois State Reformatory	General supplies.	26 50
O 5086	do.	Huntley Dairy Co.	Kazol.	1 65
O 5087	do.	Physicians' Supply & Drug Co.	Kelly pad.	3 50
O 5088	do.	Rogers & Hall Co.	Publications.	7 10
O 5089	do.	E. H. Sargent & Co.	Acid sulphuric.	1 15
O 5090	do.	L. E. Knorr, Assistant Comptroller.	General labor.	364 32
O 5091	do.	J. J. Didcoet.	Traveling expenses.	18 00
O 5092	do.	H. A. Harding.	do.	32 93
O 5093	do.	Geo. E. Frazer.	Office supplies.	25 62
O 5094	do.	C. E. X. Smith.	Apples.	4 00
O 5095	do.	H. C. May.	Service.	11 00
O 5096	do.	H. H. Stock.	Traveling expenses.	11 09
O 5097	do.	Ralph Chaplin.	do.	10 70
O 5098	do.	A. W. Jamison.	do.	12 94
O 5099	do.	N. W. Hepburn.	do.	8 04
O 5100	do.	Wm. Powell.	Field work.	27 30
O 5101	do.	J. G. Mosier.	Traveling expenses.	5 15
O 5102	do.	Chas. A. Campbell.	do.	44 13
O 5103	do.	John W. Lloyd.	do.	6 74
O 5104	do.	G. A. Goodenough.	do.	7 39
O 5105	do.	Isabel Boyer.	do.	14 59
O 5106	do.	H. A. Hollister.	do.	14 88
O 5107	Dec. 23	Pay roll.	December, 1914.	1,578 33
		Argo, Roy.	Salary.	\$55 00
		Barto, Mrs. D. O.	do.	20 00
		Burdick, I. F.	do.	85 00
		Chaplin, Ralph.	do.	60 00
		Engle, W. J.	do.	75 00
		Hampton, W. J.	do.	75 00
		Hough, Wm.	do.	83 33
		Jenkins, E. H.	do.	60 00
		Jensen, G. C.	do.	55 00
		Kelley, J. R.	do.	65 00
		McQueen, H. D.	do.	50 00
		Meenach, Earl.	do.	65 00
		Mink, Geo.	do.	50 00
		Nesbitt, Lawrence.	do.	55 00
		Palfrey, J. R.	do.	75 00
		Patterson, Will.	do.	50 00
		Pine, Fred.	do.	80 00
		Pritchard, H.	do.	70 00
		Pritchard, R.	do.	65 00
		Rhoads, Hazel.	do.	60 00
		Rose, M. D.	do.	55 00
		Sanders, Frank.	do.	50 00
		Smith, J. F.	do.	70 00
		Sprinkle, D. C.	do.	50 00
		Stivers, Moses.	do.	50 00
		Stoneburner, A. J.	do.	50 00
O 5108	do.	Pay roll.	December, 1914.	2,099 88
		Black, M. H.	Salary.	45 00
		Bote, C. S.	do.	80 00
		Brentlinger, Emmett.	do.	50 00
		Brooks, D. T.	do.	50 00
		Brown, E. R.	do.	22 50
		Brown, W. E.	do.	50 00
		Campbell, C. A.	do.	65 00
		Carr, T. D. T.	do.	48 00
		Chapman, C. C.	do.	100 00

## OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
O 5108	1914 Dec. 23	Dillion, Jasper.....	Salary.....	\$ 55 00
Cld.		Dunlap, B. H.....	do.....	70 00
		Egelston, A. T.....	do.....	40 00
		Engle, Lawrence.....	do.....	25 00
		Flocken, J. B.....	do.....	65 00
		Gatewood, Jacob.....	do.....	50 00
		Gossett, J. O.....	do.....	60 00
		Gregory, O. E.....	do.....	50 00
		Harry, W. L.....	do.....	100 00
		Hamlin, Clyde.....	do.....	55 00
		Hamlin, Hiram.....	do.....	55 00
		Hunter, L. A.....	do.....	80 00
		Jones, W. C.....	do.....	75 00
		Lewis, W. S.....	do.....	45 00
		Lowe, Lucy.....	do.....	45 00
		Mapes, M. H.....	do.....	50 00
		Marsh, W. T.....	do.....	50 00
		Martin, W. T.....	do.....	45 00
		Moore, H. E.....	do.....	39 38
		Pollard, Charles.....	do.....	50 00
		Prociase, F. R.....	do.....	45 00
		Reed, Alice E.....	do.....	60 00
		Sharp, Ethel.....	do.....	50 00
		Tornquist, Andrew.....	do.....	75 00
		Utterback, Hugh.....	do.....	45 00
		Utterback, L.....	do.....	50 00
		Whitmire, J. S.....	do.....	60 00
		Williamson, Hiram.....	do.....	50 00
		Zachmire, C. E.....	do.....	50 00
O 5109	do....	Ralph Engle.....	Wages.....	\$ 30 00
O 5110	do....	J. C. Anderson.....	do.....	70 00
O 5111	do....	E. K. Augustus.....	do.....	70 00
O 5112	do....	Fred J. Blackburn.....	do.....	50 00
O 5113	do....	C. A. Hughes.....	do.....	50 00
O 5114	do....	Robert W. Stark.....	do.....	100 00
O 5115	do....	W. L. Bennett.....	do.....	75 00
O 5116	do....	F. C. Richey.....	do.....	60 00
O 5117	do....	Crouch, H. E.....	do.....	115 00
O 5118	do....	Cate, H. A.....	do.....	70 00
O 5119	do....	Wilhelm Miller.....	Traveling expenses.....	28 84
O 5120	do....	Carl S. Metzger.....	Services.....	75 00
O 5121	do....	F. W. Devos & C. E. Raynold Co.....	Laboratory supplies.....	37 80
O 5122	do....	General Electric Co.....	Mirrors.....	1 02
O 5123	do....	W. H. Darrah.....	Laboratory supplies.....	4 00
O 5124	do....	Silver, Burdett & Co.....	Books.....	10 40
O 5125	do....	Knowlton & Bennett.....	Glycerine.....	4 80
O 5126	do....	Cleveland Twist Drill Co.....	Laboratory supplies.....	9 11
O 5127	do....	Brown & Sharpe Mfg. Co.....	Reamer.....	3 09
O 5128	do....	Shenadoah Nurseries.....	Apple seedlings.....	29 10
O 5129	do....	Franz Hanfstaengl.....	Museum specimens.....	6 25
O 5130	do....	Barnhart Bros. & Spindler.....	Ink.....	1 11
O 5131	do....	Sharon Coal & Brick Co.....	Coal.....	392 50
O 5132	do....	Central Electric Co.....	Paste.....	2 08
O 5133	do....	Carbondale Printing Co.....	Printing.....	7 00
O 5134	do....	Louis Melind Co.....	General supplies.....	4 60
O 5135	do....	Joseph Gillott & Son.....	do.....	2 19
O 5136	do....	A. C. McClurg & Co.....	do.....	5 66
O 5137	do....	Lemeke & Buechner.....	Books.....	4 93
O 5138	do....	B. E. Powell.....	Traveling expenses.....	16 98
O 5139	do....	C. C. Rees.....	do.....	6 60
O 5140	do....	H. A. Ruehe.....	do.....	16 19
O 5141	do....	L. E. Wallace.....	Rent.....	400 00
O 5142	do....	R. E. Hieronymus.....	Traveling expenses.....	30 91
O 5143	do....	Percy Ash.....	do.....	19 01
O 5144	do....	Robert B. Keller.....	do.....	9 45
O 5145	do....	Earl Garver.....	Wages.....	65 00
O 5146	do....	C. G. Cox.....	do.....	60 00
O 5147	do....	H. C. Lawson.....	do.....	60 00
O 5148	do....	C. L. Reisner.....	do.....	60 00
O 5149	do....	H. E. Codlin.....	do.....	60 00
O 5150	do....	R. R. Manley.....	do.....	55 00
O 5151	do....	R. S. Dunham.....	do.....	60 00
O 5152	do....	G. S. Beaumont.....	do.....	60 00
O 5153	do....	R. H. Hadley.....	do.....	55 00
O 5154	Dec. 24	The Gym Store.....	Laboratory apparatus.....	58 00
O 5155	do....	F. W. Woolworth Co.....	Frames.....	1 90
O 5156	do....	Montgomery Ward & Co.....	General supplies.....	18 15
O 5157	do....	American Steel Foundries.....	Laboratory supplies.....	4 25
O 5158	do....	Hardie Mfg. Co.....	Spray.....	21 50

## OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
1914				
O 5159	Dec. 24	Geo. B. Carpenter & Co.	Colored waste	\$ 11 43
O 5160	do.	Andrus & Church	Labels	1 90
O 5161	do.	Standard Oil Co.	Oil	57 40
O 5162	do.	Harris-Dillavou & Co.	Bernice lump	14 00
O 5163	do.	J. B. Lyon Co.	Office supplies	3 50
O 5164	do.	Guy M. Pelton	Traveling expenses	5 04
O 5165	do.	Harriet L. Bouldin	do.	1 05
O 5166	do.	Charlotte L. Riehmann	do.	2 17
O 5167	do.	F. L. Stuart	do.	5 69
O 5168	do.	Ruth Moore	do.	1 96
O 5169	do.	Renzo Muckelroy	do.	7 20
O 5170	do.	F. W. Johnson	do.	4 92
O 5171	do.	L. Day Perry	do.	7 23
O 5172	do.	J. Scott Wiseman	do.	7 88
O 5173	do.	George Edward Marshall	do.	13 98
O 5174	do.	F. S. Needham	do.	6 29
O 5175	do.	Arthur L. Loring	do.	1 05
O 5176	do.	Marion Sykes	do.	4 80
O 5177	do.	George White	do.	1 96
O 5178	do.	Eunice R. Blackburn	do.	2 92
O 5179	do.	Continental Fibre Co.	do.	8 66
O 5180	do.	L. R. Bruant	Apples	1 50
O 5181	do.	G. A. Garrison	Labor	9 42
O 5182	do.	Thomas Nelson & Sons	Subscription	5 00
O 5183	do.	L. A. Harding	Traveling expenses	24 29
O 5184	do.	L. E. Knorr, Assistant Comptroller	Student labor	1,009 06
O 5185	Dec. 28	J. M. Hanson-Bennett Magazine Agency	Books	1,193 05
O 5186	do.	Chivers Book Binding Co.	Binding	42 48
O 5187	do.	High School Life	Advertising	5 00
O 5188	do.	American Pharmaceutical Assn.	do.	9 00
O 5189	do.	Ebner Ice & Cold Storage Co.	Storage	25 50
O 5190	do.	John Reichard	Feeding stuff	84 71
O 5191	do.	Eugene Dietzgen Co.	Laboratory supplies	43 17
O 5192	do.	Beardsley Hotel Co.	Traveling expenses	4 63
O 5193	do.	American Chemical Society	Books	10 00
O 5194	do.	Urbana Courier Co.	Magazine	3 00
O 5195	do.	University of Chicago Press	Books	7 40
O 5196	do.	The Garden City Sand Co.	Sand and cement	1 75
O 5197	do.	Parke-Davis & Co.	General supplies	1 00
O 5198	do.	V. Mueller & Co.	do.	6 85
O 5199	do.	The Liquid Carbonic Co.	Drum gas, l.	1 50
O 5200	do.	C. L. Frane Dental Supply Co.	General supplies	5 63
O 5201	do.	H. F. Bremer	Repair work	30 05
O 5202	do.	Barron Bros. Coal Co.	Animal feed	3 00
O 5203	do.	Armour & Co.	General supplies	15 02
O 5204	do.	A. C. McClurg & Co.	Office supplies	7 44
O 5205	do.	Henry B. Ward	Traveling expenses	4 70
O 5206	do.	Antiseptol Liquid Soap Co.	Liquid soap	28 20
O 5207	do.	Arthur Ochs	Rabbits	15 00
O 5208	do.	E. H. Sargent & Co.	Mercury bulbs	2 25
O 5209	do.	Illinois Malleable Iron Co.	Machine repairs	4 47
O 5210	Dec. 29	Maas Bros.	General supplies	54 13
O 5211	do.	Morrison, Plummer & Co.	Laboratory supplies	54 89
O 5212	do.	The Burr Co.	General supplies	5 18
O 5213	do.	Alexander Lumber Co.	Building material	68 31
O 5214	do.	D. H. Lloyd	Blue printing	26 95
O 5215	do.	Defender Photo Supply Co.	General supplies	38 71
O 5216	do.	Blanke Mfg. & Supply Co.	do.	3 75
O 5217	do.	John H. Doyle	Building material	11 45
O 5218	do.	E. H. Sargent & Co.	Laboratory apparatus	98 82
O 5219	do.	J. M. Hanson-Bennett Magazine Agency	Printing	38 50
O 5220	do.	Hunter Rourke & Co.	General supplies	20 60
O 5221	do.	Illinois State Reformatory	Printing	56 00
O 5222	do.	T. I. Killpatrick	General supplies	10 50
O 5223	do.	Metzler & Schafer Co.	do.	12 66
O 5224	do.	W. W. Walls & Co.	Building repairs	11 14
O 5225	do.	Taylor Hardware Co.	Laboratory supplies	13 15
O 5226	do.	Percival & Moorehead	General supplies	18 48
O 5227	do.	Barber Colman Co.	Laboratory supplies	4 51
O 5228	do.	The American Guernsey Cattle Club	Sundries	5 00
O 5229	do.	Geo. E. Ansberry Co.	Laboratory supplies	1 00
O 5230	do.	Champaign Ice Cream Co.	General supplies	1 86
O 5231	do.	G. Cramer Dry Plate Co.	do.	20 06
O 5232	do.	Conrad Slide & Projection Co.	Laboratory apparatus	11 25
O 5233	do.	Champaign Bottling Works	Laboratory supplies	6 00
O 5234	do.	The Creamery Package Mfg. Co.	Freight	1 30
O 5235	do.	The Caldwell Co.	Sundries	1 50
O 5236	do.	Eugene Dietzgen Co.	General supplies	1 48



## OPERATION, MAINTENANCE, AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
<b>1914</b>				
O 5237	Dec. 29	Denver Fire Clay Co.	Laboratory supplies.	\$ 14 02
O 5238	do.	Reliable Plumbing & Heating Co.	General supplies.	5 28
O 5239	do.	Flanigan-Pearson Co.	Printing.	28 50
O 5240	do.	T. G. Fenton.	General supplies.	1 30
O 5241	do.	The Frederick Post Co.	do.	16 28
O 5242	do.	Irving-Pitt Mfg. Co.	Office supplies.	2 23
O 5243	do.	Ennis Hay Co.	Feeding stuffs.	146 61
O 5244	do.	Erker Bros. Optical Co.	Laboratory apparatus.	2 50
O 5245	do.	The Eisner Grocery Co.	Laboratory supplies.	13 13
O 5246	do.	Malcolm H. Gardene.	General supplies.	21 40
O 5247	do.	T. M. Kehoe & Co.	Hay.	133 64
O 5248	do.	Geo. Murphy.	Laboratory apparatus.	12 48
O 5249	do.	Westerlin & Campbell Co.	do.	40 00
O 5250	do.	Twin City Ice & Cold Storage Co.	Ice.	25 00
O 5251	do.	University Press.	Incidentals.	5 00
O 5252	do.	New England Entom. Co.	Laboratory supplies.	1 15
O 5253	do.	Von Lengerke & Antoine.	Laboratory apparatus.	4 94
O 5254	do.	New York Botanical Garden.	Books.	1 50
O 5255	do.	F. K. Robeson.	Blankets.	3 96
O 5256	do.	A. L. Sawers.	Ventilators.	10 00
O 5257	do.	Sauveur & Boylston.	Laboratory supplies.	12 33
O 5258	do.	The Standard Calorimeter Co.	Calorimeter.	3 65
O 5259	do.	Standard Oil Co.	Oil.	7 50
O 5260	do.	Shavings & Sawdust Co.	Shavings.	84 31
O 5261	do.	The Lumiere Jougla Co.	General supplies.	7 41
O 5262	do.	W. Lewis & Co.	Laboratory supplies.	2 90
O 5263	do.	Putman-Page Co.	Office supplies.	3 60
O 5264	do.	B. A. Grasberger & Co.	General supplies.	25 00
O 5265	do.	L. E. Knorr, Assistant Comptroller.	General labor.	370 25
O 5266	do.	L. E. Knorr, Assistant Comptroller.	Student labor.	217 30
O 5267	Dec. 30	D. T. Dobbins.	Grinding.	4 50
O 5268	do.	Geraghty & Co.	Buttons.	1 75
O 5269	do.	W. J. Fraser.	Traveling expenses.	17 55
O 5270	do.	H. A. Winter.	do.	29 00
O 5271	do.	The Breeders Gazette.	Advertising.	31 50
O 5272	do.	Indian Refining Co.	Coal oil.	3 25
O 5273	do.	The Emil Greiner Co.	Laboratory supplies.	2 58
O 5274	do.	The Creamery Package Mfg. Co.	General supplies.	4 00
O 5275	do.	F. C. Hubbard.	Feeding stuffs.	847 40
O 5276	do.	Sharp, Partridge & Co.	General supplies.	120 78
O 5277	do.	Charles Engelhard.	Laboratory supplies.	90 00
O 5278	do.	Leavitt Mfg. Co.	Apparatus repairs.	3 00
O 5279	do.	Vaughans Seed Store.	General supplies.	10 70
O 5280	do.	Lehigh University.	do.	10 50
O 5281	do.	Anseo Co.	do.	9 60
O 5282	do.	McKey & Poague.	Rent.	500 00
O 5283	do.	Chicago Engineer Supply Co.	Laboratory supplies.	3 50
O 5284	do.	C. Jevins & Co.	Food.	2 40
O 5285	do.	Champaign Seed Co.	Laboratory supplies.	2 00
O 5286	do.	F. C. Hubbard.	Food.	8 70
O 5287	do.	Mrs. Jane Egginton.	Rentals.	30 00
O 5288	do.	Emmett Fiscue.	Food.	5 00
O 5289	do.	L. K. Howse.	General supplies.	7 60
O 5290	do.	McIntosh Stereopticon Co.	Laboratory apparatus.	8 50
O 5291	do.	Knowlton & Bennett.	General supplies.	95
O 5292	do.	G. C. Willis.	do.	12 61
O 5293	do.	Flanigan-Pearson Co.	Publications.	1,186 63
O 5294	do.	Review Printing & Stationery Co.	do.	753 49
O 5295	do.	J. M. Hanson-Bennett Magazine Agency.	General supplies.	28 95
O 5296	do.	Dr. H. A. Harding.	Traveling expenses.	126 14
O 5297	do.	Standard Oil Co.	Laboratory supplies.	17 45
O 5298	do.	John H. Doyle.	do.	12 60
O 5299	do.	Twin City Ice & Cold Storage Co.	Rentals.	5 50
O 5300	do.	Alexander Lumber Co.	General supplies.	2 07
O 5301	do.	E. H. Sargent & Co.	Laboratory supplies.	1 00
O 5302	do.	D. H. Lloyd.	Office supplies.	62 50
O 5303	do.	Hall Hardware Co.	Laboratory supplies.	7 50
O 5304	do.	Percival & Moorehead.	do.	2 45
O 5305	do.	Eisner Grocery Co.	General supplies.	3 85
O 5306	do.	Keystone Supply Co.	Office supplies.	2 00
O 5307	do.	Rodney B. Swift.	Traveling expenses.	11 45
O 5308	do.	Frank A. Pearson.	do.	6 21
O 5309	do.	Pittsburg Shafting Co.	Laboratory supplies.	4 71
O 5310	do.	Machinists Supply Co.	do.	5 34
O 5311	do.	The Bristol Co.	General supplies.	12 00
O 5312	do.	The Linde Air Products Co.	Laboratory supplies.	1 50
O 5313	do.	Harris-Dillavou & Co.	do.	16 77
O 5314	do.	Alvah Bushnell Co.	Office supplies.	3 25

## OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1914			
O 5315	Dec. 31	Florence Stoutzenberg	Student labor	\$ 25 00
O 5316	do.	H. T. Reeves	Laboratory assistant	68 00
	1915			
O 5317	Jan. 5	Leavitt Mfg. Co.	General supplies	25 32
O 5318	do.	Illinois State Reformatory	Printing	67 20
O 5319	do.	Barnhart Bros.	General supplies	1 95
O 5320	do.	Jas. B. Clow & Sons	do	14 41
O 5321	do.	S. E. Huff & Co.	do	9 25
O 5322	do.	J. M. Hanson-Bennett Magazine Agency	do	43 15
O 5323	do.	R. C. Wagner & Son	General labor	51 05
O 5324	do.	Taylor Hardware Co.	General supplies	129 39
O 5325	do.	Wm. Hix	Labor	105 00
O 5326	do.	The Western Electric Co.	Electrical supplies	94 58
O 5327	do.	Walker & Mulliken	Linoleum	3 66
O 5328	do.	William Bros.	Glass	8 80
O 5329	do.	Bacon Bros.	Building repairs	113 90
O 5330	do.	Alexander Lumber Co.	Shavings	9 50
O 5331	do.	J. L. Fidler Motor Co.	Bolts and plugs	2 75
O 5332	do.	The Western Roofing & Supply Co.	Building repairs	15 33
O 5333	do.	The A. Burdsal Co.	Line brush	3 17
O 5334	do.	Weil Brothers	Drainer	9 50
O 5335	do.	Urbana & Champaign Ry., Gas & Electric Co.	Mazda lamps	6 00
O 5336	do.	Wright Mfg. Co.	Air trap	6 34
O 5337	do.	S. O. Andros	Traveling expenses	29 30
O 5338	do.	H. A. Hollister	do	12 10
O 5339	do.	C. E. Howell	do	1 80
O 5340	do.	Olive Percival	Lectures	90 00
O 5341	do.	Harry Herrick	Spark plugs	6 00
O 5342	do.	Western Union Telegraph Co.	Service	3 00
O 5343	do.	Homestead Co.	Iowa homestead	4 10
O 5344	do.	Robert F. Hildebrand	Lantern slides	19 80
O 5345	do.	Olney Milling Co.	Feeding stuff	50 33
O 5346	do.	Jolly Wieland & Richardson Co.	General supplies	29 35
O 5347	do.	West Disinfecting Co.	Liquid soap	3 50
O 5348	do.	The Engineering Magazine Co.	Books	4 00
O 5349	do.	Chas. M. Samson	do	5 00
O 5350	do.	The National Steam Pump Co.	Valves	7 20
O 5351	do.	Western Valve Co.	Angle valves	23 76
O 5352	do.	Neptune Meter Co.	Pistons	8 80
O 5353	do.	Walworth Mfg. Co.	Gate valves	20 26
O 5354	do.	Geo. B. Carpenter & Co.	Packing	33 83
O 5355	do.	Indianapolis Paint & Color Co.	Paint	117 30
O 5356	do.	French Battery & Carbon Co.	No. 6 Auto. specimen	21 00
O 5357	do.	Beckle-Cardy Co.	Door mats	24 00
O 5358	do.	Central Electric Co.	Electrical supplies	62 00
O 5359	do.	Luitwiler Pumping Engine Co.	Pistons	85 00
O 5360	do.	American Steam Pump Co.	Piston rods	30 90
O 5361	do.	G. A. Garrison	Team labor	13 86
O 5362	do.	Southern Illinois Penitentiary	Brushes	9 42
O 5363	do.	Illinois State Penitentiary	Brooms	6 48
O 5364	do.	J. Horace McFarland Co.	Lantern slides	7 50
O 5365	do.	U. S. Encaustic Tile Works	Laboratory supplies	15 90
O 5366	do.	Henry Bosch Co.	Building repairs	1 15
O 5367	do.	Wm. Hix	Labor	60 00
O 5368	do.	Danville Collieries Coal Co.	Coal	81 00
O 5369	do.	The Wabash Cabinet Co.	Office supplies	20 20
O 5370	do.	Telephony Publishing Co.	Books	8 00
O 5371	do.	Reliable Plumbing & Heating Co.	General supplies	2 99
O 5372	do.	Eisner Grocery Co.	Food supplies	26 39
O 5373	do.	J. W. Butler Paper Co.	General supplies	213 34
O 5374	do.	D. T. Dobbins	Food supplies	3 50
O 5375	do.	The Tablet & Ticket Co.	Office supplies	1 33
O 5376	do.	G. C. Willis	General supplies	16 50
O 5377	do.	The Elliott Co.	Stencils	2 51
O 5378	do.	Abbot & Co.	Crayon paper	1 34
O 5379	do.	E. H. Sargent & Co.	Glass tubing	5 10
O 5380	do.	Fuller & Fuller Co.	Laboratory supplies	48 63
O 5381	do.	Joseph Alexander	Light supplies	16 30
O 5382	do.	C. C. Logan	Traveling expenses	36 70
O 5383	do.	E. E. Hoskins	do	29 19
O 5384	do.	O. S. Fisher	do	8 20
O 5385	do.	Corbin Cabinet Lock Co.	Keys	7 62
O 5386	Jan. 6	E. A. Eichhorst	Machine repairs	7 95
O 5387	do.	Flanigan-Pearson Co.	Printing	94 85
O 5388	do.	Dallenbach Bros.	Laboratory supplies	4 40
O 5389	do.	Swartz Electric Shop	Locks	5 93
O 5390	do.	A. L. Burr	Museum specimens	2 00

## OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
1915				
O 5391	Jan. 6	Walker & Mulliken.....	Shades.....	\$ 3 40
O 5392	do.	Rogers & Hall Co.....	Bulletins.....	265 04
O 5393	do.	Geo. B. Carpenter & Co.....	Cotton.....	22 32
O 5394	do.	W. R. Garrett.....	Field work.....	20 20
O 5395	do.	J. B. Marshall.....	do.....	82 00
O 5396	do.	Bausch & Lomb Optical Co.....	Earthenware.....	12 00
O 5397	do.	The Gym Store.....	Golf net.....	90 00
O 5398	do.	Houser & Sutton.....	Hay.....	168 19
O 5399	do.	Harris-Dillavou & Co.....	General supplies.....	7 00
O 5400	do.	National Wool Warehouse & Storage Co.....	Wool sacks.....	3 00
O 5401	do.	Conner & Quayle.....	Horse shoes.....	25 00
O 5402	do.	The Tablet & Ticket Co.....	Office supplies.....	4 43
O 5403	do.	Feeder Mfg. Co.....	Apparatus repairs.....	8 94
O 5404	do.	American Multigraph Sales Co.....	Feed roll.....	3 68
O 5405	do.	Buffalo Scale Co.....	Test weight.....	5 28
O 5406	do.	W. C. Bryant.....	Corn.....	10 00
O 5407	do.	Shavings & Sawdust Co.....	Shavings.....	92 85
O 5408	do.	Indian Refining Co.....	General supplies.....	228 73
O 5409	Jan. 7	Remington Typewriter Co.....	Carbon paper.....	18 46
O 5410	do.	Manhattan Electrical Supply Co.....	Electrical supplies.....	20 69
O 5411	do.	J. W. Butler Paper Co.....	General supplies.....	17 71
O 5412	do.	Twin City Roofing Co.....	Building repairs.....	45 65
O 5413	do.	Chas. B. Price.....	Traveling expenses.....	68 02
O 5414	do.	C. W. Wray.....	do.....	15 23
O 5415	do.	C. F. Goodman.....	do.....	68 45
O 5416	do.	G. S. Beaumont.....	do.....	7 77
O 5417	do.	C. G. Cox.....	do.....	10 32
O 5418	do.	R. S. Dunham.....	do.....	10 91
O 5419	do.	H. C. Lawson.....	do.....	16 37
O 5420	do.	Stephen Rogers.....	Fieldwork.....	41 55
O 5421	do.	Wm. Aten, Sr.....	do.....	9 00
O 5422	do.	L. Lewis & Co.....	General supplies.....	6 61
O 5423	do.	Hatch-Wilcoxson Coal Co.....	Coal.....	334 96
O 5424	do.	The Western Electric Co.....	Laboratory supplies.....	49 94
O 5425	do.	Julius King Optical Co.....	General supplies.....	5 87
O 5426	do.	National Roofing Material Co.....	Burlap roofing.....	75 00
O 5427	do.	A. Fisher.....	Pedestals.....	5 40
O 5428	do.	J. M. Hanson-Bennett Magazine Agency.....	General supplies.....	17 65
O 5429	do.	Neostyle Co.....	Stencils.....	12 00
O 5430	do.	Irving-Pitt Mfg. Co.....	Paint.....	4 69
O 5431	do.	Underwood Typewriter Co.....	Stencil paper.....	24 00
O 5432	do.	United States Blue Print Paper Co.....	Tracing paper.....	6 48
O 5433	do.	Burroughs Adding Machine Co.....	Roll NB paper.....	9 25
O 5434	do.	The Weis Mfg. Co.....	General supplies.....	33 47
O 5435	do.	H. D. Oberdorfer.....	Traveling expenses.....	12 89
O 5436	do.	John Becker.....	Laboratory supplies.....	4 00
O 5437	do.	Huntley Dairy Co.....	Milk.....	3 38
O 5438	do.	Physician's Supply & Drug Co.....	General supplies.....	1 15
O 5439	do.	V. Mueller & Co.....	do.....	17 15
O 5440	do.	Maas Bros.....	Building repairs.....	5 25
O 5441	do.	Peoples Gas Light & Coke Co.....	Gas.....	71 20
O 5442	do.	J. M. Hanson-Bennett Magazine Agency.....	Books.....	93 95
O 5443	do.	Chicago Telephone Co.....	Toll.....	39 61
O 5444	do.	The Fair.....	Dish washer.....	5 36
O 5445	do.	Pittsburgh Plate Glass Co.....	Glass.....	1 50
O 5446	do.	Canadian Bird Store.....	Animals.....	7 20
O 5447	do.	American Radiator Co.....	General supplies.....	24 04
O 5448	do.	T. G. Hartwell Co.....	Coal.....	621 51
O 5449	do.	The Caldwell Co.....	Mazda lamp.....	41 75
O 5450	do.	Manhattan Electric Supply Co.....	Electrical supplies.....	7 98
O 5451	do.	The Fitch Dstdown Co.....	Mops.....	36 00
O 5452	do.	Jonsson Bros.....	General supplies.....	6 91
O 5453	do.	Chicago Watchman's Clock Works.....	Clock dials.....	14 70
O 5454	do.	W. Lewis & Co.....	Cloth.....	5 40
O 5455	do.	White Line Laundry.....	Laundry.....	87 44
O 5456	Jan. 8	G. W. Sheldon & Co.....	Freight.....	2 32
O 5457	do.	Tice & Lynch.....	do.....	8 26
O 5458	do.	Morrison Plummer & Co.....	General supplies.....	14 46
O 5459	do.	Board of Trustees, Second Presbyterian Church.....	Rent.....	60 00
O 5460	do.	W. E. Holben.....	Traveling expenses.....	16 90
O 5461	do.	Walter H. Rowe.....	Lectures.....	18 00
O 5462	do.	D. M. White.....	Field work.....	9 15
O 5463	do.	J. J. Rinard.....	Rent.....	100 00
O 5464	do.	University Club.....	Traveling expenses.....	9 60
O 5465	do.	L. C. Smith & Bros.....	Typewriter.....	67 50
O 5466	do.	Barron Bros. Coal Co.....	Animal feed.....	6 25
O 5467	do.	Marshall Field & Co.....	Building repairs.....	31 60

## OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
1915				
O 5468	Jan. 8	F. M. Foltz	Sundries	\$ 8 70
O 5469	do.	Illinois State Reformatory	Printing	85 75
O 5470	do.	Fuller & Fuller Co.	Laboratory supplies	15 15
O 5471	do.	Louis Melind Co.	Sundries	1 70
O 5472	do.	Baker & Co.	Laboratory supplies	24 52
O 5473	do.	Norton Co.	do.	9 90
O 5474	do.	Eimer & Amend	General supplies	18 78
O 5475	do.	John W. Spalding	Horseshoeing	12 00
O 5476	do.	Champaign Steam Laundry	Laundry	28 57
O 5477	do.	Leavitt Mfg. Co.	Apparatus repairs	13 42
O 5478	do.	Flanigan-Pearson Co.	Printing	108 80
O 5479	do.	Watson Faulkner	General supplies	8 60
O 5480	do.	Eisner Grocery Co.	do.	10 90
O 5481	do.	The Burr Co.	Building material	57 15
O 5482	do.	G. C. Willis	General supplies	12 72
O 5483	do.	Taylor Hardware Co.	Laboratory supplies	89 38
O 5484	do.	Maas Bros.	General supplies	1 55
O 5485	do.	The Western Electric Co.	do.	8 72
O 5486	do.	E. H. Sargent & Co.	Laboratory supplies	232 57
O 5487	do.	Weis Mfg. Co.	Office supplies	9 36
O 5488	do.	Kenuffel & Esser Co.	do.	14 53
O 5489	do.	Drop-A-Line Indicator Co.	Indicators	13 50
O 5490	do.	Sharon Coal & Brick Co.	Coal	552 50
O 5491	do.	Associated Architects Printing & Supply Co.	General supplies	9 00
O 5492	do.	Sheldon Brick & Building Supply Co.	Brick	4 00
O 5493	do.	Kuhl & Loehr	Bicycle wheel	1 00
O 5494	do.	W. A. Manda	General supplies	25 00
O 5495	do.	C. C. Ferguson	Horseshoes	8 00
O 5496	do.	Weimer & Schweinsberg	General supplies	8 50
O 5497	do.	Illinois Glass Co.	Laboratory supplies	159 50
O 5498	do.	McIntosh Stereopticon Co.	Slide boxes	13 50
O 5499	do.	White Line Steam Laundry	Laundry	15 85
O 5500	do.	Dannison Mfg. Co.	Gummed labels	1 05
O 5501	do.	Champaign Seed Co.	Seeds	4 70
O 5502	do.	The Geo. J. Roberts Co.	Pump packings	1 26
O 5503	do.	Hanovia Chemical & Mfg. Co.	Laboratory supplies	27 96
O 5504	do.	America Rolling Mills Co.	General supplies	2 60
O 5505	do.	Driver-Harris Wire Co.	Laboratory supplies	2 62
O 5506	do.	Twin City Electric Co.	Electrical supplies	6 00
O 5507	do.	Electric Appliance Co.	Motor oil	1 31
O 5508	do.	Diack & Smith	Laboratory supplies	19 50
O 5509	do.	The Standard Calorimeter Co.	do.	37 69
O 5510	do.	Hoffman & Kropff Chemical Co.	Methyl aniline	1 50
O 5511	do.	Merck & Co.	Laboratory supplies	95 86
O 5512	do.	Chas. A. Stralinger Co.	General supplies	16 56
O 5513	do.	Pt. Wayne Electric Works	do.	2 78
O 5514	do.	C. H. Besly & Co.	Laboratory supplies	9 91
O 5515	do.	F. W. Devos & T. Raynolds Co.	General supplies	16 20
O 5516	do.	The Kny-Scheerer Co.	Laboratory supplies	1 00
O 5517	do.	Harvard Apparatus Co.	do.	15 30
O 5518	do.	Woldenberg & Schaar	Filters	50 06
O 5519	do.	Morgan Rug Mfg. Co.	Matting	84 75
O 5520	do.	M. A. Donohue & Co.	Slating	1 55
O 5521	do.	H. Swannell & Son	General supplies	6 05
O 5522	do.	B. A. Strauch	Blue printing	8 12
O 5523	do.	Twin City Ice & Cold Storage Co.	Ice	24 00
O 5524	do.	W. Lewis & Co.	General supplies	3 60
O 5525	do.	V. Mueller & Co.	Culture tubes	52 50
O 5526	do.	R. L. Polk & Co.	Advertising	50 00
O 5527	do.	Thos. J. Dee & Co.	General supplies	12 73
O 5528	do.	C. L. Frame Dental Supply Co.	Dental supplies	10 67
O 5529	do.	Chicago Towel Co.	Laundry	30 91
O 5530	do.	Western Union Telegraph Co.	Service	9 00
O 5531	do.	Fairbanks, Morse & Co.	Payson casters	2 40
O 5532	do.	M. J. Corboy Co.	General supplies	15 65
O 5533	do.	Hygienic Fibre Co.	Gauze 18"	65 00
O 5534	do.	Remington Typewriter Co.	Carbon paper	5 00
O 5535	do.	Pittsburgh Plate Glass Co.	Glass	6 80
O 5536	do.	A. C. McClurg & Co.	General supplies	2 33
O 5537	do.	Michel Long & Sons	Cinders	6 00
O 5538	do.	Fuller-Morrison Co.	Vaseline	6 25
O 5539	do.	Lurene Seymour	Traveling expenses	18 09
O 5540	do.	L. E. Knorr, Assistant Comptroller	General labor	482 33
O 5541	do.	L. E. Knorr, Assistant Comptroller	Student labor	391 85
O 5542	Jan. 9	E. H. Sargent & Co.	Laboratory supplies	59 25
O 5543	do.	Buffalo Scale Co.	Office supplies	12 50
O 5544	do.	Wm. Gaertner & Co.	Stop watches	12 63
O 5545	do.	Standard Cap & Seal Co.	Milk caps	100 00

## OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
<b>1915</b>				
O 5546	Jan. 9	Louis F. Nafis.	Laboratory supplies.	\$ 63 75
O 5547	do.	Champaign Ice Cream Co.	Ice cream spoons.	4 00
O 5548	do.	American School of Home Economics.	Dishwasher.	1 50
O 5549	do.	G. R. Grubb & Co.	Copper half-tones.	5 50
O 5550	do.	Stipes & Hecker.	White sand.	55 13
O 5551	do.	Dayton Fruit Tree Label Co.	Pot labels.	8 00
O 5552	do.	Johnson Brothers.	Hose bibbs.	1 50
O 5553	do.	Illinois Glass Co.	Laboratory supplies.	13 05
O 5554	do.	International Press Clipping Bureau.	Clipping service.	5 00
O 5555	do.	Louis Holmgren.	Brain material.	10 00
O 5556	do.	C. H. Besley & Co.	General supplies.	40 57
O 5557	do.	Green Engineering Co.	do.	145 21
O 5558	do.	James B. Clow & Sons.	do.	20 80
O 5559	do.	Swartz Electric Shop.	Cells.	16 22
O 5560	do.	Central Electric Co.	Fuse plugs.	40 63
O 5561	do.	Esther Becker.	Traveling expenses.	5 32
O 5562	do.	L. A. Madden.	do.	1 92
O 5563	do.	J. D. White.	Postage.	130 00
O 5564	do.	The Book Shop Bindery.	Journals.	23 15
O 5565	do.	Chicago Towel Co.	Laundry.	27 33
O 5566	Jan. 11	Western Union Telegraph Co.	Toil.	15 00
O 5567	do.	Hamblin Plumbing Co.	Plumbing.	29 50
O 5568	do.	Calumet Laundry Co.	Laundry.	113 98
O 5569	do.	Arthur Ochs.	Rabbits.	9 00
O 5570	do.	Champaign Seed Co.	Museum specimens.	23 05
O 5571	do.	Machinist Supply Co.	Laboratory supplies.	63 26
O 5572	do.	B. E. Spalding.	do.	1 92
O 5573	do.	R. C. Wagner & Son.	Teaming.	604 50
O 5574	do.	E. A. Eichhorst.	General supplies.	7 55
O 5575	do.	The Creamery Package Mfg. Co.	do.	7 53
O 5576	do.	S. E. Dillavou.	do.	165 25
O 5577	do.	G. C. Willis.	Laboratory apparatus.	6 37
O 5578	do.	John H. Doyle.	General supplies.	19 40
O 5579	do.	R. W. Braithwaite.	do.	75 85
O 5580	do.	Illinois State Reformatory.	Printing.	85 80
O 5581	do.	Twin City Ice & Cold Storage Co.	Ice.	27 80
O 5582	do.	Alexander Lumber Co.	Lumber.	27 91
O 5583	do.	S. E. Huff & Co.	do.	13 50
O 5584	do.	Twin City Roofing Co.	Repair work.	48 24
O 5585	do.	Chester Horseshoeing Shop.	Horseshoes.	42 00
O 5586	do.	Miller Harness Co.	General supplies.	9 00
O 5587	do.	Leavitt Mfg. Co.	Thermostat.	38 80
O 5588	do.	J. J. Yoke.	Traveling expenses.	35 24
O 5589	Jan. 12	Central Supply Co.	Building material.	106 19
O 5590	do.	Flanigan-Pearson Co.	Printing.	131 92
O 5591	do.	Joseph Gillett & Son.	Office supplies.	3 74
O 5592	do.	Oldham Bros.	General supplies.	1 60
O 5593	do.	Irving-Pitt Mfg. Co.	Book cover.	1 48
O 5594	do.	Hollis & Duncan.	do.	7 47
O 5595	do.	Joseph Dixon Crucible Co.	Weights.	7 58
O 5596	do.	Central Union Telephone Co.	Rent.	161 00
O 5597	do.	G. L. Peltier.	Traveling expenses.	75 33
O 5598	do.	J. J. Didcock.	do.	8 94
O 5599	do.	Boylston Steam Specialty Co.	Steam trap.	15 44
O 5600	do.	Green Engineering Co.	General supplies.	84 84
O 5601	do.	Willett & Gray.	Magazine.	5 00
O 5602	do.	E. A. Holbrook.	Traveling expenses.	31 29
O 5603	do.	B. E. Spalding.	Glycerine.	1 75
O 5604	do.	Ernst Leitz.	Laboratory supplies.	48 18
O 5605	do.	J. M. Hanson-Bennett Magazine Agency.	Photo era.	1 20
O 5606	do.	The Frederick Post Co.	General supplies.	11 00
O 5607	do.	The Brookmire Economic Service.	Service.	50 00
O 5608	do.	J. C. Sitterly.	Limestone.	40 60
O 5609	do.	Chicago Fire Proof Storage Warehouse.	Storage.	3 00
O 5610	do.	Twin City Roofing Co.	Feed cans.	27 80
O 5611	do.	The R. Woodman Mfg. & Supply Co.	Laboratory supplies.	1 04
O 5612	do.	The Elliott Co.	Eliotype blanks.	12 00
O 5613	do.	E. W. Sampson.	Storage.	15 00
O 5614	do.	Neostyle Co.	Office supplies.	1 75
O 5615	do.	W. D. Allen Mfg. Co.	General supplies.	6 19
O 5616	do.	Geo B. Carpenter & Co.	Emery cloth.	11 03
O 5617	do.	Shelton Electric Co.	Electrical supplies.	15 85
O 5618	do.	Crane Co.	General supplies.	3 45
O 5619	do.	French Battery & Carbon Co.	do.	20 58
O 5620	do.	The Babcock & Wilcox Co.	Fire felt.	9 00
O 5621	do.	L. E. Knorr, Assistant Comptroller.	General labor.	670 72
O 5622	do.	L. E. Knorr, Assistant Comptroller.	Student labor.	767 34
O 5623	Jan. 13	Pay roll.	January, 1915.	88,157 51
		Filbey, E. J.	Salary.	\$ 183 33

## OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
O 5623 Ctd.	1915 Jan. 13	James, Edmund J.	Salary	\$1,000 00
		Frazer, George E.	do.	333 33
		Fair, Sue M.	do.	80 00
		Warnock, A. R.	do.	150 00
		Clark, T. A.	do.	500 00
		Strong, Lillian	do.	50 00
		Kyle, Martha J.	do.	166 66
		Huff, G. A.	do.	416 66
		Manley, E. J.	do.	100 00
		Jones, R. R.	do.	120 00
		Gill, Harry	do.	220 00
		Fargo, E. N.	do.	166 66
		Casner, Sidney	do.	40 00
		Moulton, Gertrude E.	do.	133 33
		Brooks, Verna	do.	100 00
		Osmond, Edith G.	do.	90 00
		Hughitt, Anna L.	do.	110 00
		Shoemaker, Dorothy-Ruth.	do.	80 00
		Gaut, Rosa-Lee	do.	50 00
		Jackson, Mabel	do.	20 00
		Webster, F. D.	do.	48 00
		Holister, H. A.	do.	270 83
		Didcoot, J. J.	do.	133 33
		Eldredge, A. G.	do.	250 00
		Bollman, Minnie J.	do.	32 50
		Breedis, John	do.	18 00
		Britton, F. E.	do.	40 00
		Christy, Glen	do.	18 00
		Craig, Jennie A.	do.	80 00
		Drury, F. K. W.	do.	200 00
		Dunlap, Fannie	do.	65 00
		Felsenthal, Emma	do.	83 33
		Fontaine, E. O.	do.	36 00
		Gibson, Mable	do.	27 50
		Goulding, F. S.	do.	166 66
		Graves, C. E.	do.	100 00
		Herdman, Margaret	do.	75 00
		Hubbard, Marie	do.	27 50
		Hutchins, Margaret	do.	83 33
		Janvrin, C. E.	do.	41 66
		Johnson, Alice	do.	83 33
		Jutton, Emma R.	do.	108 33
		Leatherman, Marian	do.	75 00
		Patton, Ada	do.	91 66
		Torrance, Mary C.	do.	75 00
		Troy, Mary Z.	do.	65 00
		Windsor, P. L.	do.	291 66
		Conat, Mabel	do.	65 00
		England, Grace	do.	65 00
		Erwin, Elizabeth	do.	30 00
		Eppinger, J. G.	do.	36 00
		Williams, Margaret	do.	48 00
		Baecholdt, Elsie	do.	48 00
		Wyeth, Ola M.	do.	80 00
		Price, M. A.	do.	70 00
		Wood, H. T.	do.	30 00
		Roberts, Nellie	do.	32 50
		Hester, Elizabeth	do.	60 00
		Signor, Nelle, (Student)	do.	32 50
		Davenport, Eugene	do.	500 00
		Checkley, J. H.	do.	100 00
		Hieronymus, R. E.	do.	250 00
		Jamison, A. W.	do.	166 66
		Miller, W. P.	do.	50 00
		Nolan, A. W.	do.	200 00
		Rankin, F. H.	do.	291 66
		Allyn, Orr	do.	100 00
		Aumer, J. P.	do.	150 00
		Bauer, F. C.	do.	150 00
		Binding, L. R.	do.	100 00
		Brunson, A. M.	do.	83 33
		Burlinson, W. L.	do.	116 66
		Clevenger, C. B.	do.	83 33
		Dickenson, R. W.	do.	100 00
		Dickerson, I. W.	do.	150 00
		Eckblaw, K. J. T.	do.	150 00
		Ellis, O. I.	do.	83 33
		Fahrnkopf, H. F. T.	do.	83 33
		Fisher, F. A.	do.	116 66

## OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
O 5623 Ctd.	1915 Jan. 13	Fisher, O. S.	Salary.....	\$208 33
		Garrett, F. W.	do.....	116 66
		Gentle, G. E.	do.....	83 33
		Gernert, W. B.	do.....	150 00
		Gilkerson, H. C.	do.....	83 33
		Gustafson, A. F.	do.....	175 00
		Holt, S. V.	do.....	150 00
		Hoskins, E. E.	do.....	150 00
		Leighty, W. R.	do.....	116 66
		Logan, C. C.	do.....	150 00
		Mosier, J. G.	do.....	291 66
		Neiderman, Gertrude.	do.....	100 00
		Sachs, W. H.	do.....	150 00
		Schoonover, W. R.	do.....	83 33
		Smith, L. H.	do.....	291 66
		Snider, H. J.	do.....	83 33
		Stewart, H. W.	do.....	150 00
		VanAlstine, E.	do.....	175 00
		Walworth, E. H.	do.....	83 33
		Wascher, F. M. W.	do.....	116 66
		Wheeler, H. C.	do.....	150 00
		Whiting, A. L.	do.....	150 00
		Hopkins, C. G.	do.....	416 66
		Reed, C. O.	do.....	116 66
		Jahr, M. E.	do.....	133 33
		Ebersol, E. T.	do.....	50 00
		Newell, C. R.	do.....	100 00
		Torgerson, E. F.	do.....	70 00
		deWert, H. A.	do.....	70 00
		Barto, D. O.	do.....	200 00
		Bull, Sleeter.	do.....	150 00
		Carmichael, W. J.	do.....	116 66
		Coffey, W. C.	do.....	266 66
		Detleison, J. A.	do.....	200 00
		Edmunds, J. L.	do.....	208 33
		Grindley, H. S.	do.....	291 66
		Mumford, H. W.	do.....	416 66
		Newlin, C. I.	do.....	108 33
		Handschin, W. F.	do.....	62 50
		Rusk, H. F.	do.....	208 33
		Smith, W. H.	do.....	141 66
		Yoke, J. J.	do.....	100 00
		Roberts, Elmer.	do.....	100 00
		Whisenand, J. W.	do.....	41 66
		Harper, Claude.	do.....	83 33
		Andrews, J. B.	do.....	100 00
		Keith, Mary H.	do.....	108 33
		Shiner, R. T.	do.....	70 00
		Baumgartner, H. C.	do.....	70 00
		Hepburn, N. W.	do.....	208 33
		Brand, R. E.	do.....	175 00
		Crandall, W. T.	do.....	150 00
		Fraser, W. J.	do.....	291 66
		Harding, H. A.	do.....	416 66
		Hulce, R. S.	do.....	133 33
		Keller, O. A.	do.....	100 00
		Lang, L. R.	do.....	175 00
		Ruehe, H. A.	do.....	141 66
		Weeter, H. M.	do.....	83 33
		Yapp, W. W.	do.....	100 00
		Nevens, W. B.	do.....	75 00
		Allen, P. W.	do.....	66 66
		Turner, Frank.	do.....	75 00
		Becker, Georgia.	do.....	65 00
		Allison, I. D.	do.....	150 00
		Aust, F. A.	do.....	116 66
		Blair, J. C.	do.....	416 66
		Bole, S. J.	do.....	150 00
		Colby, A. S.	do.....	60 00
		Dorner, H. B.	do.....	250 00
		Durst, C. E.	do.....	150 00
		Gardner, J. J.	do.....	166 66
		Gunderson, A. J.	do.....	116 66
		Hutchinson, James.	do.....	100 00
		Lloyd, J. W.	do.....	291 66
		Miller, Wilhelm.	do.....	250 00
		Muncie, F. W.	do.....	100 00
		Peltier, G. L.	do.....	133 33
		Pickett, B. S.	do.....	250 00

## OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
O 5623 Ctd.	1915 Jan. 13	Rees, C. C.	Salary	\$ 50 00
		Robinson, C. M.	do.	100 00
		Root, R. R.	do.	208 33
		Ruth, W. A.	do.	150 00
		Smith, F. A. C.	do.	125 00
		Watkins, O. S.	do.	175 00
		Evans, F. N.	do.	150 00
		Blaney, H. W.	do.	116 66
		Brown, H. D.	do.	70 00
		Englis, D. T.	do.	60 00
		Miles, L. E.	do.	41 66
		VanKleck, J. R.	do.	83 33
		Deal, Edwin.	do.	41 66
		Hecht, August.	do.	70 00
		Bevier, Isabel.	do.	250 00
		Goldthwaite, Nellie.	do.	208 33
		Gray, Cora E.	do.	116 66
		Harrison, Florence.	do.	116 66
		Parsons, Maud.	do.	125 00
		Seymour, Lurene.	do.	150 00
		Wheeler, Ruth.	do.	141 66
		Gray, Greta E.	do.	108 33
		Fleming, Georgia.	do.	100 00
		Stevens, Grace.	do.	108 33
		Bunch, Mamie.	do.	166 66
		Williams, Anna W.	do.	100 00
		Stanton, Margaret.	do.	116 66
		McIntosh, Donald.	do.	208 33
		Ash, Percy.	do.	208 33
		Clark, C. R.	do.	166 66
		Provine, L. H.	do.	291 66
		Ricker, N. C.	do.	291 66
		Titecomb, W. C.	do.	175 00
		Wells, N. A.	do.	208 33
		Fanning, R. S.	do.	120 00
		Foster, W. D.	do.	140 00
		Jones, R. T.	do.	160 00
		Corrubia, A. B. M.	do.	160 00
		Wolfe, W. S.	do.	110 00
		Fehernkamp, Winifred.	do.	83 33
		Muehlmann, Ralph.	do.	140 00
		Stanton, W. M.	do.	120 00
		Kellogg, J. M.	do.	150 00
		Burton, S. O.	do.	150 00
		Baker, I. O.	do.	333 33
		Bowling, B. L.	do.	83 33
		Garver, N. B.	do.	141 66
		McDaniel, A. B.	do.	229 16
		Smith, J. E.	do.	150 00
		Wiley, C. C.	do.	141 66
		Wilson, W. M.	do.	183 33
		Pickells, G. W.	do.	150 00
		Rayner, W. H.	do.	130 00
		Davis, R. E.	do.	120 00
		Ellis, C. A.	do.	264 20
		Biegler, P. S.	do.	166 66
		Brooks, Morgan.	do.	250 00
		Fisk, I. W.	do.	133 33
		James, L. V.	do.	133 33
		Paine, E. B.	do.	250 00
		Waldo, E. H.	do.	166 66
		Knight, A. R.	do.	150 00
		Davis, J. W.	do.	140 00
		Moore, C. R.	do.	150 00
		Miller, H. W.	do.	183 33
		Porter, F. M.	do.	125 00
		Steward, R. K.	do.	141 66
		Rugg, H. O.	do.	150 00
		Jordan, H. H.	do.	140 00
		Crane, Rufus.	do.	100 00
		Husband, R. M.	do.	30 00
		Atwell, C. A.	do.	90 00
		Benedict, B. W.	do.	291 66
		Dent, J. A.	do.	150 00
		Frisk, J. A.	do.	91 66
		Goodenough, G. A.	do.	291 66
		Harding, L. A.	do.	291 66



## OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
O 5623 Ctd.	1915 Jan. 13	Leutwiler, O. A.	Salary	\$241 66
		Richards, C. R.	do	479 16
		Willard, A. C.	do	200 00
		Godeke, H. F.	do	140 00
		Kennedy, R. E.	do	150 00
		Waterfall, H. W.	do	140 00
		Torrance, F. C.	do	120 00
		Rebman, F. J.	do	90 00
		Gross, G. A.	do	150 00
		Frank, Edwin	do	120 00
		Duncan, J. M.	do	90 00
		Lanham, E. T.	do	120 00
		McDewell, H. S.	do	120 00
		Domonske, A. B.	do	140 00
		Radebaugh, G. H.	do	120 00
		Hogue, J. H.	do	120 00
		DeTurk, J. A.	do	120 00
		Holbrook, E. A.	do	208 33
		Stoek, H. H.	do	416 66
		Callan, A. C.	do	150 00
		Andros, S. O.	do	175 00
		Enger, M. L.	do	187 50
		Fleming, V. R.	do	150 00
		Talbot, A. N.	do	416 66
		Seeley, F. B.	do	170 00
		Boomsliiter, G. F.	do	170 00
		Norenberg, C. E.	do	170 00
		Ensign, N. E.	do	150 00
		Babbitt, H. E.	do	150 00
		Gardner, Harry	do	150 00
		Vallance, Alexander	do	140 00
		Putnam, W. J.	do	120 00
		Carman, A. P.	do	416 66
		Knipp, C. T.	do	233 33
		Kunz, Jacob	do	208 33
		Schulz, W. F.	do	183 33
		Williams, E. H.	do	141 66
		Watson, F. R.	do	229 16
		Randolph, O. A.	do	100 00
		Hyslop, W. H.	do	95 00
		Warner, E. H.	do	90 00
		Karrer, Sebastian	do	75 00
		Nathanson, J. B.	do	75 00
		Hill, C. F.	do	50 00
		Bayley, P. L.	do	50 00
		Jones, L. T.	do	115 00
		Buck, A. M.	do	150 00
		Comstock, A. F.	do	166 66
		Schmidt, E. C.	do	333 33
		Snodgrass, J. M.	do	183 33
		Dunn, H. H.	do	116 66
		Keller, R. B.	do	166 66
		Kratz, A. P.	do	133 33
		McFarland, D. F.	do	166 66
		Moore, H. F.	do	250 00
		Slater, W. A.	do	150 00
		Yensen, T. D.	do	133 33
		Gonnerman, H. F.	do	150 00
		Wilson, L. A.	do	116 66
		Dieckman, T. W.	do	60 00
		Belt, J. H.	do	50 00
		Montgomery, Julian	do	50 00
		Pogue, R. B.	do	50 00
		Gatward, W. A.	do	50 00
		Lichty, L. C.	do	50 00
		Lukens, W. P.	do	50 00
		Young, E. G.	do	50 00
		Laying, T. E.	do	50 00
		Draffin, J. O.	do	50 00
		Nebel, M. L.	do	50 00
		Decker, E. H.	do	291 66
		Green, Frederick	do	291 66
		Harker, O. A.	do	416 66
		Hale, W. G.	do	291 66
		Pomeroy, J. N.	do	258 33
		Vernier, C. G.	do	291 66
		Carpenter, C. E.	do	208 33
		Babcock, K. C.	do	416 66

## OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
O 5623 Ctd.	1915 Jan. 13	Miller, Eva G.....	Salary.....	\$ 66 66
		Lake, E. J.....	do.....	187 50
		Wetmore, Mary M.....	do.....	150 00
		Bradbury, C. E.....	do.....	140 00
		Stebbins, Joel.....	do.....	291 66
		Samuels, A. I.....	do.....	35 00
		Reed, F. W.....	do.....	140 00
		Sperry, J. E.....	do.....	150 00
		Burton, L. V.....	do.....	120 00
		Winslow, J. C.....	do.....	54 00
		Hottes, C. F.....	do.....	250 00
		Stevens, F. L.....	do.....	333 33
		Trelease, William.....	do.....	416 66
		Hague, Stella M.....	do.....	100 00
		McDougall, W. B.....	do.....	120 00
		Parr, Rosie.....	do.....	80 00
		Quick, B. E.....	do.....	60 00
		Kempton, F. E.....	do.....	60 00
		Dalbey, Nora.....	do.....	60 00
		Waggoner, H. D.....	do.....	60 00
		Pickler, W. E.....	do.....	30 00
		Davis, R. L.....	do.....	30 00
		Lamkey, E. R. M.....	do.....	60 00
		Lantz, C. W.....	do.....	60 00
		Hursh, R. K.....	do.....	160 00
		Stull, R. T.....	do.....	250 00
		Danielson, R. R.....	do.....	75 00
		Radeliffe, B. S.....	do.....	120 00
		Williams, A. E.....	do.....	130 00
		Balke, C. W.....	do.....	250 00
		Derick, C. G.....	do.....	166 66
		Noyes, W. A.....	do.....	416 66
		Parr, S. W.....	do.....	333 33
		Smith, G. M.....	do.....	166 66
		Washburn, E. W.....	do.....	291 66
		Weber, H. C. P.....	do.....	166 66
		Allen, E. W.....	do.....	30 00
		Anders, Paul.....	do.....	130 00
		Bail, T. R.....	do.....	60 00
		Beal, G. D.....	do.....	125 00
		Bissell, D. W.....	do.....	30 00
		Braley, S. A.....	do.....	35 00
		Broderson, H. J.....	do.....	130 00
		Burthart, C. W.....	do.....	10 00
		Charlton, E. F.....	do.....	50 00
		Chandler, E. M. A.....	do.....	10 00
		Cann, Jessie.....	do.....	120 00
		Darrah, Juanita.....	do.....	50 00
		Davidson, C. N.....	do.....	30 00
		Davison, B. S.....	do.....	60 00
		Dean, P. M.....	do.....	30 00
		Eckstein, H. C.....	do.....	10 00
		Engle, E. W.....	do.....	60 00
		Ford, J. T.....	do.....	30 00
		Gerty, H. L.....	do.....	30 00
		Hakanson, A. F.....	do.....	10 00
		Hatfield, W. D.....	do.....	10 00
		Hecker, C. H.....	do.....	120 00
		Hess, R. W.....	do.....	60 00
		Heuse, E. O.....	do.....	120 00
		Hjort, A. M.....	do.....	30 00
		Honovski, R. B.....	do.....	90 00
		Hopkins, B. S.....	do.....	125 00
		Janson, J. M.....	do.....	10 00
		Kamm, Oliver.....	do.....	60 00
		Karr, H. G.....	do.....	30 00
		Kremers, H. C.....	do.....	50 00
		Lee, H. R.....	do.....	30 00
		Lucas, J. B.....	do.....	30 00
		McInnes, D. A.....	do.....	125 00
		Manuel, W. A.....	do.....	50 00
		Marquis, S. D.....	do.....	35 00
		Olin, H. L.....	do.....	120 00
		Read, J. W.....	do.....	60 00
		Rees, E. A.....	do.....	50 00
		Sears, G. W.....	do.....	120 00
		Taylor, E. H.....	do.....	35 00
		Taylor, S. C.....	do.....	60 00

## OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
O 5623 Ctd.	1915 Jan. 13	Thorp, Lambert	Salary	\$120 00
		Tippitt, R. W.	do.	35 00
		Shepard, A. D.	do.	30 00
		Skinner, G. S.	do.	30 00
		Wildman, E. A.	do.	60 00
		Wickers, E.	do.	50 00
		Hull, C. M.	do.	10 00
		Westhaefer, T. O.	do.	30 00
		Valentine, H. B.	do.	60 00
		MacArthur, C. G.	do.	150 00
		Barbre, Clarence	do.	30 00
		Footitt, Frank	do.	10 00
		Vollweiler, E. H.	do.	30 00
		Ruby, G. B.	do.	10 00
		Gilmore, R. E.	do.	50 00
		Brunskill, E. R.	do.	10 00
		Barton, H. J.	do.	291 66
		Canter, H. V.	do.	208 33
		Moss, C. M.	do.	250 00
		Oldfather, W. A.	do.	250 00
		Pease, A. S.	do.	250 00
		Bogart, E. L.	do.	291 66
		Chase, W. A.	do.	240 00
		Dewsnup, E. R.	do.	250 00
		Litman, Simon	do.	208 33
		Robinson, M. H.	do.	125 00
		Weston, N. A.	do.	250 00
		Heilman, R. E.	do.	216 66
		Thompson, J. G.	do.	200 00
		Seoville, H. T.	do.	200 00
		McJohnston, H.	do.	180 00
		Peterson, E.	do.	60 00
		Dressen, W. H.	do.	60 00
		Knight, C. K.	do.	50 00
		McKenna, E. L.	do.	50 00
		Leslie, H. D.	do.	30 00
		Thompson, C. M.	do.	191 66
		Bagley, W. C.	do.	416 66
		Coffman, L. D.	do.	291 66
		Johnston, C. H.	do.	291 66
		Miller, W. S.	do.	150 00
		Whipple, G. M.	do.	229 16
		Hanger, J. W.	do.	50 00
		Cobb, Margaret	do.	50 00
		Baldwin, E. C.	do.	175 00
		Dodge, D. K.	do.	270 83
		Fulton, Edward	do.	175 00
		Jones, H. S. V.	do.	183 33
		Paul, H. G.	do.	208 33
		Scott, F. W.	do.	200 00
		Sherman, S. P.	do.	308 33
		Woolbert, C. H.	do.	166 66
		Zeitlin, Jacob	do.	141 66
		Creek, H. L.	do.	125 00
		Whicher, G. F.	do.	120 00
		Alden, E. S.	do.	120 00
		Whitford, R. C.	do.	100 00
		Hillebrand, H. M.	do.	130 00
		Harris, L. H.	do.	120 00
		Tiefe, R. E.	do.	120 00
		Jones, E. S.	do.	120 00
		Curl, M. J.	do.	140 00
		Stidson, E. O.	do.	100 00
		Harbarger, Sada	do.	100 00
		Stanley, T. B.	do.	100 00
		Stanley, L. R.	do.	100 00
		Dixon, R. E.	do.	110 00
		Beck, Clyde	do.	50 00
		Loomis, E. S.	do.	120 00
		Rinaker, Clarissa	do.	120 00
		Boyer, C. V.	do.	141 66
		Schoeppele, Gertrude	do.	116 66
		Sutcliffe, E. G.	do.	100 00
		Downs, C. S.	do.	120 00
		Phelps, J. M.	do.	100 00
		Kelso, Ruth	do.	100 00
		Buchen, W. A.	do.	150 00
		Folsom, J. W.	do.	208 33

## OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
O 5623 Ctd.	1915 Jan. 13	Forbes, S. A.	Salary	\$ 83 33
		MacGillivray, A. D.	do.	250 00
		Peterson, Alvah.	do.	60 00
		Glasgow, R. D.	do.	130 00
		Bayley, W. S.	do.	250 00
		Rolfe, C. W.	do.	250 00
		Savage, T. E.	do.	208 33
		DuBois, H. M.	do.	50 00
		Read, M. K.	do.	40 00
		Ross, C. S.	do.	50 00
		Rich, J. L.	do.	160 00
		Storrer, James.	do.	60 00
		Brooks, N. C.	do.	208 33
		Flom, G. T.	do.	233 33
		Goebel, Julius.	do.	312 50
		Lessing, O. E.	do.	291 66
		Meyer, G. H.	do.	229 16
		Poor, C. M.	do.	150 00
		Williams, C. A.	do.	150 00
		Koller, A. H.	do.	140 00
		Barto, P. S.	do.	120 00
		Zucker, A. E.	do.	50 00
		Blaisdell, Daisy L.	do.	100 00
		Green, Alexander.	do.	135 00
		Bloomfield, Leonard.	do.	166 66
		Spindler, G. W.	do.	25 00
		Alvord, C. W.	do.	145 83
		Greene, E. B.	do.	416 66
		Larson, L. M.	do.	250 00
		Lybyer, A. H.	do.	233 33
		Robertson, W. S.	do.	208 33
		Jones, P. V. B.	do.	150 00
		Pease, T. C.	do.	125 00
		Cole, A. C.	do.	160 00
		Brush, Elizabeth.	do.	100 00
		Bishop, Mildred.	do.	40 00
		Miller, J. E.	do.	60 00
		Borger, R. L.	do.	125 00
		Crathorne, A. R.	do.	166 66
		Emch, Arnold.	do.	187 50
		Lytle, E. B.	do.	150 00
		Miller, G. A.	do.	291 66
		Rietz, H. L.	do.	158 33
		Shaw, J. B.	do.	229 16
		Sisam, C. H.	do.	183 33
		Townsend, E. J.	do.	333 33
		Wahlin, G. E.	do.	116 66
		Kempner, A. J.	do.	150 00
		Denton, W. W.	do.	140 00
		Chittenden, E. W.	do.	140 00
		Burns, Josephine.	do.	100 00
		Zeis, H. C.	do.	60 00
		Wilson, W. H.	do.	60 00
		Hebbert, C. M.	do.	60 00
		Smith, G. W.	do.	60 00
		Marshall, R. H.	do.	60 00
		Grimes, N. C.	do.	120 00
		Burge, W. E.	do.	191 66
		Beard, J. H.	do.	140 00
		Neill, Alma J.	do.	60 00
		Bode, G. H.	do.	291 66
		Daniels, A. H.	do.	333 33
		Shepherd, Queen L.	do.	120 00
		Haessler, Carl.	do.	100 00
		Dodd, W. F.	do.	250 00
		Garner, J. W.	do.	333 33
		Mathews, J. M.	do.	150 00
		Story, R. M.	do.	180 00
		Hanford, A. C.	do.	50 00
		Bentley, Madison.	do.	270 83
		DeCamp, J. E.	do.	70 00
		Rogers, Sophie.	do.	30 00
		Reed, H. B.	do.	140 00
		Ruckmich, C. A.	do.	150 00
		Carnahan, D. H.	do.	225 00
		Fitz-Gerald, J. D. II.	do.	225 00
		Oliver, T. E.	do.	250 00
		Seymour, A. R.	do.	191 66

## OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
O 5623 Ctd.	1915 Jan. 13	Carry, C. S. ....	Salary .....	\$110 00
		Epplies, Joseph .....	do .....	100 00
		Wesenberg, T. G. ....	do .....	100 00
		Kessler, James .....	do .....	90 00
		Allen, Louis .....	do .....	90 00
		Moore, O. H. ....	do .....	160 00
		Blondheim, D. S. ....	do .....	166 66
		Soto, Rafael .....	do .....	100 00
		Hayes, E. C. ....	do .....	275 00
		Hibbs, H. H. ....	do .....	120 00
		Kingsley, J. S. ....	do .....	261 66
		Smith, Frank .....	do .....	250 00
		Ward, H. B. ....	do .....	416 66
		Zeleny, Charles .....	do .....	250 00
		Shelford, V. E. ....	do .....	166 66
		VanCleave, H. J. ....	do .....	130 00
		May, H. G. ....	do .....	60 00
		Green, Bessie .....	do .....	60 00
		Linkins, R. H. ....	do .....	60 00
		Heimbürger, H. V. ....	do .....	60 00
		Chenoweth, H. E. ....	do .....	40 00
		Merrill, Harriet B. ....	do .....	40 00
		Conel, Jesse L. ....	do .....	30 00
		Magath, T. B. ....	do .....	30 00
		Higgins, G. M. ....	do .....	30 00
		Metcalf, H. E. ....	do .....	30 00
		Redwood, C. W. ....	do .....	120 00
		Baumgartner, Rachel A. ....	do .....	30 00
		Kinley, David .....	do .....	583 33
		Scheffel, Yetta .....	do .....	50 00
		Kilo, Jessie .....	do .....	45 00
		Hofco, J. A. ....	do .....	45 00
		Albrecht, W. A. ....	do .....	25 00
		Babbitt, Albert .....	do .....	25 00
		Bacon, Gertrude A. ....	do .....	25 00
		Barber, Julia .....	do .....	25 00
		Beck, Mary L. ....	do .....	25 00
		Colvin, Esther M. ....	do .....	25 00
		Cooke, D. G. ....	do .....	25 00
		Crooker, S. J. ....	do .....	25 00
		Cutler, Floy F. ....	do .....	25 00
		Dunham, W. A. ....	do .....	25 00
		Elliott, Erma L. ....	do .....	25 00
		Farver, E. C. ....	do .....	25 00
		Fazel, C. S. ....	do .....	25 00
		Fisher, Fay L. ....	do .....	25 00
		Griffin, Clara E. ....	do .....	25 00
		Hamilton, C. C. ....	do .....	25 00
		Hefferman, Ruth M. ....	do .....	25 00
		Hendel, R. W., Jr. ....	do .....	25 00
		Jerdan, A. L. ....	do .....	25 00
		Jewell, Minna E. ....	do .....	25 00
		Kindred, J. E. ....	do .....	25 00
		Meier, Alice .....	do .....	25 00
		Miller, Marie B. ....	do .....	25 00
		Myers, Odessa M. ....	do .....	25 00
		Okey, Ruth E. ....	do .....	25 00
		Owens, R. W. ....	do .....	25 00
		Palm, F. C. ....	do .....	25 00
		Pinkney, L. A. ....	do .....	25 00
		Richart, F. E. ....	do .....	25 00
		Ried, E. A. ....	do .....	25 00
		Russell, Robbins .....	do .....	25 00
		Swanson, F. C. ....	do .....	25 00
		TerKeurst, H. D. ....	do .....	25 00
		Turley, R. E. ....	do .....	25 00
		VanDoren, M. A. ....	do .....	25 00
		Watkins, Gordon .....	do .....	25 00
		White, Leila O. ....	do .....	25 00
		Williams, Kathryn .....	do .....	25 00
		Winkelmann, H. A. ....	do .....	25 00
		Wiseman, Esther .....	do .....	25 00
		Young, Esther .....	do .....	25 00
		Tinsley, R. W. ....	do .....	25 00
		Brady, St. Elmo .....	do .....	35 00
		Burd, H. A. ....	do .....	40 00
		Clark, K. A. ....	do .....	25 00
		Clark, Helen .....	do .....	35 00
		Debel, N. H. ....	do .....	35 00

## OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.	
O 5623 Cld.	1915 Jan. 13	Elliott, John A.	Salary	\$ 35 00	
		Garman, Philip	do.	35 00	
		Hanson, F. B.	do.	35 00	
		Harder, O. E.	do.	35 00	
		Holley, C. E.	do.	40 00	
		Howard, J. W.	do.	35 00	
		Kernall, M. J.	do.	35 00	
		Lamb, B. F.	do.	35 00	
		Macfarlane, Wallace	do.	40 00	
		Mosher, Edna	do.	45 00	
		Pasmore, D. F.	do.	35 00	
		Rutledge, George	do.	50 00	
		Sabin, Ethel E.	do.	35 00	
		School, Clarence	do.	35 00	
		Stevens, W. E.	do.	35 00	
		Streeter, F. B.	do.	40 00	
		Stunkard, H. W.	do.	35 00	
		Watson, Minne E.	do.	40 00	
		Wells, M. M.	do.	40 00	
		Wright, Quincy	do.	45 00	
		Wyatt, F. A.	do.	40 00	
		Young, L. E.	do.	50 00	
		Stewart, C. L.	do.	45 00	
		Weiland, H. J.	do.	50 00	
		Kirshman J. E.	do.	40 00	
		Bond, Ethel	do.	83 33	
		Curtis, Florence	do.	133 33	
		Reece, E. J.	do.	133 33	
		Simpson, Frances	do.	166 66	
		Schwartz, G. F.	do.	183 33	
		Smith, Constance Barlow	do.	166 66	
		Van den Berg, H. J.	do.	180 00	
		Nasmyth, H. D.	do.	170 00	
		Morphy, E. W.	do.	170 00	
		Townsend, L. L.	do.	120 00	
		Kirkup, Florence	do.	100 00	
		Treat, Edna L.	do.	100 00	
		Simon, Anna	do.	100 00	
		Erb, J. L.	do.	250 00	
		Harding, A. A.	do.	180 00	
		Bartow, Edward	do.	166 66	
		Hanford, W. W.	do.	60 00	
		Hinds, M. E.	do.	70 00	
		Mohlman, F. W.	do.	70 00	
		Tanner, F. W.	do.	70 00	
		Day, W. B.	do.	208 33	
		Snow, C. M.	do.	150 00	
		Gathercoal, E. N.	do.	108 33	
		Eicher, B. L.	do.	83 33	
		Colson, H. D.	do.	83 33	
		Fantus, Bernard	do.	16 66	
		Lynn, E. V.	do.	150 00	
O 5624	do....	Pay roll	January, 1915		
		Alexander, Lilla M.	Salary	\$ 65 00	
		Alley, W. E.	do.	100 00	
		Amos, Winifred	do.	75 00	
		Atkinson, C. E.	do.	141 66	
		Beadles, Jessie R.	do.	65 00	
		Beyer, Melinda	do.	75 00	
		Blackwell, Mary	do.	60 00	
		Boice, L. A.	do.	125 00	
		Bowen, Evalena	do.	65 00	
		Briggs, Evelyn L.	do.	55 00	
		Broadhurst, Tabitha J.	do.	75 00	
		Brown, Ina M.	do.	65 00	
		Brownfield, Lelah	do.	50 00	
		Bryan, Sarah E.	do.	75 00	
		Buckler, Helen I.	do.	60 00	
		Buckles, Mildred E.	do.	65 00	
		Burt, Ruth	do.	50 00	
		Cover, Hazel W.	do.	60 00	
		Crawford, C. C.	do.	65 00	
		Cunningham, H. E.	do.	166 66	
		Custer, Emma L.	do.	75 00	
		Dalton, C. E.	do.	50 00	
		Davis, Vera M.	do.	50 00	
		Durfey, Franc A.	do.	50 00	
		Feldkamp, Amelia	do.	55 00	
		Fieg, Rocerit J.	do.	50 00	
					8,374 95

## OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
O 5624 Ctd.	1915 Jan. 13	Flattery, Amanda M.	Salary	\$ 65 00
		Fraser, Viola C.	.do.	70 00
		Galpin, Stella	.do.	70 00
		Garwood, Frances	.do.	50 00
		Glenn, Eleanor	.do.	50 00
		Goetz, Antoinette H.	.do.	70 00
		Goodspeed, W. S.	.do.	90 00
		Gordon, Marie A.	.do.	55 00
		Grabbe, Florence H.	.do.	65 00
		Griffith, Mabel F.	.do.	70 00
		Halliday, Mabel	.do.	60 00
		Hamilton, Mrs. Alice V.	.do.	100 00
		Hawgood, Helen A.	.do.	70 00
		Hay, Nathaniel	.do.	166 66
		Hayes, James B.	.do.	95 00
		Hayes, Margaret L.	.do.	50 00
		Hayward, Nellie	.do.	50 00
		Heater, Myrtle	.do.	60 00
		Houchens, Josie B.	.do.	83 33
		Hull, A. H.	.do.	65 00
		Humrichouse, Katie L.	.do.	50 00
		Jay, Edith L.	.do.	50 00
		Johnson, Gertrude	.do.	60 00
		Kern, Floy	.do.	40 00
		Kirwin, Nora	.do.	55 00
		Knapp, Aurella	.do.	75 00
		Lahr, Lawrence D.	.do.	50 00
		Lamb, Allie	.do.	55 00
		Lee, Albert R.	.do.	100 00
		Leitz, Louise A.	.do.	40 00
		Love, Mary E.	.do.	65 00
		Luther, Cornelia M.	.do.	45 00
		McConn, Charles M.	.do.	250 00
		McGurty, Agnes	.do.	83 33
		McIntire, W. A.	.do.	50 00
		Manley, Verna	.do.	50 00
		Manspeaker, Lotta M.	.do.	83 33
		Merchant, Donna B.	.do.	50 00
		Meseck, Rudolph	.do.	65 00
		Miles, Lois M.	.do.	70 00
		Millar, Mary	.do.	70 00
		Miller, C. F.	.do.	90 00
		Morey, Lloyd	.do.	125 00
		Morrow J. A.	.do.	166 66
		Nagle, Sybil	.do.	50 00
		Nyberg, Florence A.	.do.	50 00
		Packard, Bessie	.do.	75 00
		Peel, Thomas	.do.	60 00
		Pergande, Robert	.do.	95 00
		Phelps, Vergil V.	.do.	166 66
		Post, Frederick	.do.	75 00
		Postlewait, Harriet L.	.do.	55 00
		Powell, Burt E.	.do.	191 66
		Putnam, Persis	.do.	75 00
		Rein, Lillian	.do.	50 00
		Renz, Myrtle	.do.	75 00
		Ressler, Milton	.do.	80 00
		Rickets, Clara A.	.do.	65 00
		Riggs, Bess	.do.	35 00
		Robertson, Nellie	.do.	70 00
		Rogers, Della M.	.do.	40 00
		Ross, Anne	.do.	50 00
		Scanlan, Mary	.do.	60 00
		Scott, Bertha M.	.do.	50 00
		Sharp, Bertha L.	.do.	60 00
		Shaw, Hazel Y.	.do.	65 00
		Shepard, Anna L.	.do.	100 00
		Sinnock, Julia	.do.	50 00
		Slater, Sarah M.	.do.	60 00
		Smith, Ira M.	.do.	125 00
		Smith, Mayme V.	.do.	65 00
		States, Bertha G.	.do.	50 00
		Steitz, Alfred	.do.	85 00
		Stevens, Sabra	.do.	75 00
		Thompson, M. E.	.do.	90 00
		Tuttle, George P., Jr.	.do.	100 00
		Vaubel, Daniel	.do.	60 00
		Voight, Lida E.	.do.	100 00
		Walsh, Ethel M.	.do.	50 00

## OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
1915				
O 5624	Jan. 13	Wheeler, H. H.	Salary	\$70 00
Cld.		White, Loretta K.	do.	70 00
		Winchester, B. L.	do.	50 00
		Wyninger, H. T.	do.	60 00
		Buchanan, Harold C.	do.	70 00
		Ellis, E. R.	do.	50 00
		Harper, Julia	do.	65 00
		Loniuss, J. O.	do.	90 00
		Vanderbeek, H. J.	do.	65 00
O 5625	Jan. 14	Twin City Roofing Co.	Building supplies.	\$ 148 93
O 5626	do.	L. Lewis & Co.	General supplies.	13 81
O 5627	do.	E. H. Sargent & Co.	Laboratory supplies.	61 80
O 5628	do.	Elmer & Amend.	Laboratory supplies.	7 51
O 5629	do.	John Reichard.	Corn.	124 33
O 5630	do.	Henry B. Ward.	Traveling expenses.	4 92
O 5631	do.	J. H. Hill.	Address.	10 00
O 5632	do.	Fred J. Blackburn.	Traveling expenses.	24 15
O 5633	do.	Frank A. Pearson.	do.	9 28
O 5634	do.	C. L. Reissner.	do.	8 74
O 5635	do.	H. F. Rhodes.	do.	7 42
O 5636	do.	R. H. Hadley.	do.	4 90
O 5637	do.	C. B. Price.	do.	6 50
O 5638	do.	Martin J. Prucha.	do.	11 85
O 5639	do.	A. E. C. Lathrop.	White rats.	2 40
O 5640	do.	Henry E. Tufts.	Labeling.	9 00
O 5641	do.	Osgood Photo Supply Co.	Blue printing.	6 00
O 5642	do.	Wm. Parton.	Machine repairs.	19 80
O 5643	do.	G. R. Grubb & Co.	Zinc etchings.	2 75
O 5644	do.	S. W. Farr.	Steel wire.	1 25
O 5645	do.	Charles D. Pittman.	Red fox.	6 00
O 5646	do.	Dallebach Bros.	Laboratory supplies.	5 06
O 5647	do.	J. T. Webster & Co.	Eggs.	11 40
O 5648	do.	Metzler & Schafer Co.	Food supplies.	33 15
O 5649	do.	Standard Oil Co.	Fuel oil.	48 55
O 5650	do.	University Press.	Printing.	13 20
O 5651	do.	The Tablet & Ticket Co.	Office supplies.	12 30
O 5652	do.	J. Adams Puffer.	Address.	50 00
O 5653	do.	Macbeth-Evans Glass Co.	Building material.	2 99
O 5654	do.	J. R. Van Kleek.	Traveling expenses.	4 02
O 5655	do.	B. S. Pickett.	do.	3 91
O 5656	do.	C. L. Frame Dental Supply Co.	General supplies.	21 54
O 5657	do.	V. Mueller & Co.	do.	37 55
O 5658	do.	Fuller Morrison Co.	Laboratory supplies.	18 75
O 5659	do.	Illinois Malleable Iron Co.	General supplies.	16 83
O 5660	do.	Kasen's Express & Van Co.	do.	23 48
O 5661	do.	Cameron Schroth Co.	Packing.	2 06
O 5662	do.	F. J. Burns & Co.	Livefrogs.	14 40
O 5663	do.	Dearborn Chemical Co.	W. G. oil.	6 25
O 5664	do.	Southern Illinois Penitentiary.	Laboratory coats.	15 72
O 5665	do.	Barron Bros. Coal Co.	Animal feed.	3 33
O 5666	do.	New comb-Macklin Co.	Oak rams.	1 75
O 5667	do.	Hamblin Plumbing Co.	Plumbing supplies.	5 05
O 5668	do.	Thos. J. Dee & Co.	General supplies.	62 62
O 5669	do.	H. A. Winter.	Addresses.	30 00
O 5670	do.	E. E. Hoskins.	Traveling expenses.	19 72
O 5671	do.	Wm. Webb.	Field work.	55 22
O 5672	do.	Geo. W. Medley.	Field work.	7 93
O 5673	do.	DeKalb County Soil Improvement Assn.	Recleaning seed.	2 50
O 5674	do.	C. C. Logan.	Traveling expenses.	27 35
O 5675	do.	Morrison, Plummer & Co.	General supplies.	1 70
O 5676	do.	The New Era Printing Co.	Printing.	3 55
O 5677	do.	American Institute of Elec. Engineers.	do.	13 54
O 5678	do.	G. F. & S. A. Parnell.	Repair work.	2 00
O 5679	do.	Henry Matern.	Live stock.	160 90
O 5680	do.	Ralph Harris & Co.	Blue printing.	1 44
O 5681	do.	Storrs & Harrison Co.	Rose stock.	11 00
O 5682	do.	Cleveland Public Library.	Books.	1 80
O 5683	Jan. 15	Pay roll.	January, 1915.	4,579 06
		Eycleshymer, A. C.	Salary.	\$416 66
		Jones, T. S.	do.	83 33
		Moodie, R. L.	do.	125 00
		Small, J. C.	do.	50 00
		Welker, W. H.	do.	229 16
		Dreyer, G. P.	do.	374 99
		Boello, Louis.	do.	80 00
		Smith, C. S.	do.	166 66
		Tracy, Grover.	do.	83 33
		VonFessmar, Otto.	do.	55 00



## OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1915			
O 5683	Jan. 15	Krudwig, Edna.....	Salary.....	\$ 40 00
Cld.		Bach, E. G.....	do.....	50 00
		Brumeister, W. H.....	do.....	166 66
		Boughton, T. H.....	do.....	150 00
		Curl, Howard.....	do.....	50 00
		Davis, D. J.....	do.....	416 66
		Falls, F. H.....	do.....	83 33
		Fantus, Bernard.....	do.....	100 00
		Gardner, Stella.....	do.....	83 33
		Gaffney, C. O.....	do.....	76 00
		Lincoln, Mary C.....	do.....	50 00
		Moore, J. J.....	do.....	150 00
		Weedon, Amy G.....	do.....	60 00
		Shackles, A. O.....	do.....	166 66
		Simonds, W. E.....	do.....	50 00
		Hiskey, George N.....	do.....	45 00
		Bake, L. E.....	do.....	66 66
		Bernard, F. S.....	do.....	25 00
		Coolidge, E. D.....	do.....	83 33
		Dittmar, G. W.....	do.....	83 33
		Gallie, D. M.....	do.....	83 33
		Kaplan, J. H.....	do.....	100 00
		McGuire, J. C.....	do.....	150 00
		Moorehead, F. B.....	do.....	249 99
		Noyes, F. B.....	do.....	125 00
		Schultz, Louis.....	do.....	33 33
		Starr, S. P.....	do.....	66 66
		Thomas, N. G.....	do.....	50 00
		Williams, I. W.....	do.....	66 66
O 5684	do....	Pay roll.....	January, 1915.....	\$1,468 33
		Allen, Mrs. Josephine.....	Salary.....	55 00
		Arneson, Mable L.....	do.....	75 00
		Brodady, Esther.....	do.....	50 00
		Browne, W. H.....	do.....	250 00
		Cole, H. W.....	do.....	100 00
		David, Eshoo.....	do.....	55 00
		David, Paul.....	do.....	60 00
		Fletcher, Edward C.....	do.....	160 00
		Froberg, E.....	do.....	75 00
		Gubbins, Maud.....	do.....	60 00
		Heerman, Louise B.....	do.....	60 00
		Hoy, Anna.....	do.....	60 00
		Loomis, Metta H.....	do.....	83 33
		McQuigg, Mrs. Kate F. M.....	do.....	50 00
		Seaberg, Eltn M.....	do.....	60 00
		Tomek, Gertrude.....	do.....	60 00
		Tomlinson, J. S.....	do.....	125 00
		Watson, Ethel.....	do.....	50 00
		Morehead, Mary M.....	do.....	40 00
O 5685	do....	Cunningham Bros.....	General supplies.....	6 30
O 5686	do....	The Burr Co.....	Apparatus repairs.....	51 38
O 5687	do....	Eisner Grocery Co.....	General supplies.....	100 12
O 5688	do....	Central Electric Co.....	Electrical supplies.....	15 42
O 5689	do....	Louis Melind Co.....	General supplies.....	1 26
O 5690	do....	Watson Faulkner.....	Laboratory supplies.....	3 25
O 5691	do....	John E. Bennett.....	Sewer pipes.....	87 44
O 5692	do....	Leavitt Mfg. Co.....	General supplies.....	15 51
O 5693	do....	Metzler & Schafer Co.....	Food supplies.....	60 66
O 5694	do....	Christian County Coal Co.....	Coal.....	1,103 58
O 5695	do....	Walker Mulliken.....	Chair.....	4 50
O 5696	do....	Fuller & Fuller Co.....	Cork.....	4 75
O 5697	do....	Miller Harness Co.....	Lawn boots.....	16 00
O 5698	do....	C. C. Short.....	Horseshoes.....	1 50
O 5699	do....	Bausch & Lomb Optical Co.....	Paraffine.....	1 08
O 5700	do....	Stipes & Hecker.....	Cement.....	1 90
O 5701	do....	Charles H. Chase.....	Prints.....	2 70
O 5702	do....	National Metal Molding Co.....	Conduit.....	62 48
O 5703	do....	Keuffel & Esser Co.....	Office supplies.....	7 60
O 5704	do....	E. R. Donnelly & Sons Co.....	Zinc etchings.....	6 00
O 5705	do....	Barrar & Quinlan.....	Food supplies.....	20 20
O 5706	do....	White Poultry Farm.....	do.....	10 10
O 5707	do....	Dallenbach Bros.....	do.....	65 35
O 5708	do....	Ira O. Baker.....	Seed corn.....	42 62
O 5709	do....	American Florist Co.....	Subscription.....	1 00
O 5710	do....	J. Manz Engraving Co.....	Engraving.....	15 55
O 5711	do....	Whitall Tatum Co.....	Seal corks.....	2 61
O 5712	do....	App. & Miller.....	Elevator inspection.....	90 00
O 5713	do....	Powers & Powers.....	Laboratory supplies.....	1 25

## OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
1915				
O 5714	Jan. 15	B. V. Chesley & Co.	Milk tickers.	\$ 6 50
O 5715	..do.	Singer Sewing Machine Co.	Belting and hook.	3 62
O 5716	..do.	Hoffman & Kropff Chemical Co.	Eth bromide.	5 50
O 5717	..do.	The Standard Calorimeter Co.	Repair work.	10 38
O 5718	..do.	Frank E. Parris.	Labor.	15 00
O 5719	..do.	Ennis Hay Co.	Alfalfa hay.	160 13
O 5720	..do.	St. Louis Dustless Floor Dressing Co.	Floor dressing.	11 17
O 5721	..do.	The Foley Greenhouse Mfg. Co.	Glass.	41 41
O 5722	..do.	Western Valve Co.	Asbestos discs.	7 67
O 5723	..do.	The Caldwell Electric Co.	Mazda lamps.	41 75
O 5724	..do.	Chicago Engineer Supply Co.	Glass tubes.	1 62
O 5725	..do.	The Warren Brush Co.	Floor brushes.	5 88
O 5726	..do.	National Steam Specialty Co.	Air valves.	29 58
O 5727	..do.	Ernest M. Elliott.	Freight.	12 86
O 5728	..do.	New York Symphony Orchestra.	Contract.	1,200 00
O 5729	Jan. 16	Pay roll.	Dec. 28, 1914, to Jan. 31, 1915.	74 63
		Jones, Mabel.	Salary.	\$74 63
O 5730	..do.	Marshall Field & Co.	Laboratory supplies.	45 83
O 5731	..do.	William Brothers.	General supplies.	17 40
O 5732	..do.	Champaign Steam Laundry.	Laundry.	83 11
O 5733	..do.	Hall Hardware Co.	General supplies.	21 10
O 5734	..do.	J. C. Thomas.	Laboratory supplies.	13 11
O 5735	..do.	D. H. Lloyd.	Books.	28 00
O 5736	..do.	Bacon Brothers.	General supplies.	8 10
O 5737	..do.	Weil Brothers.	..do.	4 33
O 5738	..do.	The Caldwell Co.	Electrical supplies.	65 00
O 5739	..do.	Cunningham Brothers.	Alcohol.	2 90
O 5740	..do.	James H. Rice Co.	Glass.	3 42
O 5741	..do.	Munhall Printing House.	Printing.	2 50
O 5742	..do.	Bausch & Lomb Optical Co.	Laboratory supplies.	207 24
O 5743	..do.	E. M. Moll.	Repair work.	1 75
O 5744	..do.	C. S. Brimley.	Laboratory supplies.	4 25
O 5745	..do.	Twin City Bindery.	Office supplies.	1 00
O 5746	..do.	Driver-Harris Wire Co.	Laboratory supplies.	11 21
O 5747	..do.	Armstrong Brothers Tool Co.	Boring tool.	4 33
O 5748	..do.	W. W. Walls & Co.	Dental plaster.	7 00
O 5749	..do.	B. F. Stevenson & Son.	Food supplies.	9 00
O 5750	..do.	Albert E. Wuesteman.	Salad forks.	4 00
O 5751	..do.	W. R. Bradley & Co.	Food supplies.	3 90
O 5752	..do.	Henry Field Seed Co.	Grass seed.	9 00
O 5753	..do.	Harris-Dillavou & Co.	Cement.	11 00
O 5754	..do.	G. A. Garrison.	Sewer pipe.	24 00
O 5755	..do.	Frison Brothers.	Endgate fasteners.	2 50
O 5756	..do.	Central Electric Co.	Electrical supplies.	19 48
O 5757	..do.	Geo. Strode.	Awning.	6 00
O 5758	..do.	Geo. Huff.	Traveling expenses.	19 49
O 5759	..do.	Macbeth-Evans Glass Co.	Glass.	5 44
O 5760	..do.	Reliable Plumbing & Heating Co.	General supplies.	3 28
O 5761	..do.	Electric Coal Co.	Coal.	900 60
O 5762	..do.	Beldon Mfg. Co.	Telephone attachment.	1 10
O 5763	..do.	Mrs. C. M. Baker.	Lectures.	30 00
O 5764	..do.	E. A. Holbrook.	Traveling expenses.	11 14
O 5765	..do.	Ira O. Baker.	..do.	6 65
O 5766	..do.	J. L. Fiddler Motor Co.	General supplies.	20 76
O 5767	Jan. 19	L. E. Knorr, Assistant Comptroller.	General labor.	510 55
O 5768	..do.	L. E. Knorr, Assistant Comptroller.	Student labor.	630 88
O 5769	..do.	Flamigan-Pearson Co.	Printing.	133 70
O 5770	..do.	B. E. Spalding.	Laboratory supplies.	9 25
O 5771	..do.	Samuel Harris & Co.	..do.	12 37
O 5772	..do.	James M. White.	Traveling expenses.	29 91
O 5773	..do.	Urbana & Champaign Ry., Gas & Electric Co.	Gas.	1,220 19
O 5774	..do.	Eugene Dietzgen Co.	Vandyke paper.	1 40
O 5775	..do.	Indian Refining Co.	Oil.	5 90
O 5776	..do.	Sam'l Abrams.	Mimeographing.	3 00
O 5777	..do.	Chas. Rohling.	Traveling expenses.	10 19
O 5778	..do.	H. E. Codlin.	..do.	14 98
O 5779	..do.	J. J. Sloyan.	..do.	11 35
O 5780	..do.	Frank Turner.	..do.	6 88
O 5781	..do.	H. W. Blaney.	..do.	5 46
O 5782	..do.	Franz A. Aust.	..do.	11 98
O 5783	..do.	Ira O. Baker.	..do.	6 25
O 5784	..do.	C. R. Richards.	..do.	13 92
O 5785	..do.	Burke & James.	General supplies.	3 19
O 5786	..do.	The Frederick Post Co.	..do.	10 60
O 5787	..do.	Geo. Murphy.	Print frames.	2 67
O 5788	..do.	Great Western Smelting & Refining Co.	Ingot copper.	83 93
O 5789	..do.	American Vulcanized Fibre Co.	Gear blanks.	4 79

## OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1915			
O 5790	Jan. 19	Manning, Maxwell & Moore Co.	No. 2 spring.	\$ 3 16
O 5791	..do.	R. A. Stipes	Sand.	29 67
O 5792	..do.	General Electric Co.	Electrical supplies.	7 20
O 5793	..do.	Standard Oil Co.	Fuel oil.	16 18
O 5794	..do.	Anasco Co.	General supplies.	27 15
O 5795	..do.	H. A. Hollister	Traveling expenses.	11 65
O 5796	..do.	J. J. Didecot	..do.	25 20
O 5797	..do.	Geo. D. Nielson	..do.	2 06
O 5798	..do.	Arthur R. Williams	..do.	15 05
O 5799	..do.	Alexander Lumber Co.	Building repairs.	22 74
O 5800	..do.	Reliable Plumbing & Heating Co.	Laboratory supplies.	30 85
O 5801	..do.	F. K. Robeson	General supplies.	5 99
O 5802	..do.	John H. Doyle	Laboratory supplies.	15 26
O 5803	..do.	Taylor Hardware Co.	General supplies.	48 21
O 5804	..do.	Dryer & Burt	Corn	97 71
O 5805	..do.	Twin City Printing Co.	Printing	65 85
O 5806	..do.	Oldham Brothers.	General supplies.	1 80
O 5807	..do.	F. M. Leslie	..do.	34 55
O 5808	..do.	Chester Transfer Co.	Express.	30 77
O 5809	..do.	The Thompson & Norris Co.	Book wraps.	15 00
O 5810	..do.	National Assn. of Audubon Societies.	Slides.	3 90
O 5811	..do.	L. K. Howse	Fruit.	7 25
O 5812	..do.	Farrar & Quinlan	Carrots.	20 00
O 5813	..do.	D. T. Dobbins	Corn	3 40
O 5814	..do.	Frison Brothers.	General supplies.	11 50
O 5815	..do.	Harris-Dillavou & Co.	Laboratory supplies.	11 76
O 5816	Jan. 20	Jeffe Stout	Straw	12 87
O 5817	..do.	Jacob White	Plastering	96 00
O 5818	..do.	John W. Spalding	Horseshoes.	2 00
O 5819	..do.	Champaign Steam Laundry	Laundry	5 99
O 5820	..do.	Illinois State Reformatory	Printing	69 05
O 5821	..do.	Frank Foltz	Sundries.	31 85
O 5822	..do.	H. L. Gannett	Services.	50 00
O 5823	..do.	Hunter Rourke & Co.	General supplies.	39 55
O 5824	..do.	R. N. Fargo	Traveling expenses.	14 16
O 5825	..do.	Western Electric Co.	Electrical supplies.	39 74
O 5826	..do.	L. S. Sarrett Co.	Saws.	6 01
O 5827	..do.	C. H. Besly & Co.	Office supplies.	2 25
O 5828	..do.	Jas. H. Rice Co.	General supplies.	4 10
O 5829	..do.	Flanagan-Pearson Co.	Publications	387 00
O 5830	..do.	Federal Sign System.	Glass balls.	2 44
O 5831	..do.	G. C. Willis	Cheese cloth.	4 48
O 5832	..do.	D. H. Lloyd	Blue printing.	8 70
O 5833	..do.	C. A. Kiler	Shades.	33 95
O 5834	..do.	F. M. Leslie	Photographs.	8 20
O 5835	..do.	Book Department.	General supplies.	3 65
O 5836	..do.	Twin City Printing Co.	Printing	51 75
O 5837	..do.	T. M. Kehoe & Co.	Hay	174 14
O 5838	..do.	L. L. Olds Seed Co.	Cow peas.	3 00
O 5839	..do.	National Biscuit Co.	Soda crackers.	3 27
O 5840	..do.	Reliable Plumbing & Heating Co.	General supplies.	2 88
O 5841	..do.	C. C. Gere	Repair work.	3 75
O 5842	..do.	T. J. Colvin	Office supplies.	1 90
O 5843	..do.	Dallenbach Brothers.	Laboratory supplies.	1 85
O 5844	..do.	University Press.	Printing	7 25
O 5845	..do.	Twin City Bindery.	Binder covers.	9 25
O 5846	..do.	Alma Penrose	Wages.	45 00
O 5847	Jan. 21	Irving-Pitt Mfg. Co.	Binders.	16 37
O 5848	..do.	University of Illinois Supply Store.	Office supplies.	1 17
O 5849	..do.	Ahrens & Schreiner	Animal feed.	1 04
O 5850	..do.	J. M. Hanson-Bennett Magazine Agency.	Magazines.	2 75
O 5851	..do.	John B. Bennett.	Drain tiles.	8 00
O 5852	..do.	J. T. Ryerson & Son.	General supplies.	3 69
O 5853	..do.	W. S. Bailey	Repair work.	1 50
O 5854	..do.	The Extensive Mfg. Co.	Laboratory supplies.	7 40
O 5855	..do.	C. C. Porter	Rent.	30 00
O 5856	..do.	Remington Typewriter Co.	Carbon paper.	21 50
O 5857	..do.	Joseph Dixon Crucible Co.	Pencils.	1 69
O 5858	..do.	Drop-A-Line Indicator Co.	Indicators.	13 50
O 5859	..do.	B. A. Strauch	Prints.	2 91
O 5860	..do.	J. R. Van Kleek	Traveling expenses.	22 93
O 5861	..do.	The Caldwell Co.	Mazda lamp.	2 09
O 5862	..do.	Scott Valve Co.	Discs.	25 25
O 5863	..do.	Manhattan Electrical Supply Co.	Wire, covered.	49 24
O 5864	..do.	Wadsworth-Howland Co.	Metal polish.	5 88
O 5865	..do.	R. C. Wagner & Son.	Pipes.	106 40
O 5866	..do.	The Carson Payson Co.	Installing radiator.	53 00
O 5867	..do.	Vaughan Seed Store.	Grass seed.	82 81

## OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
1915				
O 5668	Jan. 21	J. D. White	Postage	\$ 262 00
O 5669	do.	C. A. Hughes	Traveling expenses	19 37
O 5670	do.	F. G. Austin	do.	5 34
O 5671	do.	Earl Garver	do.	7 12
O 5672	do.	Frank A. Pearson	do.	8 19
O 5673	do.	C. C. Logan	do.	19 73
O 5674	do.	E. E. Hoskins	do.	20 86
O 5675	do.	W. J. Carmichael	do.	6 40
O 5676	Jan. 22	Maas Bros.	General supplies	7 02
O 5677	do.	F. K. Robeson	do.	51 45
O 5678	do.	Chas. A. Hall Hardware Co.	do.	44 81
O 5679	do.	P. S. Campbell	Printing	43 50
O 5680	do.	E. H. Sargent & Co.	Laboratory supplies	22 64
O 5681	do.	Eisner Grocery Co.	General supplies	5 35
O 5682	do.	S. E. Huff & Co.	Lumber	13 60
O 5683	do.	Geo. E. Amsbary Co.	Blue printing supplies	2 65
O 5684	do.	Bradner Smith & Co.	Office supplies	30 64
O 5685	do.	Hibbard Spencer Bartlett & Co.	Drills	2 15
O 5686	do.	Ahrens & Schreiner	Laboratory supplies	8 51
O 5687	do.	Fuller-Morrison Co.	do.	12 36
O 5688	do.	Eimer & Amend	do.	14 36
O 5689	do.	V. Mueller & Co.	General supplies	4 45
O 5690	do.	Hatch-Wilcoxson Coal Co.	Coal	400 78
O 5691	do.	The National Vocational Guidance Assn.	Incidentals	2 00
O 5692	do.	The Gym Store	General supplies	46 93
O 5693	do.	Reliable Plumbing & Heating Co.	do.	13 04
O 5694	do.	The University Press	Printing	3 50
O 5695	do.	B. F. Stevenson	Laboratory supplies	27 80
O 5696	do.	The Milligan Hardware & Supply Co.	do.	3 83
O 5697	do.	Kimble Durand Glass Co.	Shell vials	16 11
O 5698	do.	Sharon Coal & Brick Co.	Coal	438 75
O 5699	do.	Demonstrators' Assn. of Illinois	Sundries	40 00
O 5900	do.	Harms & Scheuber	Animal feed	5 00
O 5901	do.	C. L. Frame Dental Supply Co.	Plaster of paris	6 00
O 5902	do.	John Becker	Rabbits	1 50
O 5903	do.	Emil Degenhart	Building repairs	45 00
O 5904	do.	Marshall Field & Co.	General supplies	23 88
O 5905	do.	Equitable Surety Co.	do.	5 00
O 5906	do.	Huntley Dairy Co.	Kazol	2 10
O 5907	do.	Pittsburgh Plate glass Co.	Building repairs	1 90
O 5908	do.	Assn. of American Medical Colleges	Advertising	25 00
O 5909	do.	City of Chicago	Dispensary license	20 00
O 5910	do.	General Electric Co.	Oil	13 13
O 5911	do.	J. M. Hanson-Bennett Magazine Agency	Books	7 00
O 5912	do.	Arthur Ochs	Rabbits	9 00
O 5913	do.	Engle, Ralph	Wages	30 00
O 5914	do.	Augustus, E. K.	do.	70 00
O 5915	do.	Blackburn, Fred J.	do.	50 00
O 5916	do.	Hughes, C. A.	do.	50 00
O 5917	do.	Bennett, W. L.	do.	75 00
O 5918	do.	Richey, F. C.	do.	60 00
O 5919	do.	Stark, Robert W.	do.	100 00
O 5920	do.	Anderson, J. C.	do.	70 00
O 5921	do.	Florence Stoutzenberg	do.	25 00
O 5922	do.	H. E. Crouch	do.	115 00
O 5923	do.	H. A. Cate	do.	70 00
O 5924	do.	Pay roll	January, 1915	3, 128 47
		Black, Marvin H.	Salary	\$ 45 00
		Bote, George S.	do.	80 00
		Brentlinger, Emmett P.	do.	50 00
		Brooks, D. T.	do.	50 00
		Brown, Earl R.	do.	45 00
		Brown, Walter E.	do.	50 00
		Campbell, Charles A.	do.	65 00
		Chapman, Claude C.	do.	100 00
		Carr, Thos. D. T.	do.	50 00
		Dillion, Jasper	do.	55 00
		Dunlap, Burleigh H.	do.	70 00
		Engle, Lawrence	do.	25 00
		Flocken, John B.	do.	65 00
		Gregory, Owen E.	do.	50 00
		Hamlin, Clyde	do.	55 00
		Hamlin, Hiram	do.	55 00
		Harding, Clayton F.	do.	100 00
		Harry, Wilson L.	do.	100 00
		Hunter, Lewis A.	do.	80 00
		Jones, Sadie A.	do.	50 00
		Jones, William C.	do.	75 00
		Keller, Howard	do.	14 40

## OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
O 5924	1915 Jan. 22 Cld.	Lewis, W. S.	Salary	\$45 00
		Lowe, Lucy	do	45 00
		McKendrick, Robt.	do	50 00
		Mapes, Morallo H.	do	50 00
		Marsh, W. T.	do	50 00
		Martin, W. T.	do	45 00
		Miller, Homer O.	do	45 00
		Miller, W. W.	do	75 00
		Muhleman, Elizabeth	do	50 00
		Procise, Fred R.	do	17 74
		Reed, Alice E.	do	60 00
		Rosenthal, Isabella H.	do	16 33
		Ross, Roy M.	do	80 00
		Sharp, Ethel	do	50 00
		Tornquist, Andrew	do	75 00
		Utterback, Hugh	do	45 00
		Utterback, L.	do	50 00
		Whitmire, James S.	do	60 00
		Williamson, Hiram	do	50 00
		Zachmire, Claude E.	do	50 00
		Pollard, Chas.	do	50 00
		Becker, Johann	do	55 00
		Blackwell, J. T.	do	60 00
		Braun, William	do	40 00
		David, Simon	do	50 00
		Drennan, Peter	do	80 00
		George, Elia	do	50 00
		Karochun, Wm.	do	50 00
		Kastanos, John	do	60 00
		Klena, Joseph	do	40 00
		Matthes, Herbert A.	do	40 00
		Mullaney, Herbert	do	40 00
		Rehfeldt, Hubert F.	do	40 00
		Schultz, Harry	do	35 00
		Solomon, Jacob	do	50 00
		VonTasmar, Emil	do	40 00
O 5925	do	Pay roll	January, 1915	\$1,603 33
		Argo, Roy	Salary	55 00
		Barto, Mrs. D. O.	do	20 00
		Burdick, I. F.	do	85 00
		Chaplin, Ralph	do	60 00
		Clemence, Hazel	do	65 00
		Craigmile, Jeannette	do	50 00
		Engle, W. J.	do	75 00
		Hampton, W. J.	do	75 00
		Hedenberg, Alice E.	do	45 00
		Hough, William	do	83 33
		Jenkins, E. H.	do	60 00
		Jensen, Geo. C.	do	55 00
		Kelley, J. R.	do	65 00
		McQueen, Harry D.	do	55 00
		Mink, George	do	50 00
		Patterson, Will	do	50 00
		Palfrey, John R.	do	75 00
		Pine, Fred	do	80 00
		Pritchard, H.	do	70 00
		Pritchard, R.	do	65 00
		Rhoads, Hazel	do	60 00
		Rose, M. D.	do	55 00
		Sanders, Frank	do	50 00
		Sprinkle, D. C.	do	50 00
		Stoneburner, A. J.	do	50 00
		Stivers, Moses	do	50 00
		Swearingen, Daisy O.	do	50 00
aO 5926	Jan. 23	Pay roll	January, 1915	70 00
		Huenink, H. L.	Salary	70 00
aO 5927	Jan. 25	Pay roll	December, 1914, and January, 1915	20 00
		Shaw, Hazel Y.	Salary	\$20 00
O 5928a	do	L. E. Knorr, Assistant Comptroller	General labor	191 94
O 5929a	do	L. E. Knorr, Assistant Comptroller	do	210 07
O 5930a	do	L. E. Knorr, Assistant Comptroller	Student labor	182 37
O 5931a	do	Burroughs Adding Machine Co.	Attention to machine	9 55
O 5932a	do	The Lufkin Rule Co.	Office supplies	10 61
O 5933a	do	Wm. G. Johnston & Co.	Magazine holders	8 10
O 5934a	do	G. S. Rogers	Office supplies	20 00
O 5935a	do	F. J. Burns & Co.	Preserved crawfish	2 50
O 5936a	do	E. Leitz	Laboratory apparatus	85 59
O 5937a	do	Twin City Printing Co.	Printing	10 25
O 5938a	do	Digestive Ferments Co.	Pancreatin	6 15

## OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1915			
O 5939a	Jan. 25	G. A. Garrison	Machinery	\$261 00
O 5940a	..do.	Standard Cap & Seal Co.	Rent	4 50
O 5941a	..do.	J. Adams Puffer	Services	50 00
O 5942a	..do.	E. K. Donoho	Institute work	40 00
O 5943a	..do.	Maud C. Hessler	Addresses	25 00
O 5944a	..do.	J. P. Stout	..do.	20 00
O 5945a	..do.	Grace A. Wells	Museum specimens	50 00
O 5946a	..do.	Champaign Bottling Works	Carbonic acid	2 00
O 5926b	..do.	John H. Doyle	General supplies	13 45
O 5927b	..do.	Flanigan-Pearson Co.	..do.	224 50
O 5928b	..do.	B. A. Strauch	Laboratory apparatus	32 72
O 5929b	..do.	Leavitt Mfg. Co.	General supplies	3 71
O 5930b	..do.	Chas. A. Hall Hardware Co.	..do.	19 24
O 5931b	..do.	E. H. Sargent & Co.	..do.	131 63
O 5932b	..do.	D. H. Lloyd	..do.	3 43
O 5933b	..do.	Reliable Plumbing & Heating Co.	..do.	8 77
O 5934b	..do.	Bausch & Lomb Optical Co.	Laboratory apparatus	276 13
O 5935b	..do.	Frank E. Parris	Building repairs	27 50
O 5936b	..do.	General Chemical Co.	Laboratory apparatus	245 95
O 5937b	..do.	G. C. Willis	General supplies	..do.
O 5938b	..do.	S. E. Huff & Co.	..do.	15 50
O 5939b	..do.	Percival & Moorehead	..do.	8 70
O 5940b	..do.	W. W. Walls & Co.	Building repairs	15 00
O 5941b	..do.	Eimer & Amend	Laboratory supplies	1 86
O 5942b	..do.	The Tablet & Ticket Co.	Office supplies	1 40
O 5943b	..do.	Hoffman & Kropff Chemical Co.	..do.	10 50
O 5944b	..do.	Hoffman & Kropff Chemical Co.	Laboratory supplies	22 00
O 5945b	..do.	Dallenbach Bros.	..do.	6 55
O 5946b	..do.	Westerlin & Campbell Co.	Apparatus repairs	5 42
O 5947	..do.	Kinsey & Mahler Co.	Laboratory supplies	7 06
O 5948	..do.	Pratt & Whitney Co.	General supplies	1 16
O 5949	..do.	T. J. Ryerson & Son	..do.	14 69
O 5950	..do.	Yawman & Erbe Mfg. Co.	Laboratory supplies	2 40
O 5951	..do.	The Chicago Packer	General supplies	1 00
O 5952	..do.	W. L. Keller	Feeding stuffs	413 73
O 5953	..do.	A. E. Burwash	..do.	93 38
O 5954	..do.	Merck & Co.	Laboratory supplies	9 00
O 5955	..do.	Champaign Creamery Co.	General supplies	39 40
O 5956	..do.	Champaign Bottling Works	Laboratory supplies	6 00
O 5957	..do.	University of Illinois Supply Store	Library	90
O 5958	..do.	Herbert W. Mumford	Traveling expenses	4 66
O 5959	..do.	H. A. Winter	Lecture	40 00
O 5960	..do.	Oldham Brother	General supplies	21 30
O 5961	..do.	Williams Brothers	Building repairs	1 00
O 5962	..do.	F. M. Leslie	Furniture and fixtures	2 30
O 5963	..do.	H. Swannell & Son	Laboratory supplies	7 75
O 5964	..do.	G. R. Grubb & Co. Engravers	Publications	49 75
O 5965	..do.	S. E. Dillavou	Machine and tools	70 00
O 5966	..do.	McKey & Poague	Rent	500 00
O 5967	..do.	Weil Brothers	General supplies	29 66
O 5968	..do.	Twin City Roofing Co.	..do.	31 70
O 5969	..do.	Central Electric Co.	..do.	66 18
O 5970	..do.	Caldwell Co.	Lamps	23 24
O 5971	..do.	Western Valve Co.	General supplies	47 14
O 5972	..do.	Western Electric Co.	..do.	64 00
O 5973	..do.	Russell Burdall & Ward Bolt & Nut Co.	..do.	2 79
O 5974	..do.	American Steam Pump Co.	..do.	19 60
O 5975	Jan. 27	The Babcock & Wilcox Co.	Steam gauge	5 12
O 5976	..do.	Shelton Electric Co.	General supplies	2 95
O 5977	..do.	H. A. Hollister	Traveling expenses	24 60
O 5978	..do.	J. J. Didcot	..do.	20 70
O 5979	..do.	Defnet & Jargerson Supply Co.	Feed	134 85
O 5980	..do.	Hektograph Mfg. & Duplicate Co.	Office supplies	6 50
O 5981	..do.	L. F. Rieckhoff	Laboratory supplies	2 85
O 5982	..do.	Creamery Package Mfg. Co.	General supplies	4 50
O 5983	..do.	W. F. Hardy	Machine repairs	4 50
O 5984	..do.	Watson Faulkner	General supplies	8 50
O 5985	..do.	D. T. Dobbins	Feeding stuffs	2 96
O 5986	..do.	Fuller-Morrisson Co.	Laboratory supplies	2 45
O 5987	..do.	Swartz Electric Shop	..do.	4 03
O 5988	..do.	Barker & Wheeler Co.	..do.	5 35
O 5989	..do.	Mrs. Melville F. Johnston	Expert services	159 92
O 5990	..do.	Eberhard Faber	Erasers	14 56
O 5991	..do.	Louis Melind Co.	Office supplies	4 45
O 5992	..do.	Joseph Dixon Crucible Co.	..do.	7 00
O 5993	..do.	Frank A. Pearson	Traveling expenses	14 25
O 5994	..do.	Frank Turner	..do.	9 12
O 5995	..do.	R. E. Hieronymus	..do.	41 55
O 5996	..do.	E. H. Sargent & Co.	Laboratory supplies	22 02

## OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
1915				
O 5997	Jan. 27	The Prang Co. ....	General supplies. ....	\$ 2 56
O 5998	do.	A. L. A. Publishing Board. ....	do. ....	1 08
O 5999	do.	G. W. Sheldon & Co. ....	Freight. ....	1 79
O 6000	do.	H. H. Stoek. ....	Traveling expenses. ....	4 20
O 6001	do.	Charles Englehard. ....	Apparatus repairs. ....	18 00
O 6002	do.	David Rutter & Co. ....	Coal. ....	450 50
O 6003	do.	Marshall Field & Co. ....	Traveling expenses. ....	8 79
O 6034	do.	B. E. Powell. ....	do. ....	4 40
O 6005	do.	J. J. Sloyan. ....	do. ....	7 19
O 6006	do.	H. A. Cate. ....	do. ....	7 89
O 6007	do.	H. F. Rhodes. ....	do. ....	8 29
O 6008	do.	Standard Underground Cable Co. ....	Office supplies. ....	75 89
O 6009	do.	The University Club of Urbana & Cham- paign. ....	Traveling expenses. ....	4 00
O 6010	do.	Beardsley Hotel Co. ....	do. ....	5 00
O 6011	do.	Manhattan Electric Co. ....	Laboratory supplies. ....	32 71
O 6012	do.	Caldwell Co. ....	Office supplies. ....	41 75
O 6013	do.	University Press. ....	Printing. ....	5 75
O 6014	do.	Standard Oil Co. ....	Laboratory supplies. ....	55 60
O 6015	do.	T. H. Craig. ....	Laboratory apparatus. ....	22 00
O 6016	do.	New Jersey Entomological Co. ....	Laboratory supplies. ....	3 00
O 6017	do.	Champaign Gazette. ....	Sundries. ....	1 80
O 6018	do.	Mrs. Jennie C. Barlow. ....	do. ....	66 30
O 6019	do.	Twin City Creamery Co. ....	General supplies. ....	28 00
O 6020	do.	Twin City Ice & Cold Storage Co. ....	do. ....	6 00
5f 6021	do.	C. H. Stoelting Co. ....	Laboratory apparatus. ....	1 11
O 6022	do.	Irma Latzer, (Student). ....	Laboratory assistant. ....	35 00
O 6023	do.	Florence H. Churton. ....	Assistant. ....	40 00
O 6024	do.	R. C. Glover. ....	Bookkeeper. ....	42 00
O 6025	do.	Bernice Wilson. ....	Cafeteria assistant. ....	45 00
O 6026	do.	Earl Garver. ....	Official test. ....	65 00
O 6027	do.	Chas. B. Price. ....	do. ....	60 00
O 6028	do.	C. G. Cox. ....	do. ....	60 00
O 6029	do.	H. C. Lawson. ....	do. ....	60 00
O 6030	do.	C. L. Reisner. ....	do. ....	60 00
O 6031	do.	E. S. Dunham. ....	do. ....	60 00
O 6032	do.	G. S. Beaumont. ....	do. ....	60 00
O 6033	do.	R. R. Manley. ....	do. ....	55 00
O 6034	do.	R. H. Hadley. ....	do. ....	55 00
O 6035	do.	Pay roll. ....	January, 1915. ....	135 00
		Meenach, Earl. ....	Salary. ....	\$65 00
		Morgan, J. K. ....	do. ....	15 00
		Nesbitt, Lawrence F. ....	do. ....	55 00
O 6036	do.	Pay roll. ....	January, 1915. ....	400 00
		Conrad, Emma. ....	Salary. ....	40 00
		Dille, Lavina Faye. ....	do. ....	60 00
		Frazier, Mollie B. ....	do. ....	50 00
		Gossett, J. Oliver. ....	do. ....	60 00
		Kramer, Jennie. ....	do. ....	45 00
		Moody, Arthur L. ....	do. ....	45 00
		Redman, Louise E. ....	do. ....	60 00
		Shue, Mrs. Lizzie B. ....	do. ....	40 00
O 6037	do.	Knowlton & Bennett. ....	General supplies. ....	1 25
O 6038	do.	The Garlock Packing Co. ....	do. ....	17 69
O 6039	do.	The University Press. ....	Printing. ....	9 90
O 6040	do.	J. M. Hanson-Bennett Magazine Agency. ....	General supplies. ....	16 75
O 6041	do.	The Wm. D. Gibson Co. ....	do. ....	4 30
O 6042	do.	Indianapolis Engineering & Electric Co. ....	Publications. ....	27 29
O 6043	do.	The Elliott Co. ....	Office supplies. ....	1 04
O 6044	do.	Albert Wuesteman. ....	Incidentals. ....	7 00
O 6045	do.	City of Urbana, Illinois. ....	Repairing pavement. ....	42 20
O 6046	do.	A. Flanagan Co. ....	Glass records. ....	8 82
O 6047	do.	Schermerhorn Bros. Co. ....	General supplies. ....	23 87
O 6048	do.	Keuffel & Esser Co. of N. Y. ....	do. ....	4 00
O 6049	do.	The American Multigraph Sales Co. ....	do. ....	2 94
O 6050	do.	The Powers Regulator Co. ....	do. ....	43 96
O 6051	do.	Wm. Gaertner & Co. ....	Laboratory apparatus and supply. ....	56 15
O 6052	do.	Bausch & Lomb Optical Co. ....	Laboratory supplies. ....	8 10
O 6053	do.	R. W. McCready Cork Co. ....	do. ....	3 68
O 6054	do.	Swartz Electric Shop. ....	do. ....	2 93
O 6055	do.	Leavitt Mfg. Co. ....	General supplies. ....	19 97
O 6056	do.	Crane Co. ....	do. ....	104 55
O 6057	do.	R. C. Wagner & Son. ....	General labor. ....	211 70
O 6058	Jan. 28	Bradner Smith & Co. ....	Office supplies. ....	38 75
O 6059	do.	Henry B. Ward. ....	Traveling expenses. ....	11 20
O 6060	do.	Morris G. Munson. ....	do. ....	27 44
O 6061	do.	The Cudahy Packing Co. ....	Janitor stores. ....	35 75
O 6062	do.	Mehring & Hanson Co. ....	Medical repairs. ....	36 51
O 6063	do.	Stebbins Hardware Co. ....	Dept., equipment, apparatus. ....	9 35

## OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
1915				
O 6064	Jan. 28	Arthur Ochs	Stores	\$ 27 00
O 6065	do.	Bausch & Lomb Optical Co.	Dept., equipment, apparatus	3 60
O 6066	do.	Marshall Field & Co.	General supplies	7 45
O 6067	do.	E. H. Sargent & Co.	Dept., equipment, apparatus	51 60
O 6068	do.	Mallroy & Mitchell	Advertising	10 45
O 6069	do.	Kimble Durand Glass Co.	General supplies	3 00
O 6070	do.	The University Hospital	Board and room	134 00
O 6071	do.	C. L. Frame Dental Supply Co.	General supplies	3 88
O 6072	do.	H. F. Bremer	Building repairs	23 60
O 6073	do.	Western Lumber Co.	Dental repairs	40 74
O 6074	do.	Edwin F. Rutter	Main apparatus	2 50
O 6075	do.	A. C. McClurg & Co.	Stores	15 39
O 6076	do.	Joseph Walsh	General expense	6 00
O 6077	do.	Spencer Lens Co.	do	1 54
O 6078	do.	Illinois Malleable Iron Co.	do	11 48
O 6079	do.	Chicago Medical Book Co.	do	2 95
O 6080	do.	Physicians' Supply & Drug Co.	Stores	3 50
O 6081	do.	V. Mueller & Co.	General supplies	7 90
O 6082	do.	Ahrens & Schreiner	do	1 81
O 6083	do.	Maas Brothers	do	44 25
O 6084	do.	Fuller-Morrisson Co.	Stores	11 33
O 6085	do.	Commonwealth Edison Co.	Light	246 84
O 6086	do.	Eisner Grocery Co.	General supplies	3 90
O 6087	do.	Knowlton & Bennett	do	5 00
O 6088	do.	Williams Bros.	do	2 00
O 6089	do.	Walker & Mulliken	Furniture repairs	4 00
O 6090	do.	Illinois State Reformatory	Printing	10 65
O 6091	do.	Joseph L. Hills	Sundries	35 00
O 6092	do.	V. E. Spencer	Traveling expenses	11 84
O 6093	do.	H. P. Rusk	do	6 46
O 6094	do.	The Alumni Quarterly	Publications	250 00
O 6095	do.	Powers Regulator Co.	Apparatus repairs	3 50
O 6096	do.	Wm. Hix	Labor	61 50
O 6097	do.	Whitall Tatum Co.	Laboratory supplies	1 49
O 6098	do.	Illinois Motor Car Sales Co.	do	3 75
O 6099	do.	Baker & Co., Inc.	Apparatus repairs	8 94
O 6100	do.	Ansco Co.	General supplies	3 34
O 6101	do.	U. S. Blue Print Co.	do	9 27
O 6102	do.	Leavitt Mfg. Co.	Laboratory supplies and appa- ratus	57 75
O 6103	do.	Winsor & Newton, Ltd.	General supplies	2 90
O 6104	do.	J. D. White	do	196 36
O 6105	do.	Twin City Printing Co.	Printing	2 25
O 6106	do.	G. R. Grubb & Co.	Publications	1 45
O 6107	do.	The Western Electric Co.	Laboratory supplies	3 21
O 6108	do.	Flanigan-Pearson Co.	Publications	122 00
O 6109	do.	E. H. Sargent & Co.	Laboratory apparatus and sup- plies	57 85
O 6110	do.	Bacon Bros.	General supplies	5 30
O 6111	do.	Woldenberg & Schaar	Laboratory supplies	72 80
O 6112	do.	University of Illinois Supply Store	General supplies	2 80
O 6113	do.	Barnhart Bros.	do	3 60
O 6114	do.	F. K. Robeson	Laboratory supplies	9 59
O 6115	do.	C. A. Hall Hardware Co.	General supplies	20 87
O 6116	do.	Twin City Roofing Co.	Building repairs	40 00
O 6117	do.	Taylor Hardware Co.	Laboratory supplies	106 98
O 6118	do.	J. C. Thomas	General supplies	1 48
O 6119	do.	Sears, Roebuck & Co.	Blue printing and photograph	4 05
O 6120	do.	B. A. Strauch	do	4 04
O 6121	do.	The Burr Co.	Machine repairs	25 66
O 6122	do.	D. H. Lloyd	General supplies	9 19
O 6123	do.	Geo. B. Carpenter & Co.	do	15 71
O 6124	Jan. 29	National Blank Book Co.	Office supplies	21 56
O 6125	do.	H. P. Rusk	Traveling expenses	1 66
O 6126	do.	C. C. Logan	do	22 87
O 6127	do.	Alexander Galbraith	Lectures and recitations	65 50
O 6128	do.	Eimer & Amend	Laboratory supplies	8 22
O 6129	do.	Imperial Cotton Milling Co.	Feeding stuffs	151 70
O 6130	do.	Ennis Hay Co.	do	139 89
O 6131	do.	J. C. Gabel & Co.	General supplies	62 20
O 6132	do.	Harris-Dillavou & Co.	do	39 85
O 6133	do.	Illinois State Reformatory	Printing	110 20
O 6134	do.	Geo. J. Kroeckm & Co.	General supplies	35 45
O 6135	do.	R. C. Wagner & Son	Coal	659 05
O 6136	do.	E. W. Mattoon	General clerical work	60 00
O 6137	do.	Albert Bradford	Expert services	60 00



## OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1915			
O 6138	Jan. 29	B. R. Ordenez	Expert services	\$ 84 10
O 6139	..do...	The Letter Shop	General clerical work	2 90
O 6140	..do...	H. & M. Div. Taylor Instrument Co.	Laboratory apparatus	4 00
O 6141	..do...	Electric Appliance Co.	General supplies	24 56
O 6142	..do...	Chas. A. Strelinger Co.	..do.	4 80
O 6143	..do...	W. H. Salisbury & Co.	Laboratory supplies	2 04
O 6144	..do...	Central Scientific Co.	..do.	5 42
O 6145	..do...	C. H. Besley & Co.	Machine repairs	3 11
O 6146	..do...	Ed. Gordin	Live stock	425 00
O 6147	..do...	The Perry Pictures Co.	General supplies	10 50
O 6148	..do...	Twin City Creamery Co.	Food	17 60
O 6149	..do...	Rieckhoff Bakery	..do.	1 20
O 6150	..do...	B. A. Railton Co.	..do.	30 00
O 6151	..do...	Walker & Mulliken	Furniture and fixtures	4 50
O 6152	..do...	Illinois State Reformatory	Printing	18 05
O 6153	..do...	Irwin Bros.	Food	30 91
O 6154	..do...	J. A. Morrow	Traveling expenses	4 36
O 6155	..do...	Twin City Roofing Co.	General supplies	58 40
O 6156	..do...	W. Lewis & Co.	..do.	1 80
O 6157	..do...	Ideal Electric Co.	..do.	3 98
O 6158	..do...	G. R. Grubb & Co.	Publications	22 55
O 6159	..do...	Leavitt Mfg. Co.	General supplies	27 36
O 6160	..do...	Elmer & Amend	Laboratory supplies	7 72
O 6161	..do...	B. S. Pickett	General supplies	21 00
O 6162	Jan. 30	Comparative Law Bureau	Annual dues	5 00
O 6163	..do...	T. H. Flood & Co.	Publications	4 50
O 6164	..do...	D. H. Lloyd	Blue printing and photograph	2 60
O 6165	..do...	John H. Doyle	General supplies	5 10
O 6166	..do...	H. Swannell & Son	..do.	1 00
O 6167	..do...	The Caldwell Co.	..do.	4 52
O 6168	..do...	Globe Mfg. Co.	..do.	9 80
O 6169	..do...	Western Roofing & Supply Co.	..do.	8 05
O 6170	..do...	Samuel P. Irwin	Publications	4 00
O 6171	..do...	C. J. Hicks	Traveling expense	6 97
O 6172	..do...	Flanigan-Pearson Co.	Printing	6 00
O 6173	..do...	Albert E. Wuesteman	Laboratory apparatus	27 00
O 6174	..do...	Stefford Engineering Co.	Blue printing and photograph	4 58
O 6175	..do...	B. A. Strauch	Laboratory apparatus	5 50
O 6176	..do...	The University Press	Printing	2 25
O 6177	..do...	Flonsts' Publishing Co.	General supplies	2 00
O 6178	..do...	Barnhart Bros.	Furniture and fixtures	6 00
O 6179	..do...	Chas. F. Hottes	Blue printing and photograph	12 15
O 6180	..do...	Walker & Mulliken	Apparatus repairs	4 00
O 6181	..do...	Illinois State Reformatory	Printing	28 00
O 6182	..do...	John B. Bennett	Building improvements	273 54
O 6183	..do...	The Burr Co.	General supplies	4 27
O 6184	..do...	Twin City Printing	..do.	1 35
O 6185	..do...	Taylor Hardware Co.	Building repairs	3 95
O 6186	..do...	The Carswell Co., Ltd.	Books	32 40
O 6187	Feb. 2	Pay roll	January, 1915	562 94
		Bernard, Lester C.	Salary	\$ 72 80
		Boyer, Walter H.	..do.	95 00
		Henderson, T. O.	..do.	110 20
		Lescher, Frank M.	..do.	97 88
		Munson, Morris G.	..do.	62 30
		Murphy, Ruthe	..do.	61 05
		Perry, F. M.	..do.	63 71
O 6188	..do...	Pay roll	January, 1915	177 50
		Carothers, Cevilla	Salary	52 50
		Kelly, Ralph L.	..do.	125 00
O 6189	..do...	Pay roll	January, 1915	230 83
		Gustafson, C. L.	Salary	97 50
		Math, E. R.	..do.	133 33
O 6190	..do...	Pay roll	January, 1915	143 00
		Bevis, A.	Salary	143 00
O 6191	Feb. 3	L. E. Knorr, Assistant Comptroller	General labor	222 01
O 6192	..do...	L. E. Knorr, Assistant Comptroller	..do.	253 38
O 6193	..do...	L. E. Knorr, Assistant Comptroller	Student labor	388 35
O 6194	Feb. 8	The Linde Air Products Co.	Laboratory apparatus	6 00
O 6195	..do...	Kinsey & Mahler Co.	..do.	16 80
O 6196	..do...	Royal A. Stipes	General supplies	7 75
O 6197	..do...	Pittsburgh Plate Glass Co.	Ribbed wire	65 63
O 6198	..do...	C. C. Ferguson	General supplies	24 00
O 6199	..do...	E. H. Sargent & Co.	Laboratory supplies	223 57
O 6200	..do...	Leavitt Mfg. Co.	General supplies	13 90
O 6201	..do...	G. C. Willis	..do.	54 03
O 6202	..do...	Champaign Steam Laundry	Laundry	85 43
O 6203	..do...	S. E. Huff & Co.	Building material	5 50
O 6204	..do...	Walker & Mulliken	General supplies	13 05

## OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
O 6205	Feb. 8	Metzler & Schafer Co.	General supplies.	\$ 4 00
O 6206	do.	F. M. Leslie.	do.	27 65
O 6207	do.	F. K. Robeson.	Laboratory apparatus.	36 25
O 6208	do.	B. A. Strauch.	General supplies.	5 50
O 6209	do.	Twin City Roofing Co.	Laboratory apparatus.	26 95
O 6210	do.	B. E. Spalding.	General supplies.	2 40
O 6211	do.	R. W. Braithwaite.	Services.	40 25
O 6212	do.	Eimer & Amend.	Laboratory apparatus.	22 29
O 6213	do.	Fuller, Morrison Co.	Laboratory supplies.	266 33
O 6214	do.	Illinois State Reformatory.	Printing.	505 05
O 6215	do.	The Burr Co.	Laboratory apparatus.	32 15
O 6216	do.	Flanigan-Pearson Co.	General supplies.	207 96
O 6217	do.	E. A. Eichhorst.	do.	2 25
O 6218	do.	Champaign Seed Co.	Meal and corn.	22 23
O 6219	do.	Bausch & Lomb Optical Co.	Carbons.	2 70
O 6220	do.	The Tablet & Ticket Co.	General supplies.	7 13
O 6221	do.	The W. S. Tyler Co.	Laboratory supplies.	2 91
O 6222	do.	D. O. Barto.	Poultry.	7 50
O 6223	do.	Blanke Mfg. & Supply Co.	General supplies.	5 12
O 6224	do.	The Dienm & Wing Paper Co.	Parchment circles.	1 60
O 6225	do.	G. A. Garrison.	Wheat.	57 33
O 6226	do.	The Roessler & Hasslacher Chemical Co.	Laboratory apparatus.	27 50
O 6227	do.	The Thermal Syndicate, Ltd.	Flasks.	8 82
O 6228	do.	Albert E. Wuesteman.	Stop watch.	7 00
O 6229	do.	The Standard Calorimeter Co.	Sulphur bomb.	1 35
O 6230	do.	White Line Steam Laundry.	Laundry.	21 32
O 6231	do.	The Alumni Assn.	Advertising.	3 35
O 6232	do.	J. E. Whitechurch.	Traveling expense.	38 35
O 6233	do.	Creamery Package Mfg. Co.	Freight.	1 69
O 6234	do.	Ideal Electric Co.	Electrical supplies.	4 35
O 6235	do.	Montgomery Ward Co.	Laboratory apparatus.	18 33
O 6236	do.	Shenandoah Nurseries.	Seedlings.	4 70
O 6237	do.	E. Leitz.	Laboratory supplies.	5 60
O 6238	do.	Kouffel & Esser Co.	Jupiter blades.	4 66
O 6239	do.	Commercial Telephone & Telegraph Co.	Toll.	14 35
O 6240	do.	Knowlton & Bennett.	Asphaltum paint.	1 00
O 6241	do.	Percival & Moorehead.	General supplies.	2 30
O 6242	do.	Twin City Ice & Cold Storage Co.	Ice.	12 00
O 6243	do.	Eisner Grocery Co.	Salt.	1 30
O 6244	do.	D. H. Lloyd.	Pens.	13 00
O 6245	do.	Standard Oil Co.	Parowax.	1 30
O 6246	do.	The University Press.	Tympan sheets.	2 25
O 6247	do.	H. Swannell & Son.	Pumice stone.	1 70
O 6248	do.	W. Lewis & Co.	Cloth.	15 05
O 6249	do.	Geo. Banta Publishing Co.	Printing.	7 50
O 6250	do.	F. D. Lambert.	Laboratory supplies.	52 91
O 6251	do.	Scheietzka Bros.	Lettering slides.	4 50
O 6252	do.	R. J. Stone.	Services.	5 00
O 6253	do.	Jas. K. Mills.	Prints.	6 52
O 6254	do.	Detroit Flower Pot Co.	General supplies.	115 95
O 6255	do.	Farrar & Quinlan.	Food supplies.	53 90
O 6256	do.	Dallenbach Bros.	do.	76 51
O 6257	do.	Economic Geology Publishing Co.	Books.	1 50
O 6258	do.	Twin City Electric Co.	Shades.	1 95
O 6259	do.	Chas. A. Strelinger Co.	Spur gears.	1 57
O 6260	do.	Machinist Supply Co.	Hack saw blades.	3 04
O 6261	do.	Kinsey & Mahler Co.	Castings.	11 94
O 6262	Feb. 9	Jas. O. Tupper.	Traveling expense.	45 37
O 6263	do.	H. F. Rhodes.	do.	10 65
O 6264	do.	C. G. Cox.	do.	19 81
O 6265	do.	Frank Turner.	do.	14 04
O 6266	do.	L. V. Walcott.	Services.	30 00
O 6267	do.	W. B. Mills.	do.	48 00
O 6268	do.	H. P. Joy.	do.	10 00
O 6269	do.	J. J. Didcoet.	Traveling expense.	18 66
O 6270	do.	H. A. Hollister.	do.	22 43
O 6271	do.	James L. Drennan.	Rent.	228 00
O 6272	do.	L. L. May & Co.	General supplies.	3 45
O 6273	do.	L. E. Knorr, Assistant Comptroller.	Student labor.	147 40
O 6274	do.	L. E. Knorr, Assistant Comptroller.	General labor.	323 77
O 6275	Feb. 11	Keuffel & Esser Co.	General supplies.	13 23
O 6276	do.	Marshall Field & Co.	Laboratory supplies.	31 70
O 6277	do.	Ahrens & Schreiner.	General supplies.	2 05
O 6278	do.	Physician's Supply & Drug Co.	do.	28 11
O 6279	do.	V. Mueller & Co.	do.	51 68
O 6280	do.	The Western Electric Co.	Electrical supplies.	11 89
O 6281	do.	Fuller & Morrison Co.	General supplies.	61 73
O 6282	do.	A. C. McClurg & Co.	do.	21 90

## OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
<b>1915</b>				
O 6283	Feb. 11	A. A. Hinkley	Field work	\$ 64 05
O 6284	do.	C. L. Frame Dental Supply Co.	General supplies	20 96
O 6285	do.	John Becker	Laboratory supplies	13 50
O 6286	do.	J. R. Van Kleeck	Traveling expense	33 09
O 6287	do.	Louis Melind Co.	General supplies	7 70
O 6288	do.	Huntley Dairy Co.	do.	5 44
O 6289	do.	Pittsburgh Plate Glass Co.	Building material	32 62
O 6290	do.	Geo. F. Tullock	Rent	231 85
O 6291	do.	Cameron Schroth Co.	General supplies	11 22
O 6292	do.	E. H. Sargent & Co.	Flasks	2 50
O 6293	do.	T. D. Yensen	Traveling expense	28 49
O 6294	do.	F. A. Aust	do.	7 75
O 6295	do.	B. E. Powell	do.	6 40
O 6296	do.	French Battery & Carbon Co.	Batteries	20 58
O 6297	do.	E. G. Soltmann	Color box	2 17
O 6298	do.	Weil Brothers	General supplies	43 92
O 6299	do.	Newman Clock Co.	Regulator	14 70
O 6300	do.	U. S. Radiator Corporation	Radiators	10 69
O 6301	do.	The University Hospital	Board and room	115 65
O 6302	do.	Thompson & Jameson	Elevator repairs	2 75
O 6303	do.	Hamblin Plumbing Co.	Building repairs	10 74
O 6304	do.	Olive Percival	Services	110 00
O 6305	do.	Fannie Brooks	do.	20 00
O 6306	do.	Geo. Conover	Rent	111 00
O 6307	do.	D. M. White	do.	8 50
O 6308	do.	International Forwarding Co.	Freight	3 75
O 6309	do.	O. Carlczek & Co.	Laboratory apparatus	13 75
O 6310	do.	The Underwood Typewriter Co.	Rental	10 50
O 6311	do.	Harms & Scheuber	Carrots	5 00
O 6312	do.	Baron Bros. Coal Co.	Hay	3 06
O 6313	do.	Hibbard Spencer Bartlett Co.	Laboratory supplies	7 25
O 6314	do.	Western Fuel Co.	Coal	366 95
O 6315	do.	Thos. J. Dee & Co.	General supplies	223 10
O 6316	do.	Illinois Malleable Iron Co.	Machine repairs	1 62
O 6317	do.	Western Lumber Co.	Building repairs	3 36
O 6318	do.	Arthur Ochs	Rabbits	27 00
O 6319	do.	American Radiator Co.	Radiators	44 81
O 6320	do.	A. L. A. Publishing Board	Books	9 00
O 6321	do.	Rochelle Seed Co.	Clover seed	222 48
O 6322	do.	Library of Congress	Printed cards	75 00
O 6323	do.	John Crerar Library	do.	25 00
O 6324	do.	Gaylord Brothers	Library signs	2 00
O 6325	do.	D. I. Bushnell & Co.	Oats	48 75
O 6326	do.	Aspinwall Brothers	Plants	2 50
O 6327	do.	Dallenbach Bros.	Laboratory apparatus	7 65
O 6328	do.	The Arcus Ticket Co.	Coupon tickets	6 00
O 6329	do.	The American Journal of Pharmacy	Subscriptions	6 00
O 6330	do.	Flat Iron Store	Sheeting	5 40
O 6331	do.	Twin City Creamery Co.	Food supplies	39 67
O 6332	do.	White Poultry Farm	Chickens	8 80
O 6333	do.	J. F. Webster & Co.	Food supplies	28 35
O 6334	do.	Eastman Kodak Co.	Developing powders	22 00
O 6335	do.	The Leeds & Northrup Co.	Iron standard	11 95
O 6336	do.	George Banta Publishing Co.	Laboratory apparatus	283 80
O 6337	do.	W. Lewis & Co.	General supplies	19 50
O 6338	do.	Neostyle Co.	Stencils	1 75
O 6339	do.	Chicago Farmers & Drovers Journal	Journals	9 75
O 6340	do.	Conner & Quayle	Horseshoes	30 00
O 6341	Feb. 12	Twin City Bindery	Printing	44 75
O 6342	do.	F. M. Foltz	Shoeing	18 25
O 6343	do.	Champaign Steam Laundry	Laundry	30 65
O 6344	do.	W. G. Griffith	Clover seed	143 50
O 6345	do.	Jacob White	Plastering	40 75
O 6346	do.	S. A. Courtis	General supplies	124 55
O 6347	do.	C. H. Stoelting Co.	Rubber tubing	36 33
O 6348	do.	Smith & Co.	Ice	4 00
O 6349	do.	R. C. Wagner & Son	Labor	73 40
O 6350	do.	The Wabash Cabinet Co.	General supplies	7 64
O 6351	do.	Vaughan's Seed Store	do.	1 47
O 6352	do.	The Enterprise Mfg. Co.	Apparatus repairs	1 93
O 6353	do.	Creamery Package Mfg. Co.	General supplies	5 40
O 6354	do.	Champaign Ice Cream Co.	Gelatine	3 80
O 6355	do.	20th Century Press Clipping Bureau	Clippings	7 50
O 6356	do.	Keuffel & Esser Co.	Thatcher machine	15 00
O 6357	do.	Society of American Bacteriologist	Charts	2 30
O 6358	do.	Tice & Lynch, Inc.	Freight	10 72
O 6359	do.	Sullivan Condensed Milk Co.	General supplies	22 51
O 6360	do.	H. P. Rusk	Traveling expense	17 44

## OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1915			
O 6361	Feb. 12	G. E. Amsbary Co.	General supplies.	\$ 7 43
O 6362	do.	The Falk Co.	Laboratory supplies.	18 80
O 6363	do.	Smith & Co.	Ice.	40 00
O 6364	do.	Elmer & Amend.	Wire.	29 82
O 6365	do.	Sharon Coal & Brick Co.	Coal.	308 75
O 6366	do.	J. Arthur Thompson.	Lecture.	5 00
O 6367	do.	W. H. Smith.	Traveling expense.	10 10
O 6368	do.	H. I. Huntington.	do.	14 54
O 6369	do.	F. W. Farley.	do.	13 98
O 6370	do.	F. A. Pearson.	do.	13 20
O 6371	do.	Crucible Steel Co.	Laboratory apparatus.	6 71
O 6372	do.	Ray Fisher.	Straw.	65 78
O 6373	do.	Mrs. Jennie C. Barlow.	Services.	30 00
O 6374	do.	Franz A. Aust.	Traveling expense.	2 83
O 6375	do.	Western Society of Engineers.	Advertisement.	60 00
O 6376	do.	Wilhelm Miller.	Traveling expense.	9 83
O 6377	do.	E. B. Hoskins.	do.	23 72
O 6378	do.	Harrison Fahrnkopf.	do.	2 78
O 6379	do.	Twin City Roofing Co.	Copper.	48 75
O 6380	do.	Corbin Screw Division.	Laboratory apparatus.	7 98
O 6381	Feb. 15	Pay roll.	February, 1915.	88,606 17
		Filbey, E. J.	Salary.	\$ 183 33
		James, Edmund J.	do.	1,000 00
		Frazer, George E.	do.	333 33
		Fair, Sue M.	do.	80 00
		Warnock, A. R.	do.	150 00
		Clark, T. A.	do.	500 00
		Strong, Lillian.	do.	50 00
		Kyle, Martha J.	do.	166 66
		Huff, G. A.	do.	416 66
		Manley, E. J.	do.	100 00
		Jones, R. R.	do.	120 00
		Gill, Harry.	do.	220 00
		Fargo, R. N.	do.	166 66
		Casner, Sidney.	do.	40 00
		Moulton, Gertrude.	do.	133 33
		Brooks, Verna.	do.	100 00
		Osmond, Edith G.	do.	90 00
		Hughitt, Anna L.	do.	110 00
		Gaut, Rosa-Lee.	do.	50 00
		Jackson, Mabel.	do.	20 00
		Stevens, Hulda.	do.	80 00
		Houston, Ruth.	do.	80 00
		Webster, F. D.	do.	48 00
		Greene, J. H.	do.	20 00
		Grunewald, A. H.	do.	20 00
		Armstrong, W. C.	do.	20 00
		Elles, E. C.	do.	20 00
		Pool, E. H.	do.	20 00
		Hood, C. F.	do.	20 00
		Knapp, L. D.	do.	20 00
		Hostetler, J. C.	do.	20 00
		Niver, Roe.	do.	20 00
		Borden, H. E.	do.	20 00
		Hollister, H. A.	do.	270 83
		Didcoct, J. J.	do.	133 33
		Eldredge, A. G.	do.	250 00
		Bollman, Minnie J.	do.	32 50
		Breedis, John.	do.	18 00
		Britton, F. E.	do.	40 00
		Christy, Glen.	do.	18 00
		Craig, Jennie.	do.	80 00
		Drury, F. K. W.	do.	200 00
		Dunlap, Fannie.	do.	65 00
		Felsenthal, Emma.	do.	83 33
		Fontaine, E. O.	do.	36 00
		Gibson, Mabel.	do.	27 50
		Goulding, P. S.	do.	166 66
		Graves, C. E.	do.	100 00
		Herdman, Margaret.	do.	75 00
		Hubbard, Marie.	do.	27 50
		Hutchins, Margaret.	do.	83 33
		Janvrin, C. E.	do.	41 66
		Johnson, Alice.	do.	83 33
		Jutton, Emma R.	do.	108 33
		Leatherman, Marion.	do.	75 00
		Patton, Adah.	do.	91 66
		Torrance, Mary C.	do.	75 00

## OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
O 6381 Ctd.	1915 Feb. 15	Troy, Mary Z.	Salary	\$ 65 00
		Windsor, P. L.	do.	291 66
		Conat, Mabel.	do.	65 00
		England, Grace.	do.	65 00
		Erwin, Elizabeth.	do.	30 00
		Eppinger, J. G.	do.	36 00
		Williams, Margaret.	do.	48 00
		Baechtold, Elsie.	do.	65 00
		Wyeth, Oia M.	do.	80 00
		Price, M. A.	do.	70 00
		Wood, H. T.	do.	30 00
		Roberts, Nellie.	do.	32 50
		Hester, Elizabeth.	do.	60 00
		Signor, Nelle.	do.	32 50
		Penrose, Alma.	do.	65 00
		Davenport, Eugene.	do.	500 00
		Checkley, J. H.	do.	100 00
		Hieronymus, R. E.	do.	250 00
		Jamison, A. W.	do.	166 66
		Miller, W. P.	do.	50 00
		Nolan, A. W.	do.	200 00
		Rankin, F. H.	do.	291 66
		Alyn, Orr.	do.	100 00
		Aumer, J. P.	do.	150 00
		Bauer, F. C.	do.	150 00
		Binding, L. R.	do.	100 00
		Brunson, A. M.	do.	83 33
		Burlison, W. L.	do.	116 66
		Clevenger, C. B.	do.	83 33
		Dickenson, R. W.	do.	100 00
		Dickerson, I. W.	do.	150 00
		Eckblaw, K. J. T.	do.	150 00
		Ellis, O. L.	do.	83 33
		Fahrnkopf, H. F. T.	do.	83 33
		Fisher, F. A.	do.	116 66
		Fisher, O. S.	do.	208 33
		Garrett, F. W.	do.	116 66
		Gentle, G. E.	do.	83 33
		Gernert, W. B.	do.	150 00
		Gilkerson, H. C.	do.	83 33
		Gustafson, A. F.	do.	175 00
		Holt, S. V.	do.	150 00
		Hoskins, E. E.	do.	150 00
		Leighty, W. R.	do.	116 66
		Logan, C. C.	do.	150 00
		Mosier, J. G.	do.	291 66
		Niederman, Gertrude.	do.	100 00
		Sachs, W. H.	do.	150 00
		Schoonover, W. R.	do.	83 33
		Smith, L. H.	do.	291 66
		Snider, H. J.	do.	83 33
		Stewart, H. W.	do.	150 00
		VanAlstine, E.	do.	175 00
		Walworth, E. H.	do.	83 33
		Wascher, F. M. W.	do.	116 66
		Wheeler, H. C.	do.	150 00
		Whiting, A. L.	do.	150 00
		Hopkins, C. G.	do.	416 66
		Reed, C. O.	do.	116 66
		Jahr, M. E.	do.	133 33
		Ebersol, E. T.	do.	50 00
		Newell, C. R.	do.	100 00
		Torgerson, E. F.	do.	70 00
		DeWitt, H. A.	do.	70 00
		Barto, D. O.	do.	200 00
		Bull, Sleeter.	do.	150 00
		Carmichael, W. J.	do.	116 66
		Coffey, W. C.	do.	266 66
		Detlelson, J. A.	do.	200 00
		Edmunds, J. L.	do.	208 33
		Mumford, H. W.	do.	416 66
		Newlin, C. I.	do.	108 33
		Handschin, W. F.	do.	62 50
		Rusk, H. P.	do.	208 33
		Smith, W. H.	do.	141 66
		Yoke, J. J.	do.	100 00
		Roberts, Elmer.	do.	100 00
		Whisenand, J. W.	do.	41 66
		Harper, Claude.	do.	83 33

## OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
O 6381 Ctd.	1915 Feb. 15	Andrews, J. B.	Salary	\$100 00
		Keith, Mary H.	do.	108 33
		Shiner, R. T.	do.	70 00
		Baumgartner, H. C.	do.	70 00
		Hepburn, N. W.	do.	208 33
		Brand, R. E.	do.	175 00
		Crandall, W. T.	do.	150 00
		Fraser, W. J.	do.	291 66
		Harding, H. A.	do.	416 66
		Hulce, R. S.	do.	133 33
		Keller, O. A.	do.	100 00
		Lang, L. R.	do.	175 00
		Ruehe, H. A.	do.	141 66
		Weeter, H. M.	do.	83 33
		Yapp, W. W.	do.	100 00
		Nevens, W. B.	do.	75 00
		Allen, P. W.	do.	66 66
		Turner, Frank.	do.	75 00
		Becker, Georgia.	do.	65 00
		Allison, I. D.	do.	150 00
		Aust, F. A.	do.	116 66
		Bailey, E. W.	do.	175 00
		Blair, J. C.	do.	416 66
		Bole, S. J.	do.	150 00
		Bregger, Thomas.	do.	116 66
		Colby, A. S.	do.	60 00
		Crandall, C. S.	do.	291 66
		Dorner, H. B.	do.	250 00
		Durst, C. E.	do.	150 00
		Gardner, J. J.	do.	166 66
		Gunderson, A. J.	do.	116 66
		Hutchinson, James.	do.	100 00
		Lloyd, J. W.	do.	291 66
		Miller, Wilhelm.	do.	250 00
		Muncie, F. W.	do.	100 00
		Feltier, G. L.	do.	133 33
		Pickett, B. S.	do.	250 00
		Rees, C. C.	do.	50 00
		Robinson, C. M.	do.	100 00
		Root, R. R.	do.	208 33
		Ruth, W. A.	do.	150 00
		Sayre, C. B.	do.	70 00
		Smith, F. A. C.	do.	125 00
		Watkins, O. S.	do.	175 00
		Evans, F. N.	do.	150 00
		Blaney, H. W.	do.	116 66
		Brown, H. D.	do.	70 00
		Englis, D. T.	do.	60 00
		Miles, L. E.	do.	41 66
		VanKleck, J. R.	do.	83 33
		Deal, Edwin.	do.	41 66
		Hecht, August.	do.	70 00
		Venning, F. L.	do.	125 00
		Bevier, Isabel.	do.	250 00
		Goldthwaite, Nellie.	do.	208 33
		Gray, Cora E.	do.	116 66
		Harrison, Florence.	do.	116 66
		Parsons, Maud.	do.	125 00
		Seymour, Lurene.	do.	150 00
		Wheeler, Ruth.	do.	141 66
		Gray, Gretta E.	do.	108 33
		Fleming, Georgia.	do.	100 00
		Stevens, Grace.	do.	108 33
		Bunch, Mamie.	do.	166 66
		Williams, Anna W.	do.	100 00
		Stanton, Margaret.	do.	116 66
		McIntosh, Donald.	do.	208 33
		Ash, Percy.	do.	208 33
		Clark, C. R.	do.	166 66
		Provine, L. H.	do.	291 66
		Ricker, N. C.	do.	291 66
		Titecomb, W. C.	do.	175 00
		Wells, N. A.	do.	208 33
		Fanning, R. S.	do.	120 00
		Foster, W. D.	do.	140 00
		Jones, R. T.	do.	160 00
		Corrubia, A. B. M.	do.	160 00
		Wolfe, W. S.	do.	110 00
		Fehrenkamp, Winifred.	do.	83 33

## OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
O 6381 Ctd.	1915 Feb. 15	Muehlmann, Ralph.....	Salary.....	\$140 00
		Stanton, W. M.....	do.....	120 00
		Kellogg, J. M.....	do.....	150 00
		Burton, S. C.....	do.....	150 00
		Baker, I. O.....	do.....	333 33
		Bowling, B. L.....	do.....	83 33
		Garver, N. B.....	do.....	141 66
		McDaniel, A. B.....	do.....	229 16
		Smith, J. E.....	do.....	150 00
		Wiley, C. C.....	do.....	141 66
		Wilson, W. M.....	do.....	183 33
		Pickells, G. W.....	do.....	150 00
		Rayner, W. H.....	do.....	130 00
		Davis, R. E.....	do.....	120 00
		Ellis, C. A.....	do.....	264 20
		Mills, G. G.....	do.....	100 00
		Biegler, P. S.....	do.....	166 66
		Brooks, Morgan.....	do.....	250 00
		Fisk, I. W.....	do.....	133 33
		James, L. V.....	do.....	133 33
		Paine, E. B.....	do.....	250 00
		Waldo, E. H.....	do.....	166 66
		Knight, A. R.....	do.....	150 00
		Davis, J. W.....	do.....	140 00
		Moore, C. R.....	do.....	150 00
		Miller, H. W.....	do.....	183 33
		Porter, F. M.....	do.....	125 00
		Steward, R. K.....	do.....	141 66
		Jordan, H. H.....	do.....	140 00
		Crane, Rufus.....	do.....	100 00
		Husband, R. M.....	do.....	30 00
		Atwell, C. A.....	do.....	90 00
		Benedict, B. W.....	do.....	291 66
		Dent, J. A.....	do.....	150 00
		Frisk, J. A.....	do.....	91 66
		Goodenough, G. A.....	do.....	291 66
		Harding, L. A.....	do.....	291 66
		Leutwiler, O. A.....	do.....	241 66
		Richards, C. R.....	do.....	479 16
		Willard, A. C.....	do.....	200 00
		Godeke, H. F.....	do.....	140 00
		Kennedy, R. E.....	do.....	150 00
		Waterfall, H. W.....	do.....	140 00
		Torrance, F. C.....	do.....	120 00
		Rebman, P. J.....	do.....	90 00
		Gross, G. A.....	do.....	150 00
		Frank, Edwin.....	do.....	120 00
		Duncan, J. M.....	do.....	90 00
		Lanham, E. T.....	do.....	120 00
		McDewell, H. S.....	do.....	120 00
		Domonske, A. B.....	do.....	140 00
		Radebaugh, G. H.....	do.....	120 00
		Hogue, J. H.....	do.....	120 00
		DeTurk, J. A.....	do.....	120 00
		Holbrook, E. A.....	do.....	208 33
		Stoak, H. H.....	do.....	416 66
		Callan, A. C.....	do.....	150 00
		Andros, S. O.....	do.....	175 00
		Enger, M. L.....	do.....	187 50
		Fleming, V. R.....	do.....	150 00
		Talbot, A. N.....	do.....	416 66
		Seeley, F. B.....	do.....	170 00
		Boomsliter, G. P.....	do.....	170 00
		Noerenberg, C. E.....	do.....	170 00
		Ensign, N. E.....	do.....	150 00
		Babbitt, H. E.....	do.....	150 00
		Gardner, Harry.....	do.....	150 00
		Vallance, Alexander.....	do.....	140 00
		Putnam, W. J.....	do.....	120 00
		Carman, A. P.....	do.....	416 66
		Knipp, C. T.....	do.....	233 33
		Kunz, Jacob.....	do.....	208 33
		Schulz, W. F.....	do.....	183 33
		Williams, E. H.....	do.....	141 66
		Watson, F. R.....	do.....	229 16
		Randolph, O. A.....	do.....	100 00
		Hyslop, W. H.....	do.....	95 00
		Warner, E. H.....	do.....	90 00
		Karrer, Sebastian.....	do.....	75 00

## OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
O 6381 Ctd.	1915 Feb. 15	Nathanson, J. B.	Salary	\$ 75 00
		Hill, C. F.	do.	50 00
		Bayley, P. L.	do.	50 00
		Jones, L. T.	do.	115 00
		Buck, A. M.	do.	150 00
		Comstock, A. F.	do.	166 66
		Schmidt, E. C.	do.	333 33
		Snodgrass, J. M.	do.	183 33
		Dunn, H. H.	do.	116 66
		Keller, R. B.	do.	166 66
		Kratz, A. P.	do.	133 33
		McFarland, D. F.	do.	166 66
		Moore, H. F.	do.	250 00
		Slater, W. A.	do.	150 00
		Yensen, T. D.	do.	133 33
		Gonnerman, H. F.	do.	150 00
		Wilson, L. A.	do.	116 66
		Dieckmann, T. W.	do.	60 00
		Belt, J. H.	do.	50 00
		Montgomery, Julian	do.	50 00
		Fogue, R. B.	do.	50 00
		Gatward, W. A.	do.	50 00
		Lichty, L. C.	do.	50 00
		Lukens, W. P.	do.	50 00
		Young, E. G.	do.	50 00
		Laying, T. E.	do.	50 00
		Draffin, J. O.	do.	50 00
		Nebel, M. L.	do.	50 00
		Decker, E. H.	do.	291 66
		Green, Frederick	do.	291 66
		Harker, O. A.	do.	416 66
		Hale, W. G.	do.	291 66
		Pomeroy, J. N.	do.	258 33
		Verner, C. G.	do.	291 66
		Carpenter, C. E.	do.	208 33
		Babcock, K. C.	do.	416 66
		Miller, Eva G.	do.	66 66
		Lake, E. J.	do.	187 50
		Wetmore, Mary M.	do.	150 00
		Bradbury, C. E.	do.	140 00
		Stebbins, Joel	do.	291 66
		Samuels, A. I.	do.	35 00
		Reed, F. W.	do.	140 00
		Sperry, J. E.	do.	150 00
		Burton, L. V.	do.	120 00
		Winslow, J. C.	do.	54 00
		Hottes, C. F.	do.	250 00
		Stevens, F. L.	do.	333 33
		Trelease, William	do.	416 66
		Hague, Stella M.	do.	100 00
		McDougall, W. B.	do.	120 00
		Parr, Rosalie	do.	80 00
		Quick, B. E.	do.	60 00
		Kempton, F. E.	do.	60 00
		Dalbey, Nora	do.	60 00
		Waggoner, H. D.	do.	60 00
		Pickler, W. E.	do.	30 00
		Davis, R. L.	do.	30 00
		Lamkey, E. M. R.	do.	60 00
		Lantz, C. W.	do.	60 00
		Hursh, R. K.	do.	160 00
		Stull, R. T.	do.	250 00
		Danielson, R. P.	do.	75 00
		Radcliffe, B. S.	do.	120 00
		Williams, A. E.	do.	130 00
		Balke, C. W.	do.	250 00
		Derick, C. G.	do.	166 66
		Noyes, W. A.	do.	416 66
		Parr, S. W.	do.	333 33
		Smith, G. M.	do.	166 66
		Washburn, E. W.	do.	291 66
		Weber, H. C. P.	do.	166 66
		Allen, R. W.	do.	30 00
		Andres, Paul	do.	130 00
		Ball, T. R.	do.	60 00
		Beal, G. D.	do.	125 00
		Bissell, D. W.	do.	30 00
		Braley, S. A.	do.	35 00
		Broderson, H. J.	do.	130 00



## OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
O 6381 Ctd.	1915 Feb. 15	Burthart, C. W.	Salary	\$ 10 00
		Charlton, E. F.	do	50 00
		Chandler, E. M. A.	do	10 00
		Cann, Jessie	do	120 00
		Darrah, Juanita	do	50 00
		Davidson, C. N.	do	30 00
		Davisson, B. S.	do	60 00
		Dean, P. M.	do	30 00
		Engle, E. W.	do	60 00
		Ford, J. T.	do	30 00
		Gerry, H. L.	do	30 00
		Hakanson, A. F.	do	10 00
		Hatfield, W. D.	do	10 00
		Hecker, C. H.	do	120 00
		Hess, R. W.	do	60 00
		Heuse, E. O.	do	120 00
		Hjort, A. M.	do	30 00
		Honovski, R. B.	do	90 00
		Hopkins, B. S.	do	125 00
		Janson, J. M.	do	10 00
		Kamm, Oliver	do	50 00
		Karr, W. G.	do	30 00
		Kremers, H. C.	do	50 00
		Lee, H. R.	do	30 00
		Lucas, J. B.	do	30 00
		MacInnes, D. A.	do	125 00
		Manuel, W. A.	do	50 00
		Marquis, S. D.	do	35 00
		Olin, H. L.	do	120 00
		Read, J. W.	do	60 00
		Rees, E. A.	do	50 00
		Sears, G. W.	do	120 00
		Taylor, E. H.	do	35 00
		Taylor, S. C.	do	60 00
		Thorp, Lambert	do	120 00
		Tippitt, R. W.	do	35 00
		Shepard, A. D.	do	30 00
		Skinner, G. S.	do	30 00
		Wildman, E. A.	do	60 00
		Wickers, E.	do	50 00
		Hall, S. M.	do	10 00
		Westhaefer, T. O.	do	30 00
		Valentine, H. B.	do	60 00
		MacArthur, C. G.	do	150 00
		Barbre, Clarence	do	30 00
		Footitt, Frank	do	10 00
		Vollweiler, E. H.	do	30 00
		Ruby, G. B.	do	10 00
		Gilmore, R. E.	do	50 00
		Brunskill, E. R.	do	10 00
		Haag, V. W.	do	10 00
		Barton, H. J.	do	291 66
		Canter, H. V.	do	208 33
		Moss, C. M.	do	250 00
		Oldfather, W. A.	do	250 00
		Pease, A. S.	do	250 00
		Bogart, E. L.	do	291 66
		Chase, W. A.	do	240 00
		Dewsnup, E. R.	do	250 00
		Litman, Simon	do	208 33
		Robinson, M. H.	do	125 00
		Weston, N. A.	do	250 00
		Heilman, R. E.	do	216 66
		Thompson, J. G.	do	200 00
		Scoville, H. T.	do	200 00
		McJohnston, H.	do	180 00
		Petersen, E.	do	60 00
		Dressen, W. H.	do	60 00
		Knight, C. K.	do	50 00
		McKenna, E. L.	do	50 00
		Leslie, H. D.	do	30 00
		Thompson, C. M.	do	191 66
		Little, R. F.	do	50 00
		Bagley, W. C.	do	416 66
		Coffman, L. D.	do	291 66
		Johnston, C. H.	do	291 66
		Miller, W. S.	do	150 00
		Whipple, G. M.	do	229 16
		Hanger, J. W.	do	50 00

## OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
O 6381 Ctd.	1915 Feb. 15	Cobb, Margaret.....	Salary.....	\$ 50 00
		Baldwin, E. C.....	do.....	175 00
		Dodge, D. K.....	do.....	270 83
		Fulton, Edward.....	do.....	175 00
		Jones, H. S. V.....	do.....	183 33
		Paul, H. G.....	do.....	208 33
		Scott, F. W.....	do.....	200 00
		Sherman, S. P.....	do.....	308 33
		Woolbert, C. H.....	do.....	166 66
		Zeitlin, Jacob.....	do.....	141 66
		Creek, H. L.....	do.....	125 00
		Whicher, G. F.....	do.....	120 00
		Alden, E. S.....	do.....	120 00
		Whitford, R. C.....	do.....	100 00
		Hillebrand, H. M.....	do.....	130 00
		Harris, L. H.....	do.....	120 00
		Tiefe, R. E.....	do.....	120 00
		Jones, E. S.....	do.....	120 00
		Curl, M. J.....	do.....	140 00
		Stidson, R. O.....	do.....	100 00
		Harbarger, Sada.....	do.....	100 00
		Stanley, T. B.....	do.....	100 00
		Sarett, L. R.....	do.....	100 00
		Dixon, R. E.....	do.....	110 00
		Beck, Clyde.....	do.....	50 00
		Loomis, R. S.....	do.....	120 00
		Rinaker, Clarissa.....	do.....	120 00
		Boyer, C. V.....	do.....	141 66
		Schoepferle, Gertrude.....	do.....	116 66
		Sutcliffe, E. G.....	do.....	100 00
		Downs, C. S.....	do.....	120 00
		Phelps, J. M.....	do.....	100 00
		Kelso, Ruth.....	do.....	100 00
		Buchen, W. A.....	do.....	150 00
		Folsom, J. W.....	do.....	208 33
		Forbes, S. A.....	do.....	83 33
		MacGillivray, A. D.....	do.....	250 00
		Peterson, Alvah.....	do.....	60 00
		Glasgow, R. D.....	do.....	130 00
		Bayley, W. S.....	do.....	250 00
		Rolfe, C. W.....	do.....	250 00
		Savage, T. E.....	do.....	208 33
		DuBois, H. M.....	do.....	50 00
		Read, M. K.....	do.....	40 00
		Ross, C. S.....	do.....	50 00
		Rich, J. L.....	do.....	160 00
		Storror, James.....	do.....	60 00
		Brooks, N. C.....	do.....	208 33
		Flom, G. T.....	do.....	233 33
		Goebel, Julius.....	do.....	312 50
		Lessing, O. E.....	do.....	291 66
		Meyer, G. H.....	do.....	229 16
		Poor, C. M.....	do.....	150 00
		Williams, C. A.....	do.....	150 00
		Koller, A. H.....	do.....	140 00
		Barto, P. S.....	do.....	120 00
		Zucker, A. E.....	do.....	50 00
		Blaisdell, Daisy L.....	do.....	100 00
		Green, Alexander.....	do.....	135 00
		Bloomfield, Leonard.....	do.....	166 66
		Alvord, C. W.....	do.....	145 83
		Greene, E. B.....	do.....	416 66
		Larson, L. M.....	do.....	250 00
		Lybyer, A. H.....	do.....	233 33
		Robertson, W. S.....	do.....	208 33
		Jones, P. V. B.....	do.....	150 00
		Pease, T. C.....	do.....	125 00
		Cole, A. C.....	do.....	160 00
		Brush, Elizabeth.....	do.....	100 00
		Miller, J. E.....	do.....	60 00
		Bishop, Mildred.....	do.....	40 00
		Borger, R. L.....	do.....	125 00
		Crathorne, A. R.....	do.....	166 66
		Emch, Arnold.....	do.....	187 50
		Lytle, E. B.....	do.....	150 00
		Miller, G. A.....	do.....	291 66
		Rietz, H. L.....	do.....	158 33
		Shaw, J. B.....	do.....	229 16
		Sisam, C. H.....	do.....	183 33

## OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
O 6381 Ctd.	1915 Feb. 15	Townsend, E. J.	Salary	\$333 33
		Wahlin, G. E.	do	116 66
		Kempner, A. J.	do	150 00
		Denton, W. W.	do	140 00
		Chittenden, E. W.	do	140 00
		Burns, Josephine.	do	100 00
		Zeis, H. C.	do	60 00
		Wilson, W. H.	do	60 00
		Hebbert, C. M.	do	60 00
		Smith, G. W.	do	60 00
		Marshall, R. H.	do	60 00
		Grimes, N. C.	do	120 00
		Burge, W. E.	do	191 66
		Beard, J. H.	do	140 00
		Neill, Alma J.	do	60 00
		Bode, B. H.	do	291 66
		Daniels, A. H.	do	333 33
		Shepard, Queen L.	do	120 00
		Haessler, Carl	do	100 00
		Garner, J. W.	do	333 33
		Mathews, J. M.	do	150 00
		Story, R. M.	do	180 00
		Hanford, A. C.	do	50 00
		Bentley, Madison	do	270 33
		DeCamp, J. E.	do	70 00
		Rogers, Sophie	do	30 00
		Ruchmick, C. A.	do	150 00
		Rahn, Carl	do	150 00
		Carnahan, D. H.	do	225 00
		Fitz-Gerald, J. D. II	do	225 00
		Oliver, T. E.	do	250 00
		Seymour R.	do	191 66
		Carry, C. S.	do	110 00
		Epplis, Joseph	do	100 00
		Wosenberg, T. G.	do	100 00
		Kessler, James	do	90 00
		Allen, Louis	do	90 00
		Moore, O. H.	do	160 00
		Blondheim, D. S.	do	166 66
		Soto, Rafael	do	100 00
		Hayes, E. C.	do	275 00
		Hibbs, H. H.	do	120 00
		Kingsley, J. S.	do	291 66
		Smith, Frank	do	250 00
		Ward, H. B.	do	416 66
		Zeleny, Charles	do	250 00
		Shelford, V. E.	do	166 66
		VanCleave, H. J.	do	130 00
		May, H. G.	do	60 00
		Green, Bessie	do	60 00
		Linkins, R. H.	do	60 00
		Heimbürger, H. V.	do	60 00
		Chenoweth, H. E.	do	40 00
		Merrill, Harriet B.	do	40 00
		Conel, Jesse L.	do	30 00
		Magath, T. B.	do	30 00
		Higgins, G. M.	do	30 00
		Metcalf, H. E.	do	30 00
		Redwood, C. W.	do	120 00
		Kinley, David	do	583 33
		Scheffel, Yetta	do	50 00
		Kile, Jessie	do	45 00
		Hofto, J. A.	do	45 00
		Albrecht, W. A.	do	25 00
		Babbitt, Albert	do	25 00
		Bacon Gertrude A.	do	25 00
		Barber, Julia	do	25 00
		Beck, Mary L.	do	25 00
		Colvin, Esther M.	do	25 00
		Cooke, D. G.	do	25 00
		Crooker, S. J.	do	25 00
		Cutler, Floy F.	do	25 00
		Dunham, W. A.	do	25 00
		Elliott, Erma L.	do	25 00
		Farver, E. C.	do	25 00
		Fazel, C. S.	do	25 00
		Fisher, Fay L.	do	25 00
		Griffin, Clare E.	do	25 00
		Hamilton, C. C.	do	25 00

## OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
O 6381 Ctd.	1915 Feb. 15	Hefferman, Ruth M.	Salary.	\$ 25 00
		Hendel, R. W., Jr.	do.	25 00
		Jerdan, A. L.	do.	25 00
		Jewell, Minna E.	do.	25 00
		Kindred, J. E.	do.	25 00
		Meier, Alice.	do.	25 00
		Miller, Marie B.	do.	25 00
		Myers, Odessa M.	do.	25 00
		Okey, Ruth E.	do.	25 00
		Owens, E. W.	do.	25 00
		Palm, F. C.	do.	25 00
		Finckney, L. A.	do.	25 00
		Richard, F. E.	do.	25 00
		Reid, E. A.	do.	25 00
		Russell, Robbins.	do.	25 00
		Swanson, F. C.	do.	25 00
		TerKeurst, H. D.	do.	25 00
		Turley, R. E.	do.	25 00
		VanDoren, M. A.	do.	25 00
		Watkins, Gordon.	do.	25 00
		White, Leila O.	do.	25 00
		Williams, Kathryn.	do.	25 00
		Winkelmann, H. A.	do.	25 00
		Wiseman, Esther.	do.	25 00
		Young, Esther.	do.	25 00
		Tinsley, R. W.	do.	25 00
		Brady, St. Elmo.	do.	35 00
		Burd, H. A.	do.	40 00
		Clark, K. A.	do.	35 00
		Clark, Helen.	do.	35 00
		Debel, N. H.	do.	35 00
		Elliott, J. A.	do.	35 00
		Garman, Philip.	do.	35 00
		Harder, O. E.	do.	35 00
		Holley, C. E.	do.	40 00
		Howard, J. W.	do.	35 00
		Kernall, M. J.	do.	35 00
		Lamb, B. F.	do.	35 00
		Macfarlane, Wallace.	do.	40 00
		Mosher, Edna.	do.	45 00
		Pasmore, D. F.	do.	35 00
		Rutledge, George.	do.	50 00
		Sabin, Ethel.	do.	35 00
		Schoil, Clarence.	do.	35 00
		Stevens, W. E.	do.	35 00
		Streeter, F. B.	do.	40 00
		Stunkard, H. W.	do.	35 00
		Watson, Minnie E.	do.	40 00
		Wells, M. M.	do.	40 00
		Wright, Quincy.	do.	45 00
		Wyatt, F. A.	do.	40 00
		Young, L. E.	do.	50 00
		Stewart, C. L.	do.	45 00
		Weiland, H. J.	do.	50 00
		Kirshman, J. E.	do.	40 00
		Bond, Ethel.	do.	83 33
		Curtis, Florence.	do.	133 33
		Reece, E. J.	do.	133 33
		Simpson, Frances.	do.	166 66
		Swartz, G. F.	do.	183 33
		Smith, Constance Barlow.	do.	166 66
		Van den Berg, H. J.	do.	180 00
		Nasmyth, H. D.	do.	170 00
		Morphy, E. W.	do.	170 00
		Townsend, L. L.	do.	120 00
		Kirkup, Florence.	do.	100 00
		Treat, Edna L.	do.	100 00
		Simon, Anna.	do.	100 00
		Erb, J. L.	do.	250 00
		Harding, A. A.	do.	180 00
		Bartow, Edward.	do.	166 66
		Hanford, W. W.	do.	60 00
		Hinds, M. E.	do.	70 00
		Mohlman, F. W.	do.	70 00
		Tanner, F. W.	do.	70 00
		Day, W. B.	do.	208 33
		Snow, C. M.	do.	150 00
		Gathercoal, E. N.	do.	108 33
		Eicher, B. L.	do.	83 33

## OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1915			
O 6331	Feb. 15	Colson, H. D.....	Salary.....	\$ 83 33
Cld.		Fantus, Bernard.....	do.....	16 66
		Lynn, E. V.....	do.....	150 00
O 6332	Feb. 15	Pay roll.....	February, 1915.....	\$3,464 95
		Alexander, Lilla M.....	Salary.....	65 00
		Alley, W. E.....	do.....	100 00
		Amos, Winifred.....	do.....	75 00
		Atkinson, C. E.....	do.....	141 66
		Beadles, Jessie R.....	do.....	65 00
		Beyer, Melinda.....	do.....	75 00
		Blackwell, Mary.....	do.....	60 00
		Boice, L. A.....	do.....	125 00
		Bowen, Evalena.....	do.....	65 00
		Briggs, Evelyn L.....	do.....	55 00
		Broadhurst, Tabitha J.....	do.....	75 00
		Brownfield, Lelah.....	do.....	50 00
		Bryan, Sarah E.....	do.....	75 00
		Buckler, Helen I.....	do.....	60 00
		Buckles, Mildred E.....	do.....	65 00
		Burt, Ruth.....	do.....	50 00
		Cover, Hazel W.....	do.....	60 00
		Crawford, C. C.....	do.....	65 00
		Cunningham, H. E.....	do.....	166 66
		Custer, Emma L.....	do.....	75 00
		Dalton, C. E.....	do.....	50 00
		Davis, Vera M.....	do.....	50 00
		Durfee, Franc A.....	do.....	50 00
		Feldkamp, Amelia.....	do.....	55 00
		Fieg, Robert J.....	do.....	50 00
		Flattery, Amanda M.....	do.....	65 00
		Fraser, Viola C.....	do.....	70 00
		Galpin, Stella.....	do.....	70 00
		Garwood, Frances.....	do.....	50 00
		Glenn, Eleanor.....	do.....	50 00
		Goetz, Antoinnette H.....	do.....	70 00
		Goodspeed, W. S.....	do.....	90 00
		Gordon, Marie A.....	do.....	55 00
		Grabbe, Florence H.....	do.....	65 00
		Griffith, Mabel F.....	do.....	70 00
		Halliday, Mabel.....	do.....	60 00
		Hamilton, Mrs. Alice V.....	do.....	100 00
		Hawgood, Helen A.....	do.....	70 00
		Hay, Nathaniel.....	do.....	166 66
		Hayes, James B.....	do.....	95 00
		Hayes, Margaret L.....	do.....	50 00
		Hayward, Nellie.....	do.....	50 00
		Heater, Myrtle.....	do.....	60 00
		Houchens, Josie B.....	do.....	83 33
		Hull, A. H.....	do.....	65 00
		Humrichouse, Kate L.....	do.....	50 00
		Jay, Edith L.....	do.....	50 00
		Johnson, Gertrude.....	do.....	60 00
		Jones, Mabel.....	do.....	65 00
		Kern, Floy.....	do.....	40 00
		Kirwin, Nora.....	do.....	55 00
		Knapp, Aurella.....	do.....	75 00
		Knorr, Lynn E.....	do.....	150 00
		Lahr, Lawrence D.....	do.....	50 00
		Lamb, Allie.....	do.....	55 00
		Lee, Albert R.....	do.....	100 00
		Leitz, Louise A.....	do.....	40 00
		Love, Mary E.....	do.....	65 00
		Luther, Cornelia M.....	do.....	45 00
		McConn, Charles M.....	do.....	250 00
		McCurty, Agnes.....	do.....	83 33
		McIntire, W. A.....	do.....	50 00
		Manley, Verna.....	do.....	50 00
		Manspeaker, Lotta M.....	do.....	83 33
		Merchant, Donna B.....	do.....	50 00
		Meseck, Rudolph.....	do.....	65 00
		Miles, Lois M.....	do.....	70 00
		Millar, Mary.....	do.....	70 00
		Miller, C. F.....	do.....	90 00
		Morey, Lloyd.....	do.....	125 00
		Morrow, J. A.....	do.....	166 66
		Nagle, Sybil.....	do.....	50 00
		Nyberg, Florence A.....	do.....	50 00
		Packard, Bessie.....	do.....	75 00
		Peel, Thomas.....	do.....	60 00

## OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
1915				
O 6382	Feb. 15	Pergande, Robert.....	Salary.....	\$ 95 00
Cld.		Phelps, Vergil V.....	do.....	166 66
		Post, Frederick.....	do.....	75 00
		Postlewait, Harriet L.....	do.....	55 00
		Powell, Burt E.....	do.....	191 66
		Putnam, Persis.....	do.....	75 00
		Rein, Lillian.....	do.....	50 00
		Renz, Myrtle.....	do.....	75 00
		Ressler, Milton.....	do.....	80 00
		Ricketts, Clara A.....	do.....	65 00
		Riggs, Bess.....	do.....	35 00
		Robertson, Nellie.....	do.....	70 00
		Rogers, Della M.....	do.....	40 00
		Ross, Anne.....	do.....	50 00
		Scanlan, Mary.....	do.....	60 00
		Scott, Bertha M.....	do.....	50 00
		Sharp, Bertha L.....	do.....	60 00
		Shaw, Hazel Y.....	do.....	75 00
		Shepard, Anna L.....	do.....	100 00
		Sinnock, Julia.....	do.....	50 00
		Slater, Sarah M.....	do.....	60 00
		Smith, Ira M.....	do.....	125 00
		Smith, Mayme L.....	do.....	65 00
		States, Bertha G.....	do.....	50 00
		Steitz, Alfred.....	do.....	85 00
		Stevens, Sabra.....	do.....	75 00
		Thompson, M. E.....	do.....	90 00
		Tuttle, George P., Jr.....	do.....	100 00
		Vaubel, Daniel.....	do.....	60 00
		Voight, Lida E.....	do.....	100 00
		Walsh, Ethel M.....	do.....	50 00
		White, Loretta K.....	do.....	70 00
		Winchester, B. L.....	do.....	50 00
		Wyninger, H. T.....	do.....	60 00
		Buchanan, Harold C.....	do.....	70 00
		Ellis, E. R.....	do.....	50 00
		Harper, Julia.....	do.....	65 00
		Lohus, J. O.....	do.....	90 00
		Vanderbeek, H. J.....	do.....	65 00
O 6383	do.....	L. E. Knorr, Assistant Comptroller.....	Student labor.....	\$ 404 04
O 6384	Feb. 16	Alexander Lumber Co.....	Lumber.....	62 05
O 6385	do.....	Chester Transfer Co.....	Hauling.....	33 81
O 6386	do.....	Champaign Seed Co.....	Seeds.....	19 50
O 6387	do.....	Chester Horseshoeing Shop.....	Horseshoes.....	10 50
O 6388	do.....	John H. Doyle.....	Apparatus repairs.....	5 35
O 6389	do.....	Eisner Grocery Co.....	General supplies.....	57 23
O 6390	do.....	Flanigan-Pearson Co.....	Printing.....	214 15
O 6391	do.....	Flat Iron Store Co.....	General supplies.....	4 38
O 6392	do.....	S. E. Huff & Co.....	Lumber.....	3 95
O 6393	do.....	Chas. A. Hall Hardware Co.....	General supplies.....	5 09
O 6394	do.....	Illinois State Reformatory.....	Printing.....	95 25
O 6395	do.....	Metzler & Schafer Co.....	Food supplies.....	118 53
O 6396	do.....	Percival & Moorehead.....	General supplies.....	23 94
O 6397	do.....	E. H. Sargent & Co.....	Laboratory supplies.....	12 74
O 6398	do.....	Tablet & Ticket Co.....	Office supplies.....	12 02
O 6399	do.....	Taylor Hardware Co.....	General supplies.....	21 24
O 6400	do.....	Weston Electric Instrument Co.....	Voltmeter repairs.....	20 09
O 6401	do.....	Electric Appliance Co.....	Electrical supplies.....	1 54
O 6402	do.....	National Founders' Assn.....	First aid jars.....	16 50
O 6403	do.....	W. Lewis & Co.....	Clothes hampers.....	1 98
O 6404	do.....	The Diem & Wing Paper Co.....	Parchment circles.....	1 96
O 6405	do.....	Harris-Dillavou & Co.....	Lump coal.....	9 20
O 6406	do.....	Hendrick Mfg. Co.....	Steel.....	16 15
O 6407	Feb. 17	General Electric Co.....	Electrical supplies.....	2 06
O 6408	do.....	Montgomery Ward & Co.....	General supplies.....	13 89
O 6409	do.....	A. W. Abernathy.....	Prints.....	1 00
O 6410	do.....	John Reichard.....	Corn.....	1,302 90
O 6411	do.....	Sweet Wallach & Co.....	Sterling holders.....	12 50
O 6412	do.....	Crane Co.....	Steel pipes.....	1 94
O 6413	do.....	Standard Oil Co.....	Parowax.....	1 30
O 6414	do.....	C. A. Kiler.....	Upholstering.....	1 50
O 6415	do.....	C. C. Short.....	Shoes.....	6 00
O 6416	do.....	R. W. Braithwaite.....	Services.....	2 00
O 6417	do.....	H. A. Hollister.....	Traveling expense.....	21 84
O 6418	do.....	J. J. Didecot.....	do.....	24 04
O 6419	do.....	Mueller Brothers.....	Pictures.....	1 51
O 6420	do.....	Mrs. Cecil F. Baker.....	Services.....	50 00
O 6421	do.....	R. R. Root.....	Traveling expense.....	18 94
O 6422	do.....	H. W. Blaney.....	do.....	8 33

## OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1915			
O 6423	Feb. 17	A. J. Gunderson	Traveling expense	\$ 24 85
O 6424	..do...	New England Entom. Co.	Laboratory supplies	2 35
O 6425	..do...	Scientific Materials Co.	Glass dishes	7 50
O 6426	..do...	Associated Architects Printing & Supply Co.	Blank prints	17 52
O 6427	..do...	Vaughan's Seed Store	General supplies	9 50
O 6428	..do...	Footo Mineral Co.	Carnallite	2 33
O 6429	..do...	Silver Burdett & Co.	Books	6 40
O 6430	..do...	Marshall Field & Co.	Sheeting	27 23
O 6431	..do...	Sharp & Smith	Rubber	1 57
O 6432	..do...	High School Life	Advertising	5 00
O 6433	..do...	J. T. Baker Chemical Co.	Acids	28 00
O 6434	..do...	L. E. Knorr, Assistant Comptroller	Student labor	541 00
O 6435	..do...	Pay roll	February, 1915	4,645 72
		Eycleshymer, A. C.	Salary	\$416 66
		Jones, T. S.	..do.	83 33
		Moodie, R. L.	..do.	125 00
		Small, J. C.	..do.	50 00
		Welker, W. H.	..do.	229 16
		Dreyer, G. P.	..do.	374 99
		Boello, Louis	..do.	80 00
		Smith, C. S.	..do.	166 66
		Tracy, Grover	..do.	83 33
		VonTessmar, Otto	..do.	55 00
		Krudwig, Edna	..do.	40 00
		Bach, E. G.	..do.	50 00
		Burmeister, W. H.	..do.	166 66
		Boughton, T. H.	..do.	150 00
		Curl, Howard	..do.	50 00
		Davis, D. J.	..do.	416 66
		Falls, F. H.	..do.	83 33
		Fantus, Bernard	..do.	166 66
		Gardner, Stella	..do.	83 33
		Gaffney, C. O.	..do.	70 00
		Lincoln, Mary C.	..do.	50 00
		Moore, J. J.	..do.	150 00
		Weedon, Amy G.	..do.	60 00
		Shackles, A. O.	..do.	166 66
		Simonds, W. E.	..do.	50 00
		Hiskey, George N.	..do.	45 00
		Bake, L. E.	..do.	66 66
		Bernard, F. S.	..do.	25 00
		Coolidge, E. D.	..do.	83 33
		Dittmar, G. W.	..do.	83 33
		Gallie, D. M.	..do.	83 33
		Kaplan, J. H.	..do.	100 00
		McGuire, J. C.	..do.	150 00
		Moorehead, F. B.	..do.	249 99
		Noyes, F. B.	..do.	125 00
		Schultz, Louis	..do.	33 33
		Starr, S. P.	..do.	66 66
		Thomas, N. G.	..do.	50 00
		Williams, I. W.	..do.	66 66
O 6436	..do...	Pay roll	February, 1915	1,468 33
		Allen, Mrs. Josephine	Salary	55 00
		Arneson, Mable L.	..do.	75 00
		Broday, Esther	..do.	50 00
		Browne, W. H.	..do.	250 00
		Cole, H. W.	..do.	100 00
		David, Eshoo	..do.	55 00
		David, Paul	..do.	60 00
		Fletcher, Edward C.	..do.	100 00
		Froberg, E.	..do.	75 00
		Gubbins, Maud	..do.	60 00
		Heerman, Louis B.	..do.	60 00
		Hoy, Anna	..do.	60 00
		Loomis, Metta H.	..do.	83 33
		McQuigg, Mrs. Kate F. M.	..do.	50 00
		Seaberg, Elin M.	..do.	60 00
		Tomek, Gertrude	..do.	60 00
		Tomlinson, J. S.	..do.	125 00
		Watson, Ethel	..do.	50 00
		Moorehead, Mary M.	..do.	40 00
O 6437	..do...	Sena Williford	Stenographer	60 00
O 6438	..do...	Frison Carriage Shop	Repair work	5 00
O 6439	..do...	Westinghouse Electric & Mfg. Co.	Condensers	38 70
O 6440	..do...	J. Spaulding & Sons Co.	Fiber tubes	6 65
O 6441	..do...	Central Electric Co.	Electrical supplies	33 29
O 6442	..do...	Illinois Steel Co.	Bands	3 61

## OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1915			
O 6443	Feb. 17	National Biscuit Co. ....	Food supplies .....	\$ 3 09
O 6444	do.	Fred J. Blackburn .....	Traveling expense .....	29 22
O 6445	do.	J. B. Andrews .....	do .....	22 95
O 6446	do.	F. J. Marshall .....	do .....	18 50
O 6447	do.	Frank A. Pearson .....	do .....	47 00
O 6448	do.	Mallinckrodt Chemical Works .....	Laboratory supplies .....	27 72
O 6449	do.	International Harvester Co. ....	Machine repairs .....	4 25
O 6450	do.	Devoe & Reynolds Co. ....	Laboratory apparatus .....	1 74
O 6451	do.	Empire Laundry .....	Laundry .....	3 18
O 6452	do.	The Emil Greiner Co. ....	Laboratory supplies .....	8 10
O 6453	do.	Woldenberg & Schaar .....	General supplies .....	137 31
O 6454	do.	Electric Appliance Co. ....	do .....	28 26
O 6455	Feb. 18	Electric Coal Co. ....	Coal .....	2,296 20
O 6456	do.	Jas. W. Heddens .....	Chemicals .....	500 00
O 6457	do.	L. H. Provine .....	Traveling expense .....	8 39
O 6458	do.	John McIntosh Co. ....	Nasal sprays .....	3 56
O 6459	do.	Milwaukee Bag Co. ....	Grain bags .....	16 00
O 6460	do.	Puget Sound Marine Station .....	Amoeba culture .....	1 66
O 6461	do.	General Electric Co. ....	Field coils .....	7 20
O 6462	do.	Fuller-Morrison Co. ....	Laboratory supplies .....	1 50
O 6463	do.	Flanigan-Pearson Co. ....	Printing .....	56 50
O 6464	do.	Jennie C. Barlow .....	Services .....	20 00
O 6465	do.	Harris-Dillavou & Co. ....	D. & H. Smithing .....	5 74
O 6466	do.	Zenner Disinfectant Co. ....	Zenoleum .....	50 96
O 6467	do.	L. E. Knorr, Assistant Comptroller .....	Student labor .....	216 94
O 6468	do.	L. E. Knorr, Assistant Comptroller .....	General labor .....	592 17
O 6469	Feb. 19	Alexander Lumber Co. ....	Lumber .....	10 64
O 6470	do.	Barron Bros. Coal Co. ....	Animal feed .....	5 76
O 6471	do.	Champaign Seed Co. ....	Charcoal .....	30 47
O 6472	do.	Fuller-Morrison Co. ....	Cork and bottles .....	126 90
O 6473	do.	Flanigan-Pearson Co. ....	Printing .....	37 98
O 6474	do.	Chas. A. Hall Hardware Co. ....	Building material .....	21 05
O 6475	do.	G. R. Grubb & Co. ....	Publications .....	62 85
O 6476	do.	Illinois Malleable Iron Co. ....	Pipes .....	26 20
O 6477	do.	D. H. Loyde .....	Prints .....	27 55
O 6478	do.	A. C. McClurg & Co. ....	Office supplies .....	19 42
O 6479	do.	V. Mueller & Co. ....	Building supplies .....	58 25
O 6480	do.	Maas Bros. ....	Sheet iron .....	17 70
O 6481	do.	Metzler & Schafer Co. ....	Laboratory supplies .....	4 68
O 6482	do.	Arthur Ochs .....	Rabbits and guinea pigs .....	31 50
O 6483	do.	Reliable Plumbing & Heating Co. ....	Building material .....	12 87
O 6484	do.	E. H. Sargent & Co. ....	Laboratory supplies .....	30 46
O 6485	do.	H. Swannell & Son .....	Adhesive paper .....	2 65
O 6486	do.	Taylor Hardware Co. ....	Building material .....	34 14
O 6487	do.	Twin City Roofing Co. ....	Building material .....	31 43
O 6488	do.	The University Hospital .....	Board and room .....	282 25
O 6489	do.	W. W. Walls & Co. ....	Lumber .....	2 22
O 6490	do.	W. D. Allen Mfg. Co. ....	Drills .....	2 96
O 6491	do.	E. A. Armstrong Mfg. Co. ....	Apparatus repairs .....	25 18
O 6492	do.	Amusement Supply Co. ....	Cored carbons .....	11 50
O 6493	do.	Bausch & Lomb Optical Co. ....	Carbons .....	3 03
O 6494	do.	Champaign Steam Laundry .....	Laundry .....	4 50
O 6495	do.	Chicago Towel Co. ....	do .....	27 16
O 6496	do.	Calumet Laundry Co. ....	do .....	64 08
O 6497	do.	Eimer & Amend .....	Side units .....	11 02
O 6498	do.	G. Gennert .....	Plates .....	50 40
O 6499	do.	Garden City Sand Co. ....	Cement .....	1 50
O 6500	do.	The Gym Store .....	Hockey balls .....	4 78
O 6501	do.	C. A. Hughes .....	Traveling expense .....	28 54
O 6502	do.	Lusky White & Coolidge, Inc. ....	Card holders .....	1 01
O 6503	do.	The Illinois Agriculturist .....	Subscriptions .....	63 00
O 6504	do.	Harry Herriek .....	Paints .....	3 50
O 6505	do.	Ft. Wayne Electric Works .....	Brushes .....	3 18
O 6506	do.	C. L. Frame Dental Supply Co. ....	Cement .....	13 50
O 6507	do.	Harms & Scheuber .....	Carrots .....	5 00
O 6508	do.	Library Bureau .....	Label holders .....	2 40
O 6509	do.	Liquid Carbonic Co. ....	Gas .....	3 75
O 6510	do.	Oldham Brothers .....	Buggy paint .....	2 40
O 6511	do.	J. Adams Puffer .....	Traveling expense .....	85 22
O 6512	do.	Twin City Bindery .....	Ring binders .....	12 00
O 6513	do.	B. A. Strauch .....	Lantern slides .....	11 55
O 6514	do.	Schermerhorn Brothers .....	Mops .....	35 28
O 6515	do.	Swift & Co. ....	Phosphate .....	39 50
O 6516	do.	The Standard Calorimeter Co. ....	Grad burette .....	11 25
O 6517	do.	A. G. Spalding & Bros. ....	Floor plates .....	1 15
O 6518	do.	Slade Hipp & Meloy .....	Cloth board .....	2 50
O 6519	do.	Smith Paper Towel Co. ....	Paper towels .....	10 00



## OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1915			
O 6520	Feb. 19	Watry & Heidkamp	Screens	\$ 2 75
O 6521	..do..	Weil Brothers	Lead pipes	2 93
O 6522	..do..	Reeves Pulley Co.	Paper pulley	2 55
O 6523	..do..	Williams Brothers	Varnish	11 13
O 6524	..do..	Photographie Malereats Co.	Mounting tissue	18 00
O 6525	..do..	U. S. Blue Print Paper Co.	Paper	10 00
O 6526	..do..	Yale Slot & Slug Co.	Yale slugs	7 50
O 6527	..do..	Wanner Machinery Co.	Office supplies	5 00
O 6528	..do..	Vaughans Seed Store	Nico-fumes	4 00
O 6529	..do..	The University Press	Printing	4 65
O 6530	..do..	White Line Steam Laundry	Laundry	105 89
O 6531	..do..	Pay roll	December, 1914	100 00
O 6532	..do..	Pay roll	February, 1915	395 83
		Wilcox, R. H.	Salary	\$ 83 33
		Stone, C. H.	..do	18 75
		Benson, Susan	..do	18 75
		Beard, J. H.	..do	25 00
		Fiero, E. E.	..do	50 00
		Evans, Walter	..do	200 00
O 6533	Feb. 20	Pay roll	February, 1915	700 00
		Becker, Johann	Salary	55 00
		Blackwell, J. T.	..do	60 00
		Braum, William	..do	40 00
		David, Simon	..do	50 00
		Drennan, Peter	..do	80 00
		George, Elia	..do	50 00
		Karachun, William	..do	50 00
		Kastanos, John	..do	50 00
		Klena, Joseph	..do	60 00
		Matthes, Herbert A.	..do	40 00
		Rehfeldt, Robert F.	..do	40 00
		Schultz, Harry	..do	35 00
		Solomon, Jacob	..do	50 00
		VonTasmar, Emil	..do	40 00
O 6534	Feb. 22	The Caldwell Co.	Lamps	32 97
O 6535	..do..	H. A. Hollister	Traveling expense	24 00
O 6536	..do..	F. J. Burns & Co.	Live frogs	7 50
O 6537	..do..	Geo. E. Jenks	Bulletins	29 00
O 6538	..do..	J. D. Hurn & Son	Lime	2 50
O 6539	..do..	Ever Ready Roll Label Co.	Labels	2 95
O 6540	..do..	National Carton Co.	Butter cartons	9 95
O 6541	..do..	The DeLaval Separator Co.	Crank arm	1 40
O 6542	..do..	Louis F. Nafis	Butter bottles	12 25
O 6543	..do..	Stock Yards Cotton & Linseed Meal Co.	Cotton seed meal	376 05
O 6544	..do..	G. S. Kaufman	Hay	45 55
O 6545	..do..	R. R. Donnelley & Sons Co.	Half-tones	8 70
O 6546	..do..	Neostyle Co.	Stencil	4 09
O 6547	..do..	Anna Woods Ballard	Pictures	2 75
O 6548	..do..	R. C. Wagner & Son	Teaming	276 25
O 6549	..do..	Home Telephone Co.	Rent	100 00
O 6550	..do..	Sharon Coal & Brick Co.	Coal	341 25
O 6551	..do..	Reliable Plumbing & Heating Co.	Building material	38 92
O 6552	..do..	Otis Elevator Co.	Tiller cable	7 02
O 6553	..do..	Western Roofing & Supply Co.	Magnesia cover	4 53
O 6554	..do..	Jacob White	Labor	5 75
O 6555	..do..	Buffalo Meter Co.	Meter book	1 07
O 6556	..do..	American LaFrance Fire Engine Co.	Extinguisher	4 50
O 6557	..do..	The Warren Brush Co.	Brushes	24 70
O 6558	..do..	Chicago Belting Co.	Belting	1 80
O 6559	..do..	Marshall Field & Co.	Gauze	8 46
O 6560	..do..	Central Supply Co.	Pipe straps	18 48
O 6561	..do..	H. W. Johns-Manville Co.	Furnace cement	3 53
O 6562	..do..	Wm. Hix	Teaming	30 00
O 6563	..do..	J. J. Didcoot	Traveling expense	20 14
O 6564	..do..	Mrs. J. H. Pettit	Salary	250 00
O 6565	..do..	A. E. Williams	Traveling expense	8 45
O 6566	..do..	R. T. Stull	..do	15 51
O 6567	..do..	John Richards	Corn	386 51
O 6568	..do..	The Guide Publishing Co.	Subscription	2 00
O 6569	..do..	Coldwell Lawn Mower Co.	Knives	14 25
O 6570	..do..	H. McGlade	Wire baskets	4 80
O 6571	..do..	The Geo. J. Roberts Co.	Electric pump	3 02
O 6572	..do..	Fahnestock Electric Co.	Electrical supplies	1 26
O 6573	..do..	Hoffman & Kropff Chemical Co.	Diethylaniline	3 00
O 6574	..do..	General Chemical Co.	Carboys and hats	15 93
O 6575	..do..	Pantagraph Printing & Stationery Co.	Printing	52 80
O 6576	..do..	Shultz Seed Co.	Cow peas	53 44
O 6577	..do..	Funk Brothers Seed Co.	Alfalfa	108 00
O 6578	..do..	Buchan Sales Co.	Binders	10 80

## OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
1915				
O 6579	Feb. 22	F. I. Mann	Oats	\$ 32 50
O 6580	Feb. 23	W. W. Miller	Bookkeeper	75 00
O 6581	do.	Roy Ross	do.	80 00
O 6582	do.	Elizabeth Muhleman	Stenographer	50 00
O 6583	do.	Sadie Jones	do.	50 00
O 6584	do.	B. H. Dunlap	Experiment work	70 00
O 6585	do.	L. A. Hunter	do.	80 00
O 6586	do.	John Palfrey	Herdsmen	75 00
O 6587	do.	Alice Hedenberg	Clerk	50 00
O 6588	do.	Hazel Clemence	Secretary	65 00
O 6589	do.	Sena Williford	Stenographer	60 00
O 6590	do.	Ora B. Castle	do.	50 00
O 6591	do.	Mrs. Louise Redman	Domestic	60 00
O 6592	do.	Mrs. Lizzie Shue	do.	40 00
O 6593	do.	Mrs. Emma Conrad	do.	20 00
O 6594	do.	Mrs. A. D. Horn	do.	18 98
O 6595	do.	Alice Reed	Assistant artist	60 00
O 6596	do.	J. R. Kelley	Laboratory helper	65 00
O 6597	do.	Lawrence Nesbit	Helper	55 00
O 6598	do.	Bernice Wilson	Assistant	45 00
O 6599	do.	Irma Latzer	Laboratory assistant	35 00
O 6600	do.	Florence H. Churton	Student assistant	40 00
O 6601	do.	Ralph Engle	Experiment feeder	30 00
O 6602	do.	J. C. Anderson	Experiment work	70 00
O 6603	do.	H. E. Crouch	Manager dairy farm	115 00
O 6604	do.	H. A. Cate	Labor	70 00
O 6605	do.	W. L. Bennett	Experiment work	75 00
O 6606	do.	Robert W. Stark	do.	100 00
O 6607	do.	F. C. Richey	Soil maps	60 00
O 6608	do.	T. R. Shiveley	do.	60 00
O 6609	do.	E. K. Augustus	Science assistant	70 00
O 6610	do.	Fred J. Blackburn	do.	50 00
O 6611	do.	C. A. Hughes	do.	50 00
O 6612	do.	Earl Garver	Official tester	65 00
O 6613	do.	Chas. B. Price	do.	60 00
O 6614	do.	C. G. Cox	do.	60 00
O 6615	do.	H. C. Lawson	do.	60 00
O 6616	do.	C. L. Reisner	do.	60 00
O 6617	do.	R. S. Dunham	do.	60 00
O 6618	do.	G. S. Beaumont	do.	60 00
O 6619	do.	R. R. Manley	do.	55 00
O 6620	do.	R. H. Hadley	do.	55 00
O 6621	do.	G. N. Coffey	Traveling expense	52 57
O 6622	do.	Bertram Abney	do.	12 35
O 6623	do.	Frank Turner	do.	30 14
O 6624	do.	W. C. Coffey	do.	7 95
O 6625	do.	H. F. Rhodes	do.	11 47
O 6626	do.	C. C. Logan	do.	31 48
O 6627	do.	F. W. Wascher	do.	6 26
O 6628	do.	Amelia Feldkamp	do.	23 13
O 6629	do.	Alice Hedenberg	do.	22 33
O 6630	do.	Maude Campbell	do.	23 19
O 6631	do.	James M. White	do.	26 93
O 6632	do.	Frank A. Pearson	do.	19 68
O 6633	do.	Urbana & Champaign Ry. Gas & Electric Co.	Coal tar	5 00
O 6634	do.	Jane Addams	Lecture	25 00
O 6635	do.	Creamery Package Mfg. Co.	Victor churn	19 45
O 6636	do.	Louis F. Nafis	Testers	18 00
O 6637	do.	National Carton Co.	Butter cartons	167 01
O 6638	do.	George Banta Publishing Co.	Reprints	43 58
O 6639	do.	The New York Times Index	Copy	2 00
O 6640	do.	Albert E. Wuesteman	Alarm clock	2 50
O 6641	do.	Watson Faulkner	Carbonic acid	5 50
O 6642	do.	Central Electric Co.	Switches	6 90
O 6643	do.	Twin City Roofing Co.	Galvanize iron	48 10
O 6644	do.	F. K. Robeson	Toweling	160 25
O 6645	do.	Illinois State Reformatory	Printing	99 45
O 6646	do.	Metzler & Schafer Co.	Laboratory supplies	2 65
O 6646	do.	E. H. Sargent & Co.	Chemicals	69 75
O 6647	do.	Fuller-Morrison Co.	Alcohol	39 47
O 6648	do.	The American Multigraph Sales Co.	Elite type	2 75
O 6649	do.	Derrough & Co.	Toggle bolts	2 70
O 6650	do.	Walker & Mulliken	Carpet	5 00
O 6651	do.	Pay roll	February, 1915	2,135 60
		Black, Marvin H.	Salary	\$ 45 00
		Bote, Geo. S.	do.	80 00
		Brooks, D. T.	do.	50 00
		Brown, Earl R.	do.	45 00

## OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
1915				
O 6651	Feb. 23	Campbell, Chas. A.	Salary	\$ 65 00
Cld.		Carr, Thos. D. T.	do.	50 00
		Chapman, Claude C.	do.	100 00
		Dille, Lavina F.	do.	60 00
		Dillion, Jasper	do.	55 00
		Engle, Lawrence	do.	25 00
		Flocken, John B.	do.	65 00
		Gossett, J. Oliver	do.	60 00
		Gregory, Owen E.	do.	50 00
		Hamlin, Clyde	do.	55 00
		Hamlin, Hiram	do.	55 00
		Jones, Wm. C.	do.	75 00
		Mapes, Morallo H.	do.	50 00
		Marsh, W. T.	do.	50 00
		Rosenthal, Isabella H.	do.	50 00
		Tornquist, Andrew	do.	75 00
		Utterback, Hugh	do.	45 00
		Williamson, Hiram	do.	50 00
		Argo, Roy	do.	55 00
		Barto, Mrs. D. O.	do.	20 00
		Burdick, I. F.	do.	85 00
		Engle, W. J.	do.	75 00
		Hampton, W. J.	do.	75 00
		Hough, William	do.	83 33
		Jenkins, E. H.	do.	60 00
		Jensen, Geo. C.	do.	55 00
		McMillen, Mary B.	do.	27 27
		McQueen, Harry D.	do.	55 00
		Meenach, Earl	do.	70 00
		Morgan, J. B.	do.	15 00
		Patterson, Will	do.	50 00
		Rose, M. D.	do.	55 00
		Stivers, Moses	do.	50 00
		Swearingen, Daisy O.	do.	50 00
O 6652	do.	John McCullough	Cattle	\$1,864 06
O 6653	Feb. 24	The Weis Mfg. Co.	Office supplies	76 15
O 6654	do.	Tom McNamara	Field work	198 14
O 6655	do.	Jno. B. Bennett	Labor	172 80
O 6656	do.	Mollet & Moller	Rubber gloves	1 00
O 6657	do.	The Shanandoah Nurseries	Paradise stock	2 50
O 6658	do.	Champaign Sanitary Milk Co.	Milk	42 18
O 6659	do.	The M. C. Lilley & Co.	Flags	6 15
O 6660	do.	C. H. Basley & Co.	Brass tubing	1 08
O 6661	do.	The Billings Farm	Corn	2 00
O 6662	do.	The American Society of Agricultural Engineers	Advertising	6 00
O 6663	do.	J. C. Gabel & Co.	Aluminum	3 94
O 6664	do.	Urbana & Champaign Ry. Gas & Electric Co.	Coal tar	5 00
O 6665	do.	Society of American Bacteriologists	Charts	2 50
O 6666	do.	Remington Typewriter Co.	Carbon paper	15 00
O 6667	do.	Universal Sales Co.	Gum clips	5 25
O 6668	do.	Edward C. Schmidt	Traveling expense	47 19
O 6669	do.	R. E. Hieronymus	do.	40 25
O 6670	do.	J. D. White	Postage	615 00
O 6671	do.	Doubleday, Page & Co.	Make-up sheets	1 11
O 6672	do.	L. E. Knorr, Assistant Comptroller	Student labor	463 43
O 6673	do.	L. E. Knorr, Assistant Comptroller	General labor	184 08
O 6674	Feb. 25	Geo. W. Medley	Field work	7 28
O 6675	do.	John McNamara	do.	45 40
O 6676	do.	Beardsley Hotel Co.	Traveling expense	4 50
O 6677	do.	H. A. Winter	Services	70 00
O 6678	do.	J. Kennedy Kincaid	do.	160 00
O 6679	do.	W. G. Griffith	Field work	70 40
O 6680	do.	W. E. Holben	Lectures	40 00
O 6681	do.	S. S. Griffith	do.	30 00
O 6682	do.	J. H. Martin	do.	25 00
O 6683	do.	Walter H. Rowe	do.	60 00
O 6684	do.	O. M. Allyn	Traveling expense	12 79
O 6685	do.	H. H. Stoek	do.	88 73
O 6686	do.	J. Raymond Van Kleek	do.	21 10
O 6687	do.	Pay roll	February, 1915	330 00
		McKendrick, Robert	Salary	\$55 00
		Miller, Homer Otis	do.	45 00
		Proctise, Fred R.	do.	50 00
		Mink, George	do.	50 00
		Pine, Fred	do.	80 00
		Sanders, Frank	do.	50 00
O 6688	Feb. 26	Taylor Hardware Co.	Building material	58 84

## OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
<b>1915</b>				
O 6689	Feb. 26	Chas. A. Hall Hardware Co.	General supplies.	\$ 3 20
O 6690	do.	S. E. Huff & Co.	Lumber.	23 00
O 6691	do.	E. H. Sargent & Co.	Building supplies.	287 33
O 6692	do.	P. S. Campbell.	Printing.	42 75
O 6693	do.	John H. Doyle.	General supplies.	19 90
O 6694	do.	Planigan-Pearson Co.	Printing.	314 28
O 6695	do.	F. M. Leslie.	Blue printing.	21 00
O 6696	do.	Illinois State Reformatory.	Printing.	16 70
O 6697	do.	The Burr Co.	Building material.	13 30
O 6698	do.	Percival & Moorehead.	Yale lock.	1 15
O 6699	do.	R. C. Wagner & Son.	Teaming.	4 80
O 6700	do.	R. W. Braithwaite.	Iodine.	1 25
O 6701	do.	J. W. Eichinger.	Prints.	5 20
O 6702	do.	L. C. Smith & Bros.	Typewriter.	7 50
O 6703	do.	Sheldon Brick & Building Supply Co.	Brick.	3 40
O 6704	do.	American LaFrance Fire Engine Extinguisher Co.	Oilskin suits.	6 00
O 6705	do.	F. K. Robeson.	Rubber boots.	11 55
O 6706	do.	The Elliott Co.	Stencils.	1 30
O 6707	do.	Scientific Materials Co.	Stopcocks.	7 50
O 6708	do.	George B. Graff Co.	Vise signals.	15 47
O 6709	do.	The New Era Printing Co.	Printing.	12 32
O 6710	do.	Baker & Co.	Plat tubes.	11 24
O 6711	do.	A. C. McClurg & Co.	Stamp pads.	1 16
O 6712	do.	Twin City Ice & Cold Storage Co.	Ice.	2 00
O 6713	do.	G. C. Willis.	Sink strainers.	15 60
O 6714	do.	McIntosh Stereopticon Co.	Slide carrier.	6 68
O 6715	do.	Irwin Bros.	Food supplies.	17 73
O 6716	do.	The Monthly Official Ry. List.	List.	5 00
O 6717	do.	Kansas City Impregnator Co.	Semen extractor.	6 00
O 6718	do.	G. W. Sheldon & Co.	Freight.	15 52
O 6719	do.	Lusky White & Coolidge.	Padlocks.	3 12
O 6720	do.	Geo. B. Carpenter & Co.	Timer.	2 70
O 6721	do.	The University Press.	Printing.	11 00
O 6722	do.	Pay roll.	February, 1915.	810 00
		Chaplin, Ralph.	Salary.	\$60 00
		Pritchard, H.	do.	70 00
		Pritchard, R.	do.	65 00
		Rhoads, Hazel.	do.	60 00
		Stoneburner, A. J.	do.	50 00
		Bretlinger, Emmett.	do.	50 00
		Brown, Walter Edward.	do.	50 00
		Lowe, Lucy.	do.	45 00
		Pollard, Charles.	do.	50 00
		Sharp, Ethel.	do.	50 00
		Utterback, L.	do.	50 00
		Harry, Wilson L.	do.	100 00
		Whitmire, James S.	do.	60 00
		Zachmire, Claude E.	do.	50 00
O 6723	do.	Florence Stoutzenberg.	Stenographer.	25 00
O 6724	do.	H. L. Huenink.	Assistant chemist.	70 00
O 6725	do.	H. E. Lidster.	Helper.	45 00
O 6726	do.	Jeanette Craigmle.	Stenographer.	50 00
O 6727	do.	Pay roll.	February, 1915.	50 00
O 6728	Feb. 27	H. D. Oberdorfer.	Traveling expense.	14 10
O 6729	do.	Knowlton & Bennett.	Formalin.	3 00
O 6730	do.	Metzler & Schafer.	Soap.	5 25
O 6731	do.	Chicago Live Stock World.	Journal.	9 75
O 6732	do.	Natural Phosphate Co.	Phosphate rock.	173 41
O 6733	do.	Weston Electrical Instrument Co.	Volt-meter.	17 60
O 6734	do.	P. S. Campbell.	Printing.	5 00
O 6735	do.	Library Bureau.	Pamphlet cases.	7 93
O 6736	do.	The Paper Mills' Co.	Office supplies.	9 72
O 6737	do.	E. H. Sargent & Co.	Laboratory supplies.	21 70
O 6738	do.	G. Cramer Dry Plate Co.	Safe lights.	4 05
O 6739	do.	Geo. Murphy.	Olmsteads.	3 15
O 6740	do.	The Lumiere Jougla Co.	Autochrom plates.	3 60
O 6741	do.	Narragansett Machine Co.	Floor plates.	2 24
O 6742	do.	The Austin Western Road Machinery Co.	Brass pipes.	3 63
O 6743	do.	B. S. Radcliffe.	Traveling expense.	34 35
O 6744	do.	R. T. Stull.	do.	44 40
O 6745	do.	Bradner Smith & Co.	Office supplies.	38 75
O 6746	do.	Barron Bros. Coal Co.	Hay.	3 51
O 6747	do.	Arthur Ochs.	Rabbits.	13 50
O 6748	do.	Freeman Sweet Co.	Switch box.	16 00
O 6749	do.	Thos. J. Dee & Co.	Wire.	12 59
O 6750	do.	Rexerson Co.	Floor oil.	5 00
O 6751	do.	Joseph Walsh.	Cinders.	12 00
O 6752	do.	Thos. Cusack Co.	Board signs.	37 50

## OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1915			
O 6753	Feb. 27	W. D. Allen Mfg. Co.	Pipes.	\$ 2 55
O 6754	..do..	Hygienic Fibre Co.	Gauze.	65 00
O 6755	..do..	Kasen's Express & Van Co.	Freight.	7 75
O 6756	..do..	Ethel Watson	Needle work.	2 00
O 6757	..do..	George Dock	Services.	75 00
O 6758	..do..	E. F. Lyon.	..do.	75 00
O 6759	..do..	F. K. Robeson.	Cheesecloth.	7 25
O 6760	..do..	Taylor Hardware Co.	Building material.	5 27
O 6761	..do..	Ahrens & Schreiner	Food stuffs.	1 37
O 6762	..do..	V. Mueller & Co.	Building apparatus.	35 75
O 6763	..do..	Commonwealth Edison Co.	Meter reading.	292 97
O 6764	..do..	S. S. White Dental Mfg. Co.	Westons cement.	22 54
O 6765	..do..	Illinois Malleable Iron Co.	Valves.	15 96
O 6766	..do..	Fuller-Morrisson & Co.	Laboratory supplies.	84 88
O 6767	..do..	Physicians Supply & Drug Co.	Tongue depressors.	12 90
O 6768	..do..	Western Lumber Co.	Lumber.	14 25
O 6769	..do..	A. C. McClurg & Co.	Office supplies.	4 10
O 6770	..do..	Maas Bros.	General supplies.	37 85
O 6771	..do..	Harms & Scheiber.	Carrots.	10 00
O 6772	..do..	Miller-Bryant-Pierce Co.	Printograph ribbons.	17 15
O 6773	..do..	Printograph Mfg. Co.	Office supplies.	3 05
O 6774	..do..	Peoples Gas Light & Coke Co.	Gas.	54 66
O 6775	..do..	Scientific Materials Co.	Laboratory supplies.	43 20
O 6776	..do..	The University Press.	Printing.	6 60
O 6777	..do..	A. S. Nelson & Sons.	Laboratory supplies.	1 45
O 6778	..do..	J. T. Baker Chemical Co.	Chloride.	9 60
O 6779	..do..	Neostyle Co.	Stencils.	22 00
O 6780	..do..	High School Life.	Advertising.	5 00
O 6781	..do..	Taylor Hardware Co.	Nails.	64 80
O 6782	..do..	Urbana & Champaign Ry. Gas & Electric Co.	Lighting.	6 30
O 6783	..do..	F. K. Robeson.	Cheesecloth.	13 56
O 6784	..do..	R. C. Wagner & Son.	Teaming.	157 75
O 6785	..do..	The Caldwell Co.	Electrical supplies.	67 71
O 6786	..do..	James B. Clow & Sons.	Building material.	10 81
O 6787	..do..	Central Electric Co.	Electrical supplies.	31 38
O 6788	..do..	Central Supply Co.	Building material.	6 20
O 6789	..do..	G. C. Willis.	Cheesecloth.	8 82
O 6790	..do..	The Burr Co.	Building material.	50 65
O 6791	..do..	Chas. H. Elliott Co.	Printing.	22 50
O 6792	..do..	Becker-Moore Paint Co.	Paints.	4 22
O 6793	..do..	Western Roofing & Supply Co.	Roofing.	6 16
O 6794	..do..	General Electric Co.	Building material.	9 83
O 6795	..do..	Manhattan Electric Supply Co.	Electric supplies.	285 10
O 6796	..do..	The Home Telephone Co.	Directory.	30 00
O 6797	..do..	Pittsburgh Plate Glass Co.	Plates.	13 40
O 6798	..do..	Oldham Bros.	Glass.	4 00
O 6799	..do..	Hoosier Manufacturing Co.	Soap.	24 75
O 6800	..do..	Illinois State Reformatory.	Printing.	23 60
O 6801	..do..	Samuel Lewis.	General supplies.	27 05
O 6802	..do..	Geo. B. Carpenter Co.	Valves.	15 95
O 6803	Mar. 1	Pay roll.	February, 1915.	180 00
		Baumgartner, Rachel.	Salary.	\$ 30 00
		Conel, Jesse.	..do.	30 00
		Marshall, Ruth.	..do.	120 00
O 6804	..do..	B. R. Ordonez.	Machinist.	90 00
O 6805	..do..	C. A. Brumley.	Labor on tests.	52 80
O 6806	..do..	D. C. Sprinkle.	Watchman.	50 00
O 6807	..do..	K. Hathaway.	Clerk.	50 00
O 6808	Mar. 2	Remington Typewriter Co.	Carbon paper.	15 00
O 6809	..do..	M. A. Donohue & Co.	Class records.	22 50
O 6810	..do..	Hollis & Duncan.	Office supplies.	7 80
O 6811	..do..	A. C. McClurg & Co.	Note books.	4 06
O 6812	..do..	H. A. Hollister.	Traveling expense.	39 15
O 6813	..do..	Edward C. Schmidt.	Incidentals.	4 20
O 6814	..do..	C. R. Richards.	Traveling expense.	13 04
O 6815	..do..	McKey & Poague.	Rent.	500 00
O 6816	..do..	Pay roll.	February, 1915.	204 52
		Henderson, T. O.	Salary.	\$101 46
		Murphy, Ruthe.	..do.	55 68
		Perry, F. M.	..do.	47 38
O 6817	..do..	Pay roll.	February, 1915.	48 00
		Crothers, Cevilla.	Salary.	\$48 00
O 6818	..do..	H. S. Bradley.	Drafting.	28 50
O 6819	..do..	A. E. McCoy.	Laboratory assistant.	15 20
O 6820	..do..	O. M. McGhee.	..do.	28 75
O 6821	..do..	T. C. Taylor.	..do.	16 89
O 6822	..do..	Douglas Wright, Jr.	Map work.	23 50
O 6823	..do..	E. F. Murphy.	Stenographer.	30 45

## OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
1915				
O 6824	Mar. 2	A. P. Holt.....	Scientific work.....	\$ 45 25
O 6825	do.	J. M. Lindgren.....	Chemist.....	356 25
O 6826	do.	Elizabeth Judd.....	Clerk.....	24 20
O 6827	do.	Mabel Warinner.....	do.....	10 00
O 6828	do.	Loyd Bunting.....	do.....	24 00
O 6829	do.	H. D. Hohn.....	Stenographer.....	19 12
O 6830	do.	Muriel Holbrook.....	Clerk.....	42 75
O 6831	do.	Mabel Fielding.....	do.....	51 94
O 6832	do.	Ila Monohon.....	do.....	18 20
O 6833	do.	Dorothy Doty.....	do.....	14 40
O 6834	do.	H. L. Buchen.....	Stenographer.....	16 31
O 6835	do.	Frances Perkins.....	Clerk.....	16 97
O 6836	do.	Jesse Romig.....	Stenographer.....	21 75
O 6837	do.	Nelle Barnes.....	Clerk.....	20 82
O 6838	do.	Josephine Bernhardt.....	do.....	25 81
O 6839	do.	Nora Johanning.....	do.....	24 49
O 6840	do.	R. Schecter.....	Stenographer.....	15 50
O 6841	do.	Marion Manley.....	Clerk.....	11 60
O 6842	do.	G. L. Woodward.....	Stenographer.....	15 20
O 6843	do.	LaRhue Kile.....	do.....	55 47
O 6844	do.	M. Dallenbach.....	Clerk.....	11 93
O 6845	do.	Bernard Harrington.....	Stenographer.....	60 00
O 6846	do.	C. E. Mattoon.....	Clerk.....	48 00
O 6847	Mar. 3	E. S. Axline.....	Wages.....	31 95
O 6848	do.	W. F. Campbell.....	do.....	11 25
O 6849	do.	H. C. Eckstein.....	do.....	75 00
O 6850	do.	P. D. Jenks.....	do.....	26 20
O 6851	do.	R. A. Nelson.....	do.....	75 00
O 6852	do.	A. Semple.....	do.....	31 84
O 6853	do.	H. A. Shonle.....	do.....	26 38
O 6854	do.	M. E. Slater.....	do.....	49 50
O 6854	do.	A. J. Gunderson.....	Traveling expense.....	22 85
O 6855	do.	R. K. Hursh.....	do.....	33 35
O 6856	do.	Frank A. Pearson.....	do.....	12 48
O 6857	do.	Frank Turner.....	do.....	15 04
O 6858	do.	H. A. Cate.....	do.....	24 36
O 6859	do.	V. E. Spencer.....	do.....	13 12
O 6860	do.	Mrs J. P. Stout.....	Lectures.....	50 00
O 6861	do.	Georgia Fleming.....	Traveling expense.....	11 09
O 6862	do.	O. S. Watkins.....	do.....	12 43
O 6863	do.	B. S. Pickett.....	do.....	12 00
O 6864	do.	W. A. Ruth.....	do.....	25 80
O 6865	do.	N. W. Hepburn.....	do.....	8 80
O 6866	do.	Jos. H. Checkley.....	do.....	21 33
O 6867	Mar. 4	L. E. Knorr, Assistant Comptroller.....	General labor.....	636 36
O 6868	do.	L. E. Knorr, Assistant Comptroller.....	General labor bills.....	430 99
O 6869	do.	H. A. Harding.....	Traveling expense.....	9 31
O 6870	do.	C. L. Reisner.....	do.....	7 17
O 6871	do.	Chas. B. Price.....	do.....	14 67
O 6872	do.	F. W. Farley.....	do.....	20 02
O 6873	do.	J. R. Van Kleek.....	do.....	5 09
O 6874	do.	Tice & Lynch.....	Freight.....	4 00
O 6875	do.	Roy H. Wilcox.....	Traveling expense.....	12 22
O 6876	do.	Carl Colvin.....	Lectures.....	20 00
O 6877	do.	The Foote Mineral Co.....	Museum specimens.....	20 50
O 6878	do.	Henry A. Dreer.....	Laboratory supplies.....	2 10
O 6879	do.	John W. Spalding.....	Horseshoes.....	6 50
O 6880	do.	C. C. Ferguson.....	do.....	4 00
O 6881	do.	The Potters Supply Co.....	General supplies.....	2 81
O 6882	do.	Connor & Quayle.....	Machinery.....	6 75
O 6883	do.	R. R. Donnelley & Sons.....	Publications.....	290 49
O 6884	do.	Harry Herrick.....	Tank.....	1 50
O 6885	do.	Hall Lumber Co.....	Lime.....	1 25
O 6886	do.	D. T. Dobbins.....	Corn grinding.....	3 20
O 6887	do.	The American Chemical Society.....	Journals.....	11 50
O 6888	do.	Wm. Beutenmuller.....	Museum specimens.....	15 00
O 6889	do.	W. F. Hardy.....	Grass seeder.....	1 50
O 6890	do.	Illinois Traction System.....	Switch track.....	48 48
O 6891	do.	The Frederick Post Co.....	Office supplies.....	21 00
O 6892	do.	The University Press.....	Printing.....	2 50
O 6893	do.	The Gym Store.....	Basket balls.....	10 00
O 6894	Mar. 5	E. G. Soltzman.....	Laboratory supplies.....	4 75
O 6895	do.	Bausch & Lomb Optical Co.....	do.....	30 44
O 6896	do.	P. S. Campbell.....	Printing.....	8 75
O 6897	do.	Burroughs Adding Machine Co.....	Repair work.....	4 25
O 6898	do.	Electric Appliance Co.....	Copper wire.....	29 09
O 6899	do.	James G. Biddle.....	Meter.....	8 39
O 6900	do.	Carbondale Printing Co.....	Printing.....	105 00
O 6901	do.	Elmer Frazier.....	Corn.....	58 20

## OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1915			
O 6902	Mar. 5	Charles Mollet.....	Copper boxes.....	\$ 19 80
O 6903	..do..	Chas. E. Prentice.....	Cases.....	10 80
O 6904	..do..	Gulick Tailoring Co.....	Suits.....	1 40
O 6905	..do..	The Wing Seed Co.....	Beans.....	10 14
O 6906	..do..	Fuller-Morrison Co.....	Chemicals.....	6 80
O 6907	..do..	C. W. Johnson.....	Laboratory supplies.....	2 25
O 6908	..do..	Ward's National Science Est.....	Laboratory supplies.....	6 35
O 6909	..do..	Central Electric Co.....	Switches.....	5 76
O 6910	..do..	General Chemical Co.....	Chemicals.....	3 38
O 6911	..do..	Leer Brothers.....	Prints.....	6 00
O 6912	..do..	Urbana & Champaign Ry. Gas & Electric Co.....	Electric supplies.....	3 50
O 6913	..do..	Albert B. Wuesteman.....	Regulator repair.....	1 50
O 6914	..do..	Ennis Hay Co.....	Hay.....	232 35
O 6915	..do..	Albert T. Mills.....	Fee.....	2 00
O 6916	..do..	A. F. Haake.....	Incidentals.....	1 63
O 6917	..do..	O'Byrne Transfer & Storage Co.....	Cartage.....	2 50
O 6918	..do..	Coldwell Lawn Mower Co.....	Switch.....	1 74
O 6919	..do..	R. M. Wilke.....	Chemicals.....	25 00
O 6920	..do..	The New Era Printing Co.....	Printing.....	17 66
O 6921	..do..	Twin City Roofing Co.....	Down spouts.....	241 61
O 6922	..do..	Geo. B. Carpenter & Co.....	Cotton waste.....	13 94
O 6923	..do..	Norwalk Lock Co.....	Key blanks.....	4 58
O 6924	..do..	The Schaeffer & Budenberg Mfg. Co.....	Brass gauge.....	2 39
O 6925	..do..	Chicago Belting Co.....	Belting.....	4 88
O 6926	..do..	Jno. B. Bennett.....	Masonry.....	45 22
O 6927	..do..	Sharon Coal & Brick Co.....	Coal.....	146 25
O 6928	..do..	Marshall Field & Co.....	Towels.....	1 67
O 6929	..do..	C. H. Besley & Co.....	Sheet iron.....	8 06
O 6930	..do..	Narragansett Machine Co.....	Floor plates.....	1 73
O 6931	..do..	Twin City Creamery Co.....	Butter.....	32 10
O 6932	..do..	Farrar & Quinlan.....	Food stuffs.....	48 65
O 6933	..do..	Singer Sewing Machine Co.....	Rent.....	8 00
O 6934	..do..	B. E. Powell.....	Traveling expense.....	16 66
O 6935	..do..	Chester G. Vernier.....	..do.....	6 54
O 6936	Mar. 6	Josie B. Houchens.....	..do.....	34 49
O 6937	..do..	Ernest J. Roece.....	..do.....	21 68
O 6938	..do..	Geo. Banta Publishing Co.....	Express.....	13 33
O 6939	..do..	The School Century.....	Advertising.....	7 50
O 6940	..do..	J. J. Sloyan.....	Traveling expense.....	20 35
O 6941	..do..	F. A. Peirson.....	..do.....	19 13
O 6942	..do..	H. C. Lawson.....	..do.....	12 47
O 6943	..do..	E. Garver.....	..do.....	9 32
O 6944	..do..	C. F. Goodman.....	..do.....	53 17
O 6945	..do..	Chas. H. Rehling.....	..do.....	14 74
O 6946	..do..	Frank Leggett.....	..do.....	13 00
O 6947	..do..	J. B. Marshall.....	Field work.....	86 05
O 6948	..do..	Stephen Rogers.....	..do.....	42 03
O 6949	..do..	C. C. Logan.....	Traveling expense.....	19 04
O 6950	..do..	A. F. Gustafson.....	..do.....	18 11
O 6951	..do..	Frank W. Garrett.....	..do.....	17 94
O 6952	..do..	Wm. Aten, Sr.....	Field work.....	6 50
O 6953	..do..	Chas. A. Campbell.....	Traveling expense.....	48 99
O 6954	..do..	L. E. Knorr, Assistant Comptroller.....	Student labor.....	347 86
O 6955	..do..	L. E. Knorr, Assistant Comptroller.....	..do.....	467 76
O 6956	Mar. 8	Urbana Courier Co.....	Printing.....	4 50
O 6957	..do..	G. Cramer Dry Plate Co.....	Blue Printing.....	45 09
O 6958	..do..	The Frederick Post Co.....	Office supplies.....	20 87
O 6959	..do..	Robert B. Keller.....	Traveling expense.....	7 95
O 6960	..do..	Marine Biological Laboratory.....	Laboratory supplies.....	8 94
O 6961	..do..	W. J. Smith.....	Heat coils.....	1 20
O 6962	..do..	Central Scientific Co.....	Glass covers.....	2 06
O 6963	..do..	The Wing Seed Co.....	Seeds.....	118 33
O 6964	..do..	The Albert Dickinson Co.....	..do.....	195 96
O 6965	..do..	W. Atlee Burpee & Co.....	Vegetables.....	13 55
O 6966	..do..	J. W. Herriott.....	Poultry.....	20 00
O 6967	..do..	Indian Refining Co.....	Oil.....	6 80
O 6968	..do..	J. Ray Gallagher & Co.....	Bulding material.....	70 00
O 6969	..do..	Munhall Printing House.....	Printing.....	5 50
O 6970	..do..	Funk Bros. Seed Co.....	Seed corn.....	5 00
O 6971	..do..	Connor & Quayle.....	Horseshoes.....	27 00
O 6972	..do..	T. H. Craig.....	Clock.....	2 50
O 6973	..do..	F. R. Robeson.....	Toweling.....	2 63
O 6974	..do..	International Press Clipping Bureau.....	Clipping service.....	5 00
O 6975	..do..	Albert E. Wuesteman.....	Clock repair.....	1 00
O 6976	..do..	Geo. Strobe.....	Tarpaulins.....	9 75
O 6977	..do..	Poehlmann Brothers Co.....	Plants.....	5 00
O 6978	..do..	Commercial Telephone & Telegraph Co.....	Rent.....	7 83
O 6979	Mar. 9	Clayton F. Summy Co.....	Shelf hinges.....	1 00

## OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
1915				
O 6980	Mar. 9	Mexican Mining Journal	Journal	\$ 1 50
O 6981	do.	Westinghouse Electric & Mfg. Co.	Building material	41 30
O 6982	do.	D. H. Lloyd	Map	3 85
O 6983	do.	E. A. Eichhorst	Building apparatus	39 00
O 6984	do.	Chester Transfer Co.	Traveling expense	6 27
O 6985	do.	Champaign Steam Laundry	Laundry	61 17
O 6986	do.	Twin City Ice & Cold Storage Co.	Ice	53 00
O 6987	do.	E. H. Sargent & Co.	Laboratory supplies	191 00
O 6988	do.	Eisner Grocery Co.	General supplies	37 59
O 6989	do.	Cunningham Brothers	Laboratory supplies	4 10
O 6990	do.	Alexander Lumber Co.	Lumber	7 56
O 6991	do.	A. C. McClurg & Co.	Office supplies	11 34
O 6992	do.	R. C. Wagner & Son	Coal	4 95
O 6993	do.	Knowlton & Bennett	Chemicals	1 65
O 6994	do.	Woldenberg & Schaar	Laboratory supplies	26 78
O 6995	do.	G. R. Grubb & Co.	Zinc etching	2 50
O 6996	do.	Champaign Seed Co.	Feed	3 40
O 6997	do.	J. J. Diddoet	Traveling expense	22 54
O 6998	do.	Chester Horseshoeing Shop	Horseshoes	6 00
O 6999	do.	Prison Carriage Shop	Wagon chains	7 00
O 7000	do.	Bausch & Lomb Optical Co.	Microtome knife	2 22
O 7001	do.	G. C. Willis	General supplies	6 24
O 7002	do.	Vaughans Seed Store	Seeds	43 98
O 7003	do.	H. Swannell & Son	Chemicals	4 95
O 7004	do.	W. Lewis & Co.	Muslin	11 33
O 7005	do.	B. A. Strauch	Pictures	4 00
O 7006	do.	Oldham Brothers	Chemicals	3 75
O 7007	do.	Hunter Rourke & Co.	Building supplies	14 15
O 7008	do.	V. Mueller & Co.	Dental supplies	19 33
O 7009	do.	Illinois Malleable Iron Co.	Building material	9 65
O 7010	do.	Maas Brothers	Building supplies	8 87
O 7011	do.	Chicago Telephone Co.	Tolls and telegraph	40 52
O 7012	do.	Chicago Towel Co.	Laundry	84 95
O 7013	do.	The Fair	Office supplies	7 11
O 7014	do.	Pittsburgh Plate Glass Co.	Glass	17 50
O 7015	do.	Huntley Dairy Co.	Dairy supplies	3 12
O 7016	do.	Peoples Gas Light & Coke Co.	Gas	78 88
O 7017	do.	Swift & Co.	Meats	3 60
O 7018	do.	Arthur Ochs	Rabbits and g. pigs	490 55
O 7019	do.	F. G. Hartwell Co.	Coal	396 55
O 7020	do.	Fuller-Morrison Co.	Office supplies	111 60
O 7021	do.	H. W. Johns-Manville Co.	Roll board	7 78
O 7022	do.	The Hunnewell Soap Co.	Soap	31 12
O 7023	do.	Jones & Laughlin Steel Co.	Steel and wire	10 66
O 7024	do.	American Steam Pump Co.	Pumps	5 51
O 7025	do.	J. S. McChesney & Co.	Rent	30 00
O 7026	do.	Russell & Erwin Mfg. Co.	Check C and D	2 25
O 7027	do.	Pyrene Co. of Illinois	Pyrene liquid	12 00
O 7028	do.	James H. Rice Co.	Glass	14 67
O 7029	do.	Warren Webster & Co.	Water heater	26 20
O 7030	do.	Winsor & Newton, Ltd.	Paints	5 33
O 7031	do.	Buick Motor Co.	Auto repairs	34 70
O 7032	do.	Marshall Field & Co.	Dust cloths	7 50
O 7033	do.	Mallory, Mitchell & Faust	Advertising	11 00
O 7034	do.	Calumet Laundry Co.	Laundry	53 87
O 7035	do.	The University Hospital	Room and board	161 05
O 7036	do.	The Book Shop Bindery	Binding	71 05
O 7037	do.	C. L. Frame Dental Supply Co.	Gutta percha	1 13
O 7038	do.	Parke, Davis & Co.	Emetine hydro.	4 68
O 7039	do.	Thos. J. Dee & Co.	Wire	6 05
O 7040	do.	Western Fuel Co.	Coal	123 77
O 7041	do.	Antiseptol Liquid Soap Co.	Soap	27 60
O 7042	do.	John Becker	Guinea pigs	6 00
O 7043	do.	The Western Electric Co.	Connectors	4 05
O 7044	do.	Central Scientific Co.	Glass covers	2 05
O 7045	do.	The Roessler & Hasslach Chemical Co.	Chemicals	11 10
O 7046	do.	Chicago Packing House	Brains	1 00
O 7047	do.	W. G. Clark	Lectures	50 00
O 7048	do.	Champaign County Agriculture Improve- ment Association	Services	15 00
O 7049	do.	John H. Martin	do.	25 00
O 7050	do.	Mrs. H. A. McKeane	Addresses	5 50
O 7051	do.	Olive Percival	Conducting schools	90 00
O 7052	do.	Westinghouse Electric & Mfg. Co.	Electric supplies	79 28
O 7053	do.	Henry H. Shufeldt & Co.	Alcohol	114 29
O 7054	do.	The American City	Magazines	5 00
O 7055	do.	Armour & Co.	Beef serum	1 33
O 7056	do.	The Thompson & Norris Co.	Book wraps	20 43
O 7057	do.	T. H. Craig	Watch	6 50



## OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1915			
O 7058	Mar. 9	Hydrox Co.	Bottles.	\$ 4 00
O 7059	do.	E. M. Moll.	General repair work.	2 85
O 7060	do.	The Caldwell Co.	Electric supplies.	53 44
O 7061	Mar. 11	L. E. Knorr, Assistant Comptroller.	General labor.	162 52
O 7062	do.	L. E. Knorr, Assistant Comptroller.	Student labor.	212 43
O 7063	do.	A. C. McClurg & Co.	Office supplies.	16 70
O 7064	do.	Marshall Field & Co.	Tape.	1 52
O 7065	do.	U. S. Blue Print Paper Co.	Office supplies.	11 66
O 7066	do.	Irving-Pitt Mfg. Co.	Binders and cover.	16 80
O 7067	do.	James H. Rice Co.	Glass.	16 46
O 7068	do.	F. J. Burns & Co.	Frogs and fish.	9 40
O 7069	do.	Harvard Apparatus Co.	Laboratory apparatus.	24 20
O 7070	do.	J. F. Webster & Co.	Food supplies.	18 69
O 7071	do.	F. W. Devoe & C. T. Reynolds Co.	Water colors.	12 30
O 7072	do.	Review Printing & Stationery Co.	Printing.	827 35
O 7073	do.	Rogers & Hall.	Printing.	1,210 00
O 7074	do.	The Weis Mfg. Co.	Office supplies.	20 16
O 7075	do.	Allaire, Woodward & Co.	Laboratory supplies.	52 85
O 7076	do.	Universal Sales Co.	Rubber bands.	16 17
O 7077	do.	Metzler & Schafer Co.	General supplies.	94 85
O 7078	do.	Dallenbach Bros.	Food supplies.	69 86
O 7079	do.	P. S. Campbell.	Printing.	20 25
O 7080	do.	J. T. Ryerson & Son.	Building material.	25 81
O 7081	do.	General Chemical Co.	Chemicals.	154 55
O 7082	do.	G. R. Grubb & Co.	Zinc etchings.	31 75
O 7083	do.	Flanigan-Pearson Co.	Printing.	3 25
O 7084	do.	C. W. Johnson.	Card holders.	3 75
O 7085	do.	American Steel & Wire Co.	Wire.	1 08
O 7086	do.	Thompson Milling Co.	Flour.	2 50
O 7087	do.	L. B. Souder.	Laundry.	5 95
O 7088	do.	Carl Hecker.	Seed corn.	5 00
O 7089	do.	DeKalb County Soil Improvement Assn.	Potassium.	20 40
O 7090	do.	Houser & Sutton.	Hay.	192 11
O 7091	do.	Star & Crescent Milling Co.	Screenings.	650 00
O 7092	do.	Dryer & Burt.	White oats.	374 06
O 7093	do.	Vaughans Seed Store.	Onion sets.	7 15
O 7094	do.	John C. Moninger Co.	Glass and paints.	55 15
O 7095	do.	Eugene Dietzgen Co.	Envelopes.	13 44
O 7096	do.	D. T. Dobbins.	Grinding oats.	4 40
O 7097	do.	Ennis Hay Co.	Alfalfa hay.	248 15
O 7098	do.	Champaign Bottling Works.	Carbon dioxide.	6 00
O 7099	do.	Singer Sewing Machine Co.	Beltng.	5 80
O 7100	do.	W. W. & E. D. Hanes.	Laboratory supplies.	2 16
O 7101	do.	Denver Fire Clay Co.	Muffles.	6 00
O 7102	do.	The Leeds & Northrup Co.	Lamp.	1 13
O 7103	do.	W. F. Dodd.	Salary.	250 00
O 7104	do.	Mrs. Edna Lyman Scott.	Lectures.	250 00
O 7105	do.	Southern Illinois Penitentiary.	Scrubs.	4 80
O 7106	do.	James H. Rice Co.	Glass.	8 55
O 7107	do.	R. H. Hadley.	Traveling expense.	15 02
O 7108	do.	Mrs. E. W. Donoho.	Lectures.	30 00
O 7109	do.	Mrs. L. V. Walcott.	Lectures.	60 00
O 7110	do.	Ulrich Johnson.	Field work.	15 95
O 7111	do.	H. R. Stanford.	Services.	10 00
O 7112	do.	J. Adams Puffer.	Lectures.	60 00
O 7113	do.	Edward Hulting.	Lecture.	15 00
O 7114	do.	C. J. Welch.	Repair work.	18 50
O 7115	do.	French Battery & Carbon Co.	Batteries.	20 58
O 7116	do.	Frank A. Pearson.	Traveling expense.	16 25
O 7117	do.	R. R. Manley.	do.	7 92
O 7118	do.	Frank Turner.	do.	8 95
O 7119	do.	R. S. Dunham.	do.	12 42
O 7120	Mar. 12	Pay roll.	March, 1915.	8,198 29
		Alexander, Lilla M.	Salary.	\$ 70 00
		Alley, W. E.	do.	100 00
		Amos, Winifred.	do.	75 00
		Atkinson, C. E.	do.	141 66
		Beadles, Jessie R.	do.	65 00
		Blackwell, Mary.	do.	60 00
		Boice, L. A.	do.	125 00
		Bowen, Evalena.	do.	65 00
		Briggs, Evelyn L.	do.	55 00
		Broadhurst, Tabitha J.	do.	75 00
		Brownfield, Lelah.	do.	50 00
		Bryan, Sarah E.	do.	75 00
		Buckler, Helen I.	do.	60 00
		Buckles, Mildred E.	do.	65 00
		Burt, Ruth.	do.	50 00
		Cover, Hazel W.	do.	60 00

## OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
O 7120 Ctd.	1915 Mar. 12	Crawford, C. C. ....	Salary .....	\$ 65 00
		Cunningham, H. E. ....	do .....	166 66
		Custer, Emma L. ....	do .....	75 00
		Dalton, C. E. ....	do .....	50 00
		Davis, Vera M. ....	do .....	50 00
		Durfey, Franc A. ....	do .....	50 00
		Feldkamp, Amelia. ....	do .....	55 00
		Fieg, Robert J. ....	do .....	50 00
		Flattery, Amanda M. ....	do .....	65 00
		Fraser, Viola C. ....	do .....	70 00
		Galpin, Stella. ....	do .....	70 00
		Garwood, Frances. ....	do .....	50 00
		Glenn, Eleanor. ....	do .....	50 00
		Goetz, Antoinette H. ....	do .....	70 00
		Goodspeed, W. S. ....	do .....	90 00
		Gordon, Marie A. ....	do .....	55 00
		Grabbe, Florence H. ....	do .....	65 00
		Griffith, Mabel F. ....	do .....	70 00
		Halliday, Mabel. ....	do .....	60 00
		Hamilton, Mrs. Alice V. ....	do .....	100 00
		Hawgood, Helen A. ....	do .....	70 00
		Hayes, James B. ....	do .....	95 00
		Hayes, Margaret L. ....	do .....	50 00
		Hayward, Nellie. ....	do .....	60 00
		Heater, Myrtle. ....	do .....	60 00
		Houchens, Josie B. ....	do .....	83 33
		Hull, A. H. ....	do .....	65 00
		Humrichouse, Katie L. ....	do .....	50 00
		Jay, Edith L. ....	do .....	50 00
		Johnson, Gertrude. ....	do .....	60 00
		Kern, Floy. ....	do .....	40 00
		Kirwin, Nora. ....	do .....	55 00
		Knapp, Aurella. ....	do .....	75 00
		Knorr, Lynn E. ....	do .....	150 00
		Lahr, Lawrence D. ....	do .....	50 00
		Lamb, Allie. ....	do .....	55 00
		Lee, Albert R. ....	do .....	100 00
		Leitz, Louise A. ....	do .....	40 00
		Love, Mary E. ....	do .....	65 00
		Luther, Cornelia M. ....	do .....	45 00
		McConn, Charles M. ....	do .....	250 00
		McGurty, Agnes. ....	do .....	83 33
		McIntire, W. A. ....	do .....	50 00
		Manley, Verna. ....	do .....	50 00
		Manspeaker, Lotta M. ....	do .....	83 33
		Merchant, Donna B. ....	do .....	50 00
		Meseck, Rudolph. ....	do .....	65 00
		Miles, Lois M. ....	do .....	70 00
		Millar, Mary. ....	do .....	70 00
		Miller, C. F. ....	do .....	90 00
		Morey, Lloyd. ....	do .....	125 00
		Morrow, J. A. ....	do .....	166 66
		Nagle, Sybil. ....	do .....	50 00
		Nyberg, Florence A. ....	do .....	50 00
		Packard, Bessie. ....	do .....	75 00
		Peel, Thomas. ....	do .....	60 00
		Pergande, Robert. ....	do .....	95 00
		Phelps, Vergil V. ....	do .....	166 66
		Post, Frederick. ....	do .....	75 00
		Postlewait, Harriet L. ....	do .....	55 00
		Powell, Burt E. ....	do .....	191 66
		Putnam, Persis. ....	do .....	75 00
		Renz, Myrtle. ....	do .....	75 00
		Ressler, Milton. ....	do .....	80 00
		Ricketts, Clara A. ....	do .....	65 00
		Riggs, Bess. ....	do .....	35 00
		Robertson, Nellie. ....	do .....	70 00
		Rogers, Della M. ....	do .....	40 00
		Ross, Anne. ....	do .....	50 00
		Scanlan, Mary. ....	do .....	60 00
		Scott, Bertha M. ....	do .....	50 00
		Sharp, Bertha L. ....	do .....	60 00
		Shaw, Hazel Y. ....	do .....	75 00
		Shepard, Anna L. ....	do .....	100 00
		Sinnoek, Julia. ....	do .....	60 00
		Slater, Sarah M. ....	do .....	60 00
		Smith, Ira M. ....	do .....	125 00
		Smith, Mayme L. ....	do .....	65 00
		States, Bertha G. ....	do .....	50 00

## OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
O 7120 Cld.	1915 Mar. 12	Steitz, Alfred.....	Salary.....	\$ 85 00
		Stevens, Sabra.....	do.....	75 00
		Thompson, M. E.....	do.....	90 00
		Tuttle, George P., Jr.....	do.....	100 00
		Vaubel, Daniel.....	do.....	60 00
		Voight, Lida E.....	do.....	100 00
		Walsh, Ethel M.....	do.....	50 00
		White, Loretta.....	do.....	70 00
		Winchester, B. L.....	do.....	50 00
		Wyninger, H. T.....	do.....	60 00
		Jones, Mabel.....	do.....	65 00
		Buchanan, Harold C.....	do.....	70 00
		Ellis, E. E.....	do.....	50 00
		Harper, Julia.....	do.....	65 00
		Lonius, J. O.....	do.....	90 00
		Vanderbeek, H. J.....	do.....	65 00
	O 7121 do.	do.	Pay roll.....	March, 1915.....
		Filbey, E. J.....	Salary.....	\$ 183 33
		James, Edmund J.....	do.....	1,000 00
		Fair, Sue M.....	do.....	80 00
		Warnock, A. R.....	do.....	150 00
		Clark, T. A.....	do.....	500 00
		Fiero, E. E.....	do.....	50 00
		Strong, Lillian.....	do.....	50 00
		Kyle, Martha J.....	do.....	166 66
		Huff, G. A.....	do.....	416 66
		Manley, E. J.....	do.....	100 00
		Jones, R. R.....	do.....	120 00
		Gill, Harry.....	do.....	220 00
		Fargo, R. N.....	do.....	166 66
		Casner, Sidney.....	do.....	40 00
		Evans, Walter.....	do.....	100 00
		Moulton, Gertrude.....	do.....	133 33
		Brooks, Verna.....	do.....	100 00
		Osmond, Edith G.....	do.....	90 00
		Hughitt, Anna L.....	do.....	110 00
		Gaut, Rosa Lee.....	do.....	50 00
		Jackson, Mabel.....	do.....	20 00
		Webster, F. D.....	do.....	48 00
		Greene, J. H.....	do.....	20 00
		Grunewald, A. H.....	do.....	20 00
		Armstrong, W. C.....	do.....	20 00
		Elles, E. C.....	do.....	20 00
		Pool, E. H.....	do.....	20 00
		Hood, C. F.....	do.....	20 00
		Knapp, L. D.....	do.....	20 00
		Hostetler, J. C.....	do.....	20 00
		Niver, Roe.....	do.....	20 00
		Borden, H. E.....	do.....	20 00
		Hollister, H. A.....	do.....	270 83
		Didcoet, J. J.....	do.....	133 33
		Eldredge, A. G.....	do.....	250 00
		Bollman, Minnie J.....	do.....	32 50
		Breedis, John.....	do.....	18 00
		Britton, F. E.....	do.....	40 00
		Christy, Glen.....	do.....	18 00
		Craig, Jennie A.....	do.....	80 00
		Drury, F. K. W.....	do.....	200 00
		Dunlap, Fannie.....	do.....	65 00
		Felsenthal, Emma.....	do.....	83 33
		Fontaine, E. O.....	do.....	36 00
		Gibson, Mable.....	do.....	27 50
		Goulding, P. S.....	do.....	166 66
		Graves, C. E.....	do.....	100 00
		Herdman, Margaret.....	do.....	75 00
		Hubbard, Marie.....	do.....	27 50
		Hutchins, Margaret.....	do.....	83 33
		Janvrin, C. E.....	do.....	41 66
		Johnson, Alice.....	do.....	83 33
		Jutton, Emma R.....	do.....	108 33
		Leatherman, Marion.....	do.....	75 00
		Patton, Adah.....	do.....	91 66
		Torrance, Mary C.....	do.....	75 00
		Troy, Mary Z.....	do.....	65 00
		Windsor, P. L.....	do.....	291 66
	Conat, Mabel.....	do.....	65 00	
	England, Grace.....	do.....	65 00	
	Erwin, Elizabeth.....	do.....	30 00	
	Eppinger, J. G.....	do.....	36 00	

## OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
O 7121 Ctd.	1915 Mar. 12	Williams, Margaret.....	Salary.....	\$ 48 00
		Baechtold, Elsie.....	do.....	65 00
		Wyeth, Ola M.....	do.....	80 00
		Price, M. A.....	do.....	70 00
		Wood, H. T.....	do.....	30 00
		Roberts, Nellie.....	do.....	32 50
		Hester, Elizabeth.....	do.....	60 00
		Signor, Nelle.....	do.....	32 50
		Penrose, Alma.....	do.....	32 50
		Stone, C. H.....	do.....	37 50
		Benson, Susan.....	do.....	37 50
		Checkley, J. H.....	do.....	100 00
		Hieronymus, R. E.....	do.....	250 00
		Jamison, A. W.....	do.....	166 66
		Miller, W. P.....	do.....	50 00
		Nolan, A. W.....	do.....	200 00
		Rankin, F. H.....	do.....	291 66
		Allyn, Orr.....	do.....	100 00
		Aumer, J. P.....	do.....	150 00
		Brunson, A. M.....	do.....	83 33
		Olevenger, C. B.....	do.....	83 33
		Dickenson, R. W.....	do.....	100 00
		Ellis, O. I.....	do.....	83 33
		Fahrnkopf, H. F. T.....	do.....	83 33
		Garrett, F. W.....	do.....	116 66
		Gentle, G. B.....	do.....	83 33
		Gernert, W. B.....	do.....	150 00
		Gilkerson, H. C.....	do.....	83 33
		Holt, S. V.....	do.....	150 00
		Leighty, W. R.....	do.....	116 66
		Logan, C. C.....	do.....	150 00
		Niederman, Gertrude.....	do.....	100 00
		Sachs, W. H.....	do.....	150 00
		Schoonover, W. R.....	do.....	83 33
		Snider, H. J.....	do.....	83 33
		VanAlstine, E.....	do.....	175 00
		Wascher, F. M. W.....	do.....	116 66
		Wheeler, H. C.....	do.....	150 00
		Torgerson, E. F.....	do.....	70 00
		DeWerff, H. A.....	do.....	70 00
		Bull, Sleeter.....	do.....	150 00
		Harper, Claude.....	do.....	83 33
		Andrews, J. B.....	do.....	100 00
		Keith, Mary H.....	do.....	108 33
		Baumgartner, H. C.....	do.....	70 00
		Wilcox, R. H.....	do.....	83 33
		Brand, R. E.....	do.....	175 00
		Hulce, R. S.....	do.....	133 33
		Keller, O. A.....	do.....	100 00
		Ruehe, H. A.....	do.....	141 66
		Weeter, H. M.....	do.....	83 33
		Nevens, W. B.....	do.....	75 00
		Turner, Frank.....	do.....	75 00
		Becker, Georgia.....	do.....	65 00
		Dorner, H. B.....	do.....	250 00
		Hecht, A. G.....	do.....	70 00
		Hutchinson, James H.....	do.....	100 00
		Muncie, F. W.....	do.....	100 00
		Peltier, G. L.....	do.....	133 33
		Rees, C. C.....	do.....	50 00
		Englis, D. T.....	do.....	60 00
		Miles, L. E.....	do.....	41 66
		Bailey, E. W.....	do.....	175 00
		Bole, S. J.....	do.....	150 00
		Bregger, Thomas.....	do.....	116 66
		Crandall, C. S.....	do.....	291 66
		Gunderson, A. J.....	do.....	116 66
		Pickett, B. S.....	do.....	250 00
		Ruth, W. A.....	do.....	150 00
		Watkins, O. S.....	do.....	175 00
		Venning, F. L.....	do.....	125 00
		Ash, Percy.....	do.....	208 33
		Clark, C. R.....	do.....	166 66
		Provine, L. H.....	do.....	291 66
		Ricker, N. C.....	do.....	291 66
		Titcomb, W. C.....	do.....	175 00
		Wells, N. A.....	do.....	208 33
		Fanning, R. S.....	do.....	120 00
		Foster, W. D.....	do.....	140 00

## OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
O 7121 Ctd.	1915 Mar. 12	Jones, R. T. ....	Salary .....	\$160 00
		Corrubia, A. B. M. ....	do. ....	160 00
		Wolfe, W. S. ....	do. ....	110 00
		Fehrenkamp, Winifred. ....	do. ....	83 33
		Muehlmann, Ralph. ....	do. ....	140 00
		Stanton, W. M. ....	do. ....	120 00
		Kellogg, J. M. ....	do. ....	150 00
		Burton, S. C. ....	do. ....	150 00
		Baker, I. O. ....	do. ....	333 33
		Bowling, B. L. ....	do. ....	83 33
		Garver, N. B. ....	do. ....	141 66
		McDaniel, A. B. ....	do. ....	229 16
		Smith, J. E. ....	do. ....	150 00
		Wiley, C. C. ....	do. ....	141 66
		Wilson, W. M. ....	do. ....	183 33
		Pickells, G. W. ....	do. ....	150 00
		Rayner, W. H. ....	do. ....	130 00
		Davis, R. E. ....	do. ....	120 00
		Ellis, C. A. ....	do. ....	264 20
		Mills, G. G. ....	do. ....	100 00
		Biegler, P. S. ....	do. ....	166 66
		Brooks, Morgan. ....	do. ....	250 00
		Fisk, I. W. ....	do. ....	133 33
		James, L. V. ....	do. ....	133 33
		Faine, E. B. ....	do. ....	250 00
		Waldo, E. H. ....	do. ....	166 66
		Knight, A. R. ....	do. ....	150 00
		Davis, J. W. ....	do. ....	140 00
		Moore, C. R. ....	do. ....	150 00
		Miller, H. W. ....	do. ....	183 33
		Porter, F. M. ....	do. ....	125 00
		Steward, R. K. ....	do. ....	141 66
		Jordan, H. H. ....	do. ....	140 00
		Crane, Rufus. ....	do. ....	100 00
		Husband, R. M. ....	do. ....	30 00
		Atwell, C. A. ....	do. ....	90 00
		Westlund, A. F. ....	do. ....	100 00
		Benedict, B. W. ....	do. ....	291 66
		Dent, J. A. ....	do. ....	150 00
		Frisk, J. A. ....	do. ....	91 66
		Goodenough, G. A. ....	do. ....	291 66
		Harding, L. A. ....	do. ....	291 66
		Leutwiler, O. A. ....	do. ....	241 66
		Richards, C. R. ....	do. ....	479 16
		Willard, A. C. ....	do. ....	200 00
		Godeke, H. F. ....	do. ....	140 00
		Kennedy, R. E. ....	do. ....	150 00
		Waterfall, H. W. ....	do. ....	140 00
		Torrance, E. C. ....	do. ....	120 00
		Rebman, P. J. ....	do. ....	90 00
		Gross, G. A. ....	do. ....	150 00
		Frank, Edwin. ....	do. ....	120 00
		Duncan, J. M. ....	do. ....	90 00
		Lanham, E. T. ....	do. ....	120 00
		McDowell, H. S. ....	do. ....	120 00
		Domonske, A. B. ....	do. ....	140 00
		Radebaugh, G. H. ....	do. ....	120 00
		Hogue, J. H. ....	do. ....	120 00
		DeTurk, J. A. ....	do. ....	120 00
		Holbrook, E. A. ....	do. ....	208 33
		Stoek, H. H. ....	do. ....	416 66
		Callan, A. C. ....	do. ....	150 00
		Andros, S. O. ....	do. ....	175 00
		Enger, M. L. ....	do. ....	187 50
		Fleming, V. R. ....	do. ....	150 00
		Talbot, A. N. ....	do. ....	416 66
		Seeley, F. B. ....	do. ....	170 00
		Boomsliter, G. P. ....	do. ....	170 00
		Noerenberg, C. E. ....	do. ....	170 00
		Ensign, N. E. ....	do. ....	150 00
		Babbitt, H. E. ....	do. ....	150 00
		Gardner, Harry. ....	do. ....	150 00
		Vallance, Alexander. ....	do. ....	140 00
		Putnam, W. J. ....	do. ....	120 00
		Carman, A. P. ....	do. ....	416 66
		Knipp, C. T. ....	do. ....	233 33
		Kunz, Jacob. ....	do. ....	208 33
		Schulz, W. F. ....	do. ....	183 33
		Williams, E. H. ....	do. ....	141 66

## OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
O 7121 Ctd.	1915 Mar. 12	Watson, F. R.	Salary.	\$229 16
		Randolph, O. A.	do.	100 00
		Hyslop, W. H.	do.	95 00
		Warner, E. H.	do.	90 00
		Karrer, Sebastian	do.	75 00
		Nathanson, J. B.	do.	75 00
		Hill, C. F.	do.	50 00
		Bayley, F. T.	do.	30 00
		Jones, L. T.	do.	115 00
		Buck, A. M.	do.	130 00
		Constock, A. F.	do.	138 66
		Schmidt, E. C.	do.	323 33
		Snoegrass, J. M.	do.	323 33
		Drum, H. H.	do.	133 33
		Keller, R. B.	do.	168 66
		Mohrland, D. F.	do.	123 32
		Moore, H. F.	do.	250 00
		Slater, W. A.	do.	150 00
		Tensen, F. D.	do.	133 32
		Connerman, H. F.	do.	150 00
		Wilson, L. A.	do.	116 66
		Dieckman, T. W.	do.	60 00
		Bell, J. H.	do.	50 00
		Montgomery, Julian.	do.	50 00
		Fogues, R. B.	do.	50 00
		Gaward, O. A.	do.	50 00
		Lacity, W. P.	do.	50 00
		Lichten, R. G.	do.	50 00
		Young, R. G.	do.	50 00
		Layman, J. D.	do.	50 00
		Nebel, N. L.	do.	50 00
		Decker, E. H.	do.	291 66
		Grees, Frederick	do.	291 66
		Harley, O. A.	do.	416 66
		Hale, W. G.	do.	291 66
		Parsons, J. N.	do.	258 33
		Vorrier, C. G.	do.	291 66
		Corrigan, C. E.	do.	208 33
		Balbrook, K. C.	do.	416 66
		Lake, E. J.	do.	187 50
		Welmore, Mary M.	do.	150 00
		Bragbury, C. E.	do.	140 00
		Stephens, Joel	do.	291 66
		Semmes, A. I.	do.	35 00
		Reed, F. W.	do.	140 00
		Sperry, J. E.	do.	150 00
		Burton, L. V.	do.	120 00
		Winslow, J. C.	do.	54 00
		Hottes, C. F.	do.	250 00
		Stevens, F. L.	do.	333 33
		Trelease, William	do.	416 66
		Hegre, Stella M.	do.	100 00
		McDougal, W. B.	do.	120 00
		Parr, Rosalie.	do.	80 00
		Quick, B. E.	do.	60 00
		Kempton, F. E.	do.	60 00
		Dalbey, Nora.	do.	60 00
		Waggoner, H. D.	do.	60 00
		Pickler, W. E.	do.	30 00
		Davis, R. L.	do.	30 00
		Lankey, E. M. R.	do.	60 00
		Lantz, C. W.	do.	60 00
		Hurst, R. K.	do.	160 00
		Stull, R. F.	do.	250 00
		Danielson, R. R.	do.	75 00
		Radcliffe, B. S.	do.	120 00
		Williams, A. E.	do.	130 00
		Balle, C. W.	do.	250 00
		Derick, C. G.	do.	166 66
		Noyes, W. A.	do.	416 66
		Parr, S. W.	do.	333 33
		Smith, G. M.	do.	333 33
		Washburn, E. W.	do.	291 66
		Weber, H. C. P.	do.	166 66
		Allen, R. W.	do.	30 00
		Anders, Paul	do.	120 00
		Bell, T. R.	do.	60 00

## OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
O 7121 Ctd.	1915 Mar. 12	Beal, G. D.	Salary	\$125 00
		Bissell, D. W.	do.	30 00
		Broderson, H. J.	do.	130 00
		Barthart, C. W.	do.	10 00
		Charlton, E. F.	do.	50 00
		Chandler, E. M. A.	do.	10 00
		Cann, Jesse	do.	120 00
		Dartall, Jumaia	do.	50 00
		Davidson, C. N.	do.	30 00
		Davidson, B. S.	do.	60 00
		Dean, F. M.	do.	60 00
		Engle, E. W.	do.	30 00
		Ford, J. T.	do.	30 00
		Gerry, H. L.	do.	30 00
		Hakanson, A. F.	do.	10 00
		Halfield, V. D.	do.	120 00
		Hecker, C. H.	do.	60 00
		Hess, K. W.	do.	120 00
		House, E. O.	do.	30 00
		Hurt, A. M.	do.	30 00
		Honovski, K. B.	do.	30 00
		Hopkins, B. B.	do.	125 00
		Janson, M.	do.	10 00
		Kaimu, Oliver	do.	60 00
		Karr, W. G.	do.	50 00
		Kreners, E. C.	do.	50 00
		Lee, H. K.	do.	20 00
		Loeas, J. B.	do.	30 00
		MacInnes, D. A.	do.	125 00
		Marquis, E. D.	do.	25 00
		Orin, H. W.	do.	120 00
		Reid, J. W.	do.	50 00
		Rees, E. A.	do.	50 00
		Seas, G. W.	do.	120 00
		Sears, E. H.	do.	35 00
		Taylor, S. C.	do.	60 00
		Thompson, Lambert	do.	120 00
		Thyph, R. W.	do.	35 00
		Shepard, A. D.	do.	30 00
		Skinner, G. S.	do.	30 00
		Wildman, E. A.	do.	60 00
		Wickers, E.	do.	50 00
		Hall, S. M.	do.	10 00
		Westhaefer, T. O.	do.	30 00
		Valentine, H. B.	do.	60 00
		MacArthur, C. G.	do.	150 00
		Barbre, Clarence	do.	30 00
		Vollweiler, E. H.	do.	30 00
		Ruby, G. B.	do.	10 00
		Brunskill, E. R.	do.	10 00
		Haag, V. W.	do.	10 00
		Braley, S. A.	do.	50 00
		Foorliff, F. W.	do.	30 00
		Rowland, F. E.	do.	10 00
		Barton, H. J.	do.	291 66
		Carter, H. V.	do.	208 33
		Moss, C. M.	do.	250 00
		Oldfather, W. A.	do.	250 00
		Pease, A. S.	do.	250 00
		Bogart, E. I.	do.	291 66
		Chase, W. A.	do.	240 00
		Dewsnup, E. R.	do.	250 00
		Litman, Simon.	do.	208 33
		Robinson, M. H.	do.	125 00
		Weston, N. A.	do.	250 00
		Hellman, R. E.	do.	216 66
		Thompson, J. G.	do.	200 00
		Seoville, H. T.	do.	180 00
		McDonston, Harrison	do.	200 00
		Petersen, E.	do.	60 00
		Dreesen, W. H.	do.	60 00
		Knight, C. K.	do.	50 00
		McKenna, E. L.	do.	50 00
		Leslie, H. D.	do.	30 00
		Thompson, C. M.	do.	191 66
		Little, R. F.	do.	50 00
		Coffman, L. D.	do.	291 66
		Johnston, C. H.	do.	291 66
		Miller, W. S.	do.	150 00

## OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
O 7121 Ctd.	1915 Mar. 12	Whipple, G. M.	Salary	\$229 16
		Hanger, J. W.	do.	50 00
		Cobb, Margaret	do.	50 00
		Baldwin, E. C.	do.	175 00
		Dodge, D. K.	do.	270 83
		Fulton, Edward	do.	175 00
		Jones, H. S. V.	do.	183 33
		Paul, H. G.	do.	208 33
		Scott, F. W.	do.	200 00
		Sherman, S. P.	do.	308 33
		Woolbert, C. H.	do.	166 66
		Zeitlin, Jacob	do.	141 66
		Creek, H. L.	do.	125 00
		Whicher, G. F.	do.	120 00
		Alden, E. S.	do.	120 00
		Whitford, R. C.	do.	100 00
		Hillebrand, H. M.	do.	130 00
		Harris, L. H.	do.	120 00
		Tieje, R. E.	do.	120 00
		Jones, E. S.	do.	120 00
		Curl, M. J.	do.	140 00
		Stidson, R. O.	do.	100 00
		Harbarger, Sada.	do.	100 00
		Stanley, T. B.	do.	100 00
		Sarett, L. R.	do.	100 00
		Dixon, R. E.	do.	110 00
		Beck, Clyde	do.	50 00
		Loomis, R. S.	do.	120 00
		Rinaker, Clarissa	do.	120 00
		Boyer, C. V.	do.	141 66
		Schoepperle, Gertrude	do.	116 66
		Sutcliffe, E. G.	do.	100 00
		Downs, C. S.	do.	120 00
		Phelps, J. M.	do.	100 00
		Kelso, Ruth	do.	100 00
		Buchen, W. A.	do.	150 00
		Folsom, J. W.	do.	208 33
		Forbes, S. A.	do.	83 33
		MacGillivray, A. D.	do.	250 00
		Peterson, Alvah	do.	60 00
		Glasgow, R. D.	do.	130 00
		Bayley, W. S.	do.	250 00
		Rolfe, C. W.	do.	250 00
		Savage, T. E.	do.	208 33
		DuBois, H. M.	do.	50 00
		Read, M. K.	do.	40 00
		Ross, C. S.	do.	50 00
		Rich, J. L.	do.	160 00
		Storrier, James	do.	60 00
		Brooks, N. C.	do.	208 33
		Flom, G. T.	do.	233 33
		Goebel, Julius	do.	312 50
		Lessing, O. E.	do.	291 66
		Meyer, G. H.	do.	229 16
		Poor, C. M.	do.	150 00
		Williams, C. A.	do.	150 00
		Koller, A. H.	do.	140 00
		Barto, P. S.	do.	120 00
		Zucker, A. E.	do.	50 00
		Blaisdell, Daisy L.	do.	100 00
		Green, Alexander	do.	135 00
		Bloomfield, Leonard	do.	166 66
		Alvord, C. W.	do.	145 83
		Greene, E. B.	do.	416 66
		Larson, L. M.	do.	250 00
		Lybber, A. H.	do.	233 33
		Robertson, W. S.	do.	208 33
		Jones, P. V. B.	do.	150 00
		Pease, T. C.	do.	125 00
		Cole, A. C.	do.	160 00
		Brush, Elizabeth	do.	100 00
		Bishop, Mildred	do.	40 00
		Miller, J. E.	do.	60 00
		Borger, R. L.	do.	125 00
		Crathorne, A. R.	do.	166 66
		Emch, Arnold	do.	187 50
		Lytle, E. B.	do.	150 00



## OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
O 7121 Ctd.	1915 Mar. 12	Miller, G. A.	Salary.	\$291 66
		Rietz, H. L.	do.	158 33
		Shaw, J. B.	do.	229 16
		Sisam, C. H.	do.	183 33
		Townsend, E. J.	do.	333 33
		Wahlin, G. E.	do.	116 66
		Kempner, A. J.	do.	150 00
		Denton, W. W.	do.	140 00
		Chittenden, E. W.	do.	140 00
		Burns, Josephine.	do.	100 00
		Zels, H. C.	do.	60 00
		Wilson, W. H.	do.	60 00
		Hebbert, C. M.	do.	60 00
		Smith, G. W.	do.	60 00
		Marshall, R. H.	do.	60 00
		Grimes, N. C.	do.	120 00
		Burge, W. E.	do.	191 66
		Beard, J. H.	do.	185 00
		Neill, Alma J.	do.	60 00
		Bode, B. H.	do.	291 66
		Daniels, A. H.	do.	333 33
		Shepherd, Queen L.	do.	120 00
		Haessler, Carl	do.	100 00
		Garner, J. W.	do.	333 33
		Mathews, J. M.	do.	150 00
		Story, R. M.	do.	180 00
		Hanford, A. C.	do.	50 00
		Bentley, Madison.	do.	270 83
		DeCamp, J. E.	do.	70 00
		Rogers, Sophie.	do.	30 00
		Ruchmick, C. A.	do.	150 00
		Rahm, Carl.	do.	150 00
		Carnahan, D. H.	do.	225 00
		Fitz-Gerald, J. D., II	do.	225 00
		Oliver, T. E.	do.	250 00
		Seymour, A. R.	do.	191 66
		Carry, C. S.	do.	110 00
		Eppels, Joseph.	do.	100 00
		Wesenberg, T. G.	do.	100 00
		Kessler, James.	do.	90 00
		Allen, Louis.	do.	90 00
		Moore, O. H.	do.	160 00
		Blondheim, D. S.	do.	166 66
		Soto, Rafael.	do.	100 00
		Hayes, E. C.	do.	275 00
		Hibbs, H. H.	do.	120 00
		Kingsley, J. S.	do.	291 66
		Smith, Frank.	do.	250 00
		Ward, H. B.	do.	416 66
		Zeleny, Charles.	do.	250 00
		Shelford, V. E.	do.	166 66
		VanCleave, H. J.	do.	130 00
		May, H. G.	do.	60 00
		Green, Bessie.	do.	60 00
		Linkins, R. H.	do.	60 00
		Heimbürger, H. V.	do.	60 00
		Magath, T. B.	do.	30 00
		Higgins, G. M.	do.	30 00
		Metcalf, H. E.	do.	30 00
		Redwood, C. W.	do.	120 00
		Marshall, Ruth.	do.	120 00
		Conel, Jesse.	do.	60 00
		Baumgartner, Rachel.	do.	30 00
		Miller, Eva G.	do.	66 66
		Kinley, David.	do.	583 33
		Scheffel, Yetta.	do.	50 00
		Kile, Jessie.	do.	45 00
		Hofto, J. A.	do.	45 00
		Albrecht, W. A.	do.	25 00
		Babbitt, Albert.	do.	25 00
		Bacon, Gertrude A.	do.	25 00
		Barber, Julia.	do.	25 00
		Beck, Mary L.	do.	25 00
		Colvin, Esther M.	do.	25 00
		Cooke, D. G.	do.	25 00
		Crooker, S. J.	do.	25 00
		Cutler, Floy F.	do.	25 00
		Dunham, W. A.	do.	25 00
		Elliott, Erma L.	do.	25 00

## OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
O 7121 Ctd.	1915 Mar. 12	Farver, E. C.	Salary	\$ 25 00
		Fazel, C. S.	do.	25 00
		Fisher, Fay L.	do.	25 00
		Griffin, Clare E.	do.	25 00
		Hamilton, C. C.	do.	25 00
		Hefferman, Ruth M.	do.	25 00
		Hendel, R. W., Jr.	do.	25 00
		Jerdan, A. L.	do.	25 00
		Jewell, Minna E.	do.	25 00
		Kindred, J. E.	do.	25 00
		Meier, Alice	do.	25 00
		Miller, Marie B.	do.	25 00
		Myers, Odessa M.	do.	25 00
		Okey, Ruth E.	do.	25 00
		Owens, R. W.	do.	25 00
		Palm, F. C.	do.	25 00
		Puckney, L. A.	do.	25 00
		Richart, F. E.	do.	25 00
		Ried, E. A.	do.	25 00
		Russell, Robbins	do.	25 00
		Swanson, F. C.	do.	25 00
		Ter Keurst, H. D.	do.	25 00
		Turley, R. E.	do.	25 00
		Van Doren, M. A.	do.	25 00
		Watkins, Gordon	do.	25 00
		White, Leila O.	do.	25 00
		Williams, Kathryn	do.	25 00
		Winkelmann, H. A.	do.	25 00
		Wiseman, Esther	do.	25 00
		Young, Esther	do.	25 00
		Tinsley, R. W.	do.	25 00
		Brady, St. Elmo	do.	35 00
		Burd, H. A.	do.	40 00
		Clark, K. A.	do.	35 00
		Clark, Helen	do.	35 00
		Debel, N. H.	do.	35 00
		Elliott, John A.	do.	35 00
		Garman, Philip	do.	35 00
		Harder, O. E.	do.	35 00
		Holley, C. E.	do.	40 00
		Howard, J. W.	do.	35 00
		Kernall, M. J.	do.	35 00
		Lamb, B. F.	do.	35 00
		McFarlane, Wallace	do.	40 00
		Mosher, Edna	do.	45 00
		Pasmore, D. F.	do.	35 00
		Rutledge, George	do.	50 00
		Sabin, Ethel E.	do.	35 00
		Scholl, Clarence	do.	35 00
		Stevens, W. E.	do.	35 00
		Streeter, F. B.	do.	40 00
		Stunkard, H. W.	do.	35 00
		Watson, Minnie E.	do.	40 00
		Wells, M. M.	do.	40 00
		Wright, Quincy	do.	45 00
		Wyatt, F. A.	do.	40 00
		Steward, C. L.	do.	45 00
		Weiland, H. J.	do.	50 00
		Kirshman, J. E.	do.	40 00
		Bond, Ethel	do.	83 33
		Curtis, Florence	do.	133 33
		Reece, E. J.	do.	133 33
		Simpson, Frances	do.	166 66
		Schwartz, G. F.	do.	183 33
		Smith, Constance Barlow	do.	166 66
		Van den Berg, H. J.	do.	180 00
		Nasmyth, H. D.	do.	170 00
		Morphy, E. W.	do.	170 00
		Townsend, L. L.	do.	120 00
		Kirkup, Florence	do.	100 00
		Treat, Edna L.	do.	100 00
		Simon, Anna	do.	100 00
		Erb, J. L.	do.	250 00
		Harding, A. A.	do.	180 00
		Bartow, Edward	do.	166 66
		Bennett, A. N.	do.	75 00
		Hanford, W. W.	do.	60 00
		Hinds, M. E.	do.	70 00
		Mohlman, F. W.	do.	70 00

## OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
<b>1915</b>				
O 7121	Mar. 12	Tanner, F. W.	Salary	\$ 70 00
Cld.		Day, W. B.	do.	208 33
		Snow, C. M.	do.	150 00
		Gathercoal, E. N.	do.	108 33
		Eicher, B. L.	do.	83 33
		Colson, H. D.	do.	83 33
		Fantus, Bernard.	do.	16 66
		Lynn, E. V.	do.	150 00
O 7122	Mar. 13	J. M. Lindgren.	Wages	\$ 75 00
O 7123	do.	L. S. Baldwin.	do.	60 60
O 7124	do.	Blaisdell Paper Pencil Co.	Pencils.	32 15
O 7125	do.	J. D. White.	Postage	562 00
O 7126	do.	Cameron, Amberg & Co.	Page folders.	42 00
O 7127	do.	Chicago Addressing Co.	Printing	30 91
O 7128	do.	H. I. Carpenter.	Piano tuning.	8 25
O 7129	do.	Chris Egginton.	Rent.	180 00
O 7130	do.	R. S. Prunty.	do.	100 00
O 7131	do.	Chicago Symphony Orchestra.	Concerts.	1,200 00
O 7132	do.	Hollis & Duncan.	Office supplies.	2 13
O 7133	do.	Irving-Pitt Mfg. Co.	Book covers.	3 14
O 7134	do.	Graham Paper Co.	Office supplies.	45 12
O 7135	do.	United States Blue Print Paper Co.	Office supplies.	13 44
O 7136	do.	Herbert W. Blaney.	Traveling expense	8 09
O 7137	do.	Wilhelm Miller.	do.	38 07
O 7138	do.	Frank A. Pearson.	do.	7 87
O 7139	do.	J. O. Tupper.	do.	25 82
O 7140	do.	Fred J. Blackburn.	do.	26 59
O 7141	do.	R. K. Wells.	Lectures.	105 00
O 7142	do.	Walter H. Rowe.	Lecturing	36 00
O 7143	do.	L. D. Seass.	do.	62 50
O 7144	do.	G. W. Spindler.	Wages.	50 00
O 7145	do.	Amelia Kellogg.	do.	120 00
O 7146	do.	A. C. Hanford.	do.	60 00
O 7147	Mar. 15	Charles P. Emerson.	Lectures.	25 00
O 7148	do.	Creamery Package Mfg. Co.	Milk scales.	25 18
O 7149	do.	White Line Laundry.	Laundry.	95 18
O 7150	do.	School Science & Mathematics.	Printing.	1 00
O 7151	do.	Raymond Lead Co.	Sheet lead.	16 40
O 7152	do.	Kienle Bros. Testing Machine Co.	General supplies.	35 00
O 7153	do.	H. K. Mulford Co.	Serum.	15 00
O 7154	do.	J. M. Thorburn & Co.	Seeds.	7 95
O 7155	do.	Kimble Durand Glass Co.	Wall tubing.	10 86
O 7156	do.	Hoffman & Kropff Chemical Co.	Acetone.	6 00
O 7157	do.	Review Printing & Stationery Co.	Printing.	47 00
O 7158	do.	Crane Co.	Plugs.	12 46
O 7159	do.	Alrens & Schreiner.	Food stuffs.	1 25
O 7160	do.	Physicians' Supply & Drug Co.	Laboratory supplies.	15 02
O 7161	do.	C. L. Frame Dental Supply Co.	do.	8 38
O 7162	do.	Fuller-Morrisson Co.	Food supplies.	11 70
O 7163	do.	The Western Electric Co.	Electrical supplies.	6 61
O 7164	do.	Harms & Scheuber.	Animal feed.	10 00
O 7165	do.	V. Mueller & Co.	General supplies.	57 02
O 7166	do.	Maas Bros.	Building equipment.	11 65
O 7167	do.	Huntley Dairy Co.	Kazol.	1 80
O 7168	do.	Thompson Teaming.	Repair works.	23 50
O 7169	do.	Joseph Walsh.	Ashes.	17 00
O 7170	do.	Marshall Field & Co.	Janitor supplies.	13 20
O 7171	do.	Rothschilds & Co.	Tumblers.	9 68
O 7172	do.	Hogan Envelope Co.	Printing.	11 44
O 7173	do.	J. D. Buxham Dairy Co.	Dairy products.	1 76
O 7174	do.	Western Lumber Co.	Pine.	3 20
O 7175	do.	Devoo & Reynolds Co.	Illus boards.	3 00
O 7176	do.	A. W. Gates.	Traveling expense.	13 05
O 7177	do.	Joseph Hill.	Services.	100 00
O 7178	do.	H. A. Hollister.	Traveling expense.	17 64
O 7179	do.	J. J. Didcoet.	do.	21 20
O 7180	Mar. 16	L. E. Knorr, Acting Comptroller.	General labor.	189 27
O 7181	do.	L. E. Knorr, Acting Comptroller.	Student labor.	300 21
O 7182	do.	Pay roll.	March, 1915.	1,468 33
		Allen, Mrs. Josephine.	Salary	\$ 55 00
		Arneson, Mable L.	do.	75 00
		Brodar, Esther.	do.	50 00
		Browne, W. H.	do.	250 00
		Cole, H. W.	do.	100 00
		David, Eshoo.	do.	55 00
		David, Paul.	do.	60 00
		Fletcher, Edward C.	do.	100 00
		Froberg, E.	do.	75 00
		Gubbins, Maud.	do.	60 00

## OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
O 7182	1915 Mar. 16	Heerman, Louise B.	Salary	\$ 60 00
Cld.		Hoy, Anna.	do.	60 00
		Loomis, Metta H.	do.	83 33
		McQuigg, Mrs. Kate F. M.	do.	50 00
		Seaberg, Elin M.	do.	60 00
		Tomek, Gertrude.	do.	60 00
		Tomlinson, J. S.	do.	125 00
		Watson, Ethel.	do.	50 00
O 7183	..do....	Morehead, Mary M.	do.	40 00
		Pay roll.	March, 1915.	
		Eycleshymer, A. C.	Salary	\$416 66
		Jones, T. S.	do.	83 33
		Moodie, R. L.	do.	125 00
		Small, J. C.	do.	50 00
		Welker, W. H.	do.	229 16
		Dreyer, G. P.	do.	374 99
		Boelio, Louis.	do.	80 00
		Smith, C. S.	do.	166 66
		Tracy, Olover.	do.	83 33
		VonTessmar, Otto.	do.	55 00
		Krudwig, Edna.	do.	40 00
		Bach, E. G.	do.	50 00
		Burmeister, W. H.	do.	166 66
		Boughton, T. H.	do.	150 00
		Curl, Howard.	do.	50 00
		Davis, D. J.	do.	416 66
		Falls, F. H.	do.	83 33
		Fantus, Bernard.	do.	166 66
		Gardner, Stella.	do.	83 33
		Gaffney, C. O.	do.	70 00
		Lincoln, Mary C.	do.	50 00
		Moore, J. J.	do.	150 00
		Weedon, Amy G.	do.	60 00
		Shackles, A. O.	do.	166 66
		Simonds, W. E.	do.	50 00
		Hiskey, George N.	do.	45 00
		Bake, L. E.	do.	66 66
		Bernard, F. S.	do.	25 00
		Coolidge, E. D.	do.	83 33
		Dittmar, G. W.	do.	83 33
		Gallie, D. M.	do.	83 33
		Kaplan, J. H.	do.	100 00
		McGuire, J. C.	do.	150 00
		Moorehead, F. B.	do.	249 99
		Noyes, F. B.	do.	125 00
		Schultz, Louis.	do.	33 33
		Thomas, N. G.	do.	50 00
		Starr, S. P.	do.	66 66
		Williams, I. W.	do.	66 66
O 7184	..do....	White Line Steam Laundry	Laundry.	19 49
O 7185	..do....	Indian Refining Co.	Oil.	189 19
O 7186	..do....	Cameron, Amberg & Co.	Printing.	45 50
O 7187	..do....	J. B. Andrews.	Traveling expense.	27 73
O 7188	..do....	The Caldwell Co.	Electrical supplies.	63 75
O 7189	..do....	D. H. Lloyd.	Office supplies.	399 57
O 7190	..do....	J. C. Gable & Co.	Key holders.	12 80
O 7191	..do....	The Frederick Post Co.	Office supplies.	17 64
O 7192	..do....	Bausch & Lomb Optical Co.	Laboratory supplies.	16 46
O 7193	..do....	Royal A. Stipes.	Sand.	3 50
O 7194	..do....	Oldham Brothers.	Soap and iodine.	1 50
O 7195	..do....	Charley Quick.	Hay.	49 60
O 7196	..do....	The Roessler & Hasslacher Chemical Co.	Peroxide.	27 22
O 7197	..do....	Chas. A. Strelinger Co.	Iron gears.	1 60
O 7198	..do....	Marshall Field & Co.	Towels.	68 60
O 7199	..do....	L. E. Dallenbach.	Eggs.	9 00
O 7200	..do....	S. R. Wright.	Hammer handles.	1 35
O 7201	..do....	G. E. Stechert & Co.	Books.	25 00
O 7202	..do....	Eisner Grocery Co.	General supplies.	20 92
O 7203	..do....	B. E. Spalding.	Chemicals.	2 40
O 7204	..do....	F. K. Robeson.	Toweling.	24 40
O 7205	..do....	Eugene Dietzgen Co.	Tracing paper.	16 80
O 7206	..do....	The Chester Transfer Co.	Drayage.	42 11
O 7207	..do....	Fred H. Rankin.	Traveling expense.	88 30
O 7208	..do....	John H. Doyle.	Apparatus repairs.	27 69
O 7209	..do....	Keuffel & Esser Co.	Office supplies.	20 00
O 7210	..do....	Walker & Mulliken.	Shades and frames.	2 85
O 7211	..do....	D. H. Lloyd.	Water colors.	14 91
O 7212	..do....	Watson Faulkner.	Chemicals.	9 15
O 7213	..do....	R. W. Braithwaite.	Services.	10 25

## OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
1915				
O 7214	Mar. 16	Twin City Ice & Cold Storage Co.	Ice	\$ 4 50
O 7215	..do..	W. Lewis & Co.	Canvas and thread	6 71
O 7216	..do..	Lussky, White & Coolidge	Card holders	30 00
O 7217	..do..	Neostyle Co.	Stencils	1 75
O 7218	..do..	Barnhart Brothers	Screws	1 65
O 7219	..do..	C. C. Ferguson	Shoes	1 00
O 7220	..do..	The National Ammonia Co.	Ammonia	25 74
O 7221	..do..	S. E. Huff & Co.	Lumber	6 80
O 7222	..do..	Leavitt Mfg. Co.	Shaft boxes	2 04
O 7223	..do..	Remington Typewriter Co.	Carbon	1 00
O 7224	..do..	Twin City Printing Co.	Printing	1 00
O 7225	..do..	Chester Horseshoeing Shop	Horseshoes	7 00
O 7226	..do..	Standard Oil Co.	Candles	3 52
O 7227	..do..	Devoe & Reynolds Co.	Artist material	12 30
O 7228	..do..	W. P. Miller	Services	50 00
O 7229	..do..	E. M. Pulliam	Poultry	3 00
O 7230	..do..	Review Printing & Stationery Co.	Printing	1 70
O 7231	..do..	Alexander Lumber Co.	Cypress	16 79
O 7232	..do..	Champaign Steam Laundry	Laundry	49 20
O 7233	..do..	Miller Harness Co.	Harness	4 75
O 7234	..do..	Champaign Seed Co.	Seeds	23 80
O 7235	..do..	Vaughans Seed Store	..do..	4 59
O 7236	..do..	Woldenberg & Schaar	Laboratory apparatus	183 03
O 7237	..do..	Illinois State Reformatory	Printing	259 80
O 7238	..do..	Manhattan Electrical Supply Co.	Marine coils	6 90
O 7239	..do..	Funk Bros. Seed Co.	Oats	1 20
O 7240	..do..	L. L. Olds Seed Co.	..do..	7 68
O 7241	..do..	Quality Grocery	Food supplies	7 92
O 7242	..do..	G. O. B. Carpenter & Co.	Washed rags	2 19
O 7243	..do..	Southern Illinois Penitentiary	Printing	136 86
O 7244	..do..	Electric Coal Co.	Coal	1,919 24
O 7245	..do..	Louis Melind Co.	General supplies	3 01
O 7246	..do..	The Burr Co.	Appr. supplies	3 71
O 7247	..do..	Taylor Hardware Co.	Galvanized wire	50 40
O 7248	..do..	Jno. B. Bennett	Brick work	48 50
O 7249	..do..	E. H. Sargent & Co.	Laboratory supplies	737 87
O 7250	..do..	Fannie M. Brooks	Lectures	120 00
O 7251	..do..	D. A. Abrams	Traveling expense	13 30
O 7252	..do..	Anseo Co.	General supplies	7 79
O 7253	..do..	R. S. Zeitler	Services	65 00
O 7254	Mar. 17	Pay roll	March, 1915	700 00
O 7254a	..do..	Jacob Solomon	Wages	50 00
O 7255	..do..	Emil Van Tesmar	..do..	40 00
O 7256	..do..	Simon David	..do..	50 00
O 7257	..do..	Elia George	..do..	50 00
O 7258	..do..	John Kastanos	..do..	50 00
O 7259	..do..	Johann Becker	..do..	55 00
O 7260	..do..	William Kerechan	..do..	50 00
O 7261	..do..	Harry Schultz	..do..	35 00
O 7262	..do..	Herbert A. Matthes	..do..	40 00
O 7263	..do..	Peter Drennan	..do..	80 00
O 7264	..do..	Joseph Klena	..do..	60 00
O 7265	..do..	Hubert Rehfeldt	..do..	40 00
O 7266	..do..	John T. Blackwell	..do..	60 00
O 7267	..do..	William Braun	..do..	40 00
O 7268	Mar. 18	Galesburg Buggy Co.	Barley	20 15
O 7269	..do..	Urbana & Champaign Railway, Gas & Electric Co.	Gas	1,102 80
O 7270	..do..	Vaughans Seed Store	Grass seed	65 64
O 7271	..do..	Wm. Webb	Seed corn	3 50
O 7272	..do..	Crane Co.	Globe valves	6 34
O 7273	..do..	H. W. Blaney	Traveling expense	10 43
O 7274	..do..	W. E. Holben	Lectures	91 00
O 7275	..do..	A. C. Callen	Traveling expense	2 15
O 7276	..do..	M. L. Nebel	..do..	2 75
O 7277	..do..	L. H. Provine	..do..	11 84
O 7278	..do..	H. C. Gilkerson	..do..	24 35
O 7279	..do..	O. M. Allyn	..do..	13 11
O 7280	..do..	F. W. Garrett	..do..	32 30
O 7281	..do..	C. C. Logan	..do..	25 24
O 7282	..do..	Frank A. Pearson	..do..	22 92
O 7283	..do..	P. A. Nowlen	..do..	12 13
O 7284	..do..	H. A. Harding	..do..	22 94
O 7285	..do..	Warren Webster & Co.	Inspection doors	20 00
O 7286	..do..	The American Multigraph Sales Co.	Office supplies	17 50
O 7287	..do..	General Chemical Co.	Chemicals	95 21
O 7288	..do..	The Albert Dickinson Co.	Seeds	41 83
O 7289	..do..	Gaylord Brothers	Binders	30 78
O 7290	..do..	Oxweld Acetylene Co.	Iron wire	4 06

## OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
<b>1915</b>				
O 7291	Mar. 18	Gustav Stickley, The Craftsman	Stain	\$ 2 50
O 7292	do.	Kinsey, Mahler Co.	White bronze	10 40
O 7293	do.	Great Western Smelting & Refining Co.	Ingot copper	32 70
O 7294	do.	Peerless Belt Lacing Machine Co.	Coil lacing	5 59
O 7295	do.	Detroit Seamless Steel Tubes Co.	Steel tubes	2 17
O 7296	do.	Century Tool & Metal Co.	Metal alloy	7 20
O 7297	do.	Twin City Bindery	Printing	9 75
O 7298	do.	Mrs. M. V. Slingerland	Lantern slides	1 50
O 7299	do.	A. N. Pierson	Nursery stock	141 12
O 7300	do.	Henry A. Dreer	Seeds	8 28
O 7301	do.	University Press	Printing	2 50
O 7302	do.	P. S. Campbell	do	8 00
O 7303	do.	The Harshaw Fuller & Goodwin Co.	Potash	7 92
O 7304	do.	Rieckhoff Bakery	Food supplies	1 20
O 7305	do.	B. A. Railton Co.	do	12 10
O 7306	do.	Shultz Seed Co.	Sweet clover	15 21
O 7307	do.	R. R. Donnelley & Sons Co.	Freight	2 94
O 7308	do.	W. S. Perrine	Sulphate	150 00
O 7309	Mar. 20	Harvard College Library	Catalog cards	25 36
O 7310	do.	Mrs. E. W. Donoho	Lectures	30 00
O 7311	do.	C. A. Hughes	Traveling expense	21 84
O 7312	do.	Eberhard Faber	Office supplies	20 60
O 7313	do.	United States Blue Print Paper Co.	Office supplies	5 78
O 7314	do.	Miller-Bryant-Pierce Co.	Coupon books	50 57
O 7315	do.	Kenfell & Esser Co.	Thumb tacks	6 11
O 7316	do.	The Caldwell Co.	Mazda lamps	41 77
O 7317	do.	National Lead Co.	Lead in oil	6 75
O 7318	do.	American Radiator Co.	Radiator shields	3 16
O 7319	do.	Lewis Electric Supply Co.	Glass shade	1 50
O 7320	do.	Printograph Manufacturing Co.	Platens	4 00
O 7321	do.	The Letter Shop	Printing	1 80
O 7322	do.	Pay roll	March, 1915	50 00
O 7323	do.	Muhlemann, Elizabeth	Salary	\$50 00
O 7324	Mar. 22	E. A. Schwing	Record work	75 00
O 7325	do.	Illinois State Reformatory	Printing	66 85
O 7326	do.	Chas. G. Willoughby	Chemicals	25 44
O 7327	do.	The Western Electric Co.	Fuses and wire	44 30
O 7328	do.	Planigan-Pearson Co.	Binding	43 50
O 7329	do.	Metzler & Schafer Co.	Laboratory supplies	4 24
O 7330	do.	E. H. Sargent & Co.	Laboratory apparatus	65 62
O 7331	do.	John H. Doyle	Building material	15 55
O 7332	do.	Walker & Mulliken	Shades	16 65
O 7333	do.	G. C. Willis	General supplies	11 96
O 7334	do.	D. H. Lloyd	Blue printing	9 50
O 7335	do.	Taylor Hardware Co.	Hardware	44 98
O 7336	do.	Leavitt Mfg. Co.	Apparatus repair	15 51
O 7337	do.	The Burr Co.	Building apparatus	22 90
O 7338	do.	A. S. Nelson & Sons	Laboratory supplies	2 76
O 7339	do.	H. Swannell & Son	do	8 45
O 7340	do.	Fuller-Morrison Co.	Laboratory supplies	6 69
O 7341	do.	F. K. Robeson	Cloth	14 08
O 7342	do.	Hall Hardware Co.	Hinges	2 30
O 7343	do.	Reliable Plumbing & Heating Co.	Building material	12 67
O 7344	do.	Twin City Ice & Cold Storage Co.	Storage	30 00
O 7345	do.	The Tablet & Ticket Co.	Office supplies	2 26
O 7346	do.	Twin City Roofing Co.	Building material	24 80
O 7347	do.	Oldham Brothers	Chemicals	4 30
O 7348	do.	A. C. McClurg & Co.	Shears	4 46
O 7349	do.	Hunter Rourke & Co.	Poplar	12 65
O 7350	do.	C. A. Kiler	Repair work	1 75
O 7351	do.	Vaughans Seed Store	Seeds	4 99
O 7352	do.	J. J. Dicoct	Traveling expense	27 08
O 7353	do.	Woldenberg & Schaar	Lactodensimeters	3 86
O 7354	do.	AnSCO Co.	Prints	3 00
O 7355	do.	J. C. Thomas	Apparatus repair	2 50
O 7356	do.	W. W. Walls & Co.	Cypress	4 96
O 7357	do.	Eimer & Amend	Filter paper	4 80
O 7358	do.	Swartz Electric Co.	Electric supplies	2 25
O 7359	do.	Geo. B. Carpenter & Co.	Belt dressing	26 85
O 7360	do.	Lewis Electrical Supply Co.	Socket	1 00
O 7361	do.	The Fisher Governor Co.	Spring	1 12
O 7362	do.	The Harshaw Fuller & Goodwin Co.	Alumina oxide	17 33
O 7363	do.	McIntosh Stereopticon Co.	White wood boxes	5 40
O 7364	do.	Wilson-Maeulen Co.	Quartz pyrometer	15 30
O 7365	do.	Indian Refining Co.	Gasoline	10 75
O 7366	do.	W. F. Hardy	Nails	2 50
O 7367	do.	Eisner Grocery Co.	Food supplies	58 39
O 7368	do.	G. R. Grubb & Co.	Corn cuts	24 40
O 7369	do.	National Lead Co.	Lead in oil	3 50

## OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1915			
O 7369	Mar. 22	Fisher Farmers Grain & Coal Co.	Clover seed.	\$ 52 50
O 7370	..do..	Allison & Hadaway.	Record plates.	8 94
O 7371	..do..	The Standard Calorimeter Co.	Sodium peroxide.	22 35
O 7372	..do..	P. D. Foster.	Repair work.	8 25
O 7373	..do..	Gaylord Brothers.	Binders.	1 30
O 7374	..do..	Sharon Coal & Brick Co.	Coal.	292 50
O 7375	..do..	Tice & Lynch.	Freight.	106 40
O 7376	..do..	Chicago Fire Proof Storage Warehouse.	Storage.	3 00
O 7377	..do..	Cameron, Amberg & Co.	Printing.	79 50
O 7378	..do..	Wm. Gaertner & Co.	Laboratory cement.	2 00
O 7379	..do..	Foote Mineral Co.	Zirkite.	4 00
O 7380	..do..	General Chemical Co.	Chemicals.	124 07
O 7381	..do..	Franz A. Aust.	Traveling expense.	10 61
O 7382	..do..	The Heliotype Co.	Publications.	604 00
O 7383	..do..	Wm. Webb.	Field work.	40 82
O 7384	..do..	O. S. Watkins.	Traveling expense.	8 21
O 7385	..do..	W. G. Clark.	Lectures.	5 00
O 7386	..do..	W. W. Yapp.	Traveling expense.	7 63
O 7387	..do..	L. E. Knorr, Acting Comptroller.	Student labor.	398 03
O 7388	..do..	C. P. Eck.	Wages.	25 00
O 7389	..do..	H. H. Wilson.	..do.	25 00
O 7390	..do..	L. Stofka.	..do.	13 25
O 7391	..do..	H. H. Wilson.	..do.	5 00
O 7392	..do..	Miss N. Rechtenwalt.	..do.	2 50
O 7393	..do..	L. A. Tarkovsky.	..do.	25 00
O 7394	..do..	B. Goldberg.	..do.	25 00
O 7395	..do..	Warren C. Hawthorne.	..do.	100 00
O 7396	..do..	Dr. E. M. Heacock.	..do.	50 00
O 7397	..do..	H. C. Carothers.	..do.	75 00
O 7398	..do..	Louis Dame.	..do.	50 00
O 7399	..do..	B. O. Hartwell.	..do.	75 00
O 7400	..do..	N. A. Weldon.	..do.	50 00
O 7401	..do..	Joseph Seilin.	..do.	75 00
O 7402	..do..	W. E. Golden.	..do.	75 00
O 7403	..do..	L. A. Tarkovsky.	..do.	5 75
O 7404	..do..	H. J. McCoy.	..do.	65 00
O 7405	..do..	L. H. Norweed.	..do.	9 33
O 7406	..do..	L. A. Tarkovsky.	..do.	9 63
O 7407	..do..	L. H. Norwood.	..do.	68 18
O 7408	Mar. 23	L. E. Knorr, Acting Comptroller.	General labor.	300 66
O 7409	..do..	H. P. Kean.	Math model.	2 50
O 7410	..do..	Poehlmann Bros. Co.	Laboratory apparatus.	36 29
O 7411	..do..	Irwin Brothers.	Food supplies.	45 65
O 7412	..do..	R. C. Wagner & Son.	Coal.	23 52
O 7413	..do..	Judy's Sales Barn.	Service.	2 50
O 7414	..do..	Harshaw, Fuller & Goodwin Co.	White lead.	7 13
O 7415	..do..	The Taylor Chemical Co.	Carbon sulphide.	4 00
O 7416	..do..	Soft Water Laundry Co.	Laundry.	2 86
O 7417	..do..	The J. B. Ford Co.	Soda ash.	14 70
O 7418	..do..	Geuder, Paeschke & Frey Co.	Milk pails.	5 88
O 7419	..do..	Blanke Mfg. & Supply Co.	Pint boxes.	8 80
O 7420	..do..	Warner Jenkinson Co.	Cans.	11 76
O 7421	..do..	Creameans & Colson.	Horseshoes.	1 00
O 7422	..do..	W. S. Griffith.	Corn.	4 00
O 7423	..do..	Stearnes Steel Range Co.	Apparatus repair.	14 30
O 7424	..do..	Rogers & Hall Co.	Annual register.	1,058 75
O 7425	..do..	Albert Pick & Co.	Napkins.	33 24
O 7426	..do..	R. J. Farquhar & Co.	Flower seeds.	22 97
O 7427	..do..	John McCullough.	Sundries.	20 00
O 7428	..do..	The Mt. Hope Cemetery Assn.	Rent.	15 00
O 7429	..do..	Baker & Co.	Platinum wire.	1 32
O 7430	Mar. 26	B. A. Strauch.	Prints.	1 97
O 7431	..do..	E. H. Sargent & Co.	Sodium lactate.	2 50
O 7432	..do..	L. V. Walcott.	Services.	30 00
O 7433	..do..	C. E. Lucas.	..do.	8 25
O 7434	..do..	E. W. Bailey.	Traveling expense.	10 13
O 7435	..do..	High School Life.	Advertising.	5 00
O 7436	..do..	Democrat Printing Co.	Pamphlet case.	100 00
O 7437	..do..	Illinois Steel Co.	Freight.	4 56
O 7438	..do..	Crerar, Adams & Co.	Steel tubing.	55 41
O 7439	..do..	Electric Appliance Co.	Copper wire.	28 26
O 7440	..do..	DeKalb County Soil Improvement Assn.	Seed corn.	4 25
O 7441	..do..	John A. Salzer Seed Co.	Seeds.	21 13
O 7442	..do..	The Randle Clay Mining Co.	Clay.	4 90
O 7443	..do..	George Taylor.	Poultry.	5 00
O 7444	..do..	The Frederick Post Co.	Sepla paper.	5 39
O 7445	..do..	H. C. Taylor.	Wheat straw.	96 11
O 7446	..do..	Pantagraph Printing & Stationery Co.	Office supplies.	102 58
O 7447	..do..	C. S. Hill.	Piano tuning.	4 50

## OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
<b>1915</b>				
O 7448	Mar. 26	Corbin Cabinet Lock Co.	Padlocks.	\$ 77 27
O 7449	..do.	Stafford Engraving Co.	Zinc etchings.	30 75
O 7450	..do.	The Lunkenheimer Co.	Brass valve.	2 98
O 7451	..do.	Powers & Powers.	Jars.	5 00
O 7452	..do.	Felt & Tarrant Mfg. Co.	Comtometer repair.	49 40
O 7453	..do.	Harshaw, Fuller & Goodwin Co.	Bichromate soda.	43 00
O 7454	..do.	Laclede Christy Clay Products Co.	Tile.	30 00
O 7455	..do.	Indianapolis Paint & Color Co.	Graphite.	88 09
O 7456	..do.	Home Telephone Co.	Toll.	100 00
O 7457	..do.	Jos. Gilott & Sons.	Office supplies.	5 55
O 7458	..do.	Shavings & Sawdust Co.	Shavings.	102 36
O 7459	..do.	Universal Sales Co.	Gem clips.	1 40
O 7460	..do.	E. M. Pickens.	Services.	10 00
O 7461	..do.	James M. White.	Traveling expense.	4 30
O 7462	..do.	Twin City Ice & Cold Storage Co.	Ice.	12 00
O 7463	..do.	Hazel-Atlas Glass Co.	Jars.	10 99
O 7464	..do.	Champaign Ice Creamery Co.	Gelatine.	3 60
O 7465	..do.	J. O. Toland.	Potatoes.	10 40
O 7466	..do.	Central Scientific Co.	Binding posts.	1 92
O 7467	..do.	Fuller-Morrisson Co.	Peroxide.	4 70
O 7468	..do.	Sweet, Wallach & Co.	Portrait films.	3 91
O 7469	..do.	J. M. Thorburn & Co.	Seeds.	1 15
O 7470	..do.	W. Atlee Burree & Co.	Seeds.	31 18
O 7471	..do.	Northrup, King & Co.	Alfalfa.	1 09
O 7472	..do.	Mark Mfg. Co.	Steel unions.	1 50
O 7473	..do.	S. M. Braden.	Rent.	117 60
O 7474	..do.	McKey & Poague.	..do.	500 00
O 7475	..do.	J. E. Morgan.	Wages.	15 00
O 7476	..do.	Lavina Dille.	..do.	60 00
O 7477	..do.	Mrs. Louise Redman.	..do.	60 00
O 7478	..do.	Mrs. Lizzie Shue.	..do.	40 00
O 7479	..do.	Mrs. May Kramer.	..do.	45 00
O 7480	..do.	Mrs. A. D. Horn.	..do.	35 00
O 7481	..do.	Ora B. Castle.	..do.	50 00
O 7482	..do.	John Dalfrey.	..do.	75 00
O 7483	..do.	Hazel Clemence.	..do.	65 00
O 7484	..do.	Kelley, J. R.	..do.	65 00
O 7485	..do.	Lawrence Nesbit.	..do.	55 00
O 7486	..do.	Jeanette Craigmile.	..do.	50 00
O 7487	..do.	Alice Reed.	..do.	60 00
O 7488	..do.	W. W. Miller.	..do.	75 00
O 7489	..do.	R. M. Ross.	..do.	80 00
O 7490	..do.	Sadie Jones.	..do.	50 00
O 7491	..do.	Clyde Hamlinn.	..do.	60 00
O 7492	..do.	Hiram Hamlin.	..do.	55 00
O 7493	..do.	W. T. Marsh.	..do.	50 00
O 7494	..do.	C. F. Harding.	..do.	100 00
O 7495	..do.	Albert Bradford.	..do.	50 00
O 7496	..do.	Earl Meenach.	..do.	70 00
O 7497	..do.	Pay roll.	March, 1915.	2,780 83
		Argo, Roy.	Salary.	\$ 55 00
		Barto, Mrs. D. O.	..do.	20 00
		Chaplin, Ralph.	..do.	60 00
		Engle, W. J.	..do.	75 00
		Hampton, W. J.	..do.	75 00
		Hough, William.	..do.	83 33
		McMillen, Mary B.	..do.	50 00
		McQueen, Harry D.	..do.	55 00
		Mink, George.	..do.	50 00
		Patterson, Will.	..do.	50 00
		Pine, Fred.	..do.	80 00
		Pritchard, R.	..do.	65 00
		Pritchard, H.	..do.	70 00
		Rhoads, Hazel.	..do.	60 00
		Rohweder, Emma.	..do.	40 00
		Rose, M. D.	..do.	55 00
		Sanders, Frank.	..do.	50 00
		Sprinkle, D. C.	..do.	50 00
		Stivers, Moses.	..do.	50 00
		Stoneburner, A. J.	..do.	50 00
		Bote, George S.	..do.	80 00
		Brentlinger, Emmett P.	..do.	50 00
		Brooks, D. T.	..do.	50 00
		Brown, Earl R.	..do.	45 00
		Brown, Walter E.	..do.	50 00
		Campbell, Charles A.	..do.	65 00
		Carr, Thos. D. T.	..do.	50 00
		Chapman, Claude C.	..do.	100 00
		Dillion, Jasper.	..do.	55 00



## OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
O 7497	1915			
	Mar. 26	Dunlap, Burleigh H.	Salary	\$ 70 00
Cld.		Engle, Lawrence	do.	25 00
		Flocken, John B.	do.	65 00
		Gregory, Owen E.	do.	50 00
		Harry, Wilson L.	do.	100 00
		Hunter, Lewis A.	do.	80 00
		Jones, William C.	do.	75 00
		Lowe, Lucy	do.	45 00
		McKendrick, Robert	do.	55 00
		Mapes, Morallo H.	do.	50 00
		Miller, Homer O.	do.	47 50
		Pollard, Charles	do.	50 00
		Procise, Fred R.	do.	50 00
		Sharp, Ethel	do.	50 00
		Tornquist, Andrew	do.	75 00
		Utterback, Hugh	do.	45 00
		Utterback, L.	do.	50 00
		Whitmire, James S.	do.	60 00
		Zachmire, Claude E.	do.	50 00
O 7498	Mar. 27	Bernice Wilson	Wages	\$ 45 00
O 7499	do.	Florence H. Churton	do.	40 00
O 7500	do.	E. K. Augustus	do.	70 00
O 7501	do.	Fred J. Blackburn	do.	60 00
O 7502	do.	C. A. Hughes	do.	50 00
O 7503	do.	H. A. Cate	do.	70 00
O 7504	do.	Earl Garver	do.	65 00
O 7505	do.	Chas. B. Price	do.	60 00
O 7506	do.	C. G. Cox	do.	60 00
O 7507	do.	H. C. Lawson	do.	60 00
O 7508	do.	C. L. Reisner	do.	60 00
O 7509	do.	E. S. Dunham	do.	60 00
O 7510	do.	G. S. Beaumont	do.	60 00
O 7511	do.	B. R. Manley	do.	55 00
O 7512	do.	R. H. Hadley	do.	55 00
O 7513	do.	J. C. Anderson	do.	70 00
O 7514	do.	F. C. Richey	do.	60 00
O 7515	do.	T. R. Shiveley	do.	60 00
O 7516	do.	W. L. Bennett	do.	75 00
O 7517	do.	Robert Stark	do.	100 00
O 7518	do.	Florence Storutzenberg	do.	25 00
O 7519	do.	H. E. Lidster	do.	45 00
O 7520	do.	Ralph Engle	do.	30 00
O 7521	do.	Hiram Williamson	do.	50 00
O 7522	do.	E. H. Jenkins	do.	60 00
O 7523	do.	George C. Jensen	do.	60 00
O 7524	do.	Sena Williford	do.	60 00
O 7525	do.	Daisy O. Swearingen	do.	50 00
O 7526	Mar. 29	Thos. J. Dee & Co.	Laboratory apparatus	236 89
O 7527	do.	Ahrens & Schreiner	Food supplies	2 67
O 7528	do.	Physicians' Supply & Drug Co.	Laboratory supplies	13 12
O 7529	do.	The Western Electric Co.	Electrical supplies	7 46
O 7530	do.	V. Mueller & Co.	Films and tubes	240 35
O 7531	do.	Western Lumber Co.	Lumber	12 91
O 7532	do.	Maas Brothers	Building supplies	38 60
O 7533	do.	Pittsburgh Plate Glass Co.	Glass	15 71
O 7534	do.	Fuller-Morrison Co.	Chemicals	73 87
O 7535	do.	Arthur Ochs	Rabbits	36 00
O 7536	do.	Commonwealth Edison Co.	Meter reading	243 72
O 7537	do.	Illinois Malleable Iron Co.	Machinery	2 70
O 7538	do.	Hamblin Plumbing Co.	Plumbing	25 25
O 7539	do.	J. M. Hanson-Bennett Magazine Agency	Journals	66 15
O 7540	do.	C. L. Frame Dental Supply Co.	Laboratory supplies	21 38
O 7541	do.	Marshall Field & Co.	Laboratory apparatus	2 84
O 7542	do.	L. D. Sease	Lectures	17 50
O 7543	do.	Olive Percival	Services	100 00
O 7544	do.	Barron Bros. Coal Co.	Oats	2 01
O 7545	do.	Mechanical Rubber Co.	Spring rubber	1 65
O 7546	do.	Harms & Schueber	Carrots	5 00
O 7547	do.	Whitall Tatum Co.	Punches	2 43
O 7548	do.	Liquid Carbonic Co.	Gas	3 00
O 7549	do.	Bausch & Lomb Optical Co.	Dishes	4 20
O 7550	do.	Geo. E. Booman	Cash slips	13 75
O 7551	do.	High School Life	Advertising	8 00
O 7552	do.	Roithschild & Co.	Cloth	3 75
O 7553	do.	Garden City Sand Co.	Cement	1 40
O 7554	do.	Stromberg Carlson Telephone Mfg. Co.	Telephone repair	5 63
O 7555	do.	Kasen's Express & Van Co.	Freight	6 40
O 7556	do.	F. J. Burns & Co.	Live frogs	16 20
O 7557	do.	The Cudahy Packing Co.	Janitors' supplies	10 00

## OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
1915				
O 7558	Mar. 29	Dearborn Chemical Co.	Grease	\$ 3 75
O 7559	..do.	John Becker	Guinea pigs and rabbits	15 00
O 7560	..do.	S. M. Braden	Field work	228 39
O 7561	..do.	R. E. Hieronymus	Traveling expense	42 04
O 7562	..do.	W. H. Smith	..do.	4 35
O 7563	..do.	Franz A. Aust	..do.	44 54
O 7564	..do.	J. J. Didcott	..do.	22 90
O 7565	..do.	Garton Cooper Seed Co.	Oats	1 75
O 7566	..do.	H. Swannell & Son	Cod liver oil	2 00
O 7567	..do.	D. T. Dobbins	Labor	2 10
O 7568	..do.	Warren H. Manning	Blue printing	2 00
O 7569	..do.	The Livingston Seed Co.	Potatoes	13 60
O 7570	..do.	L. E. Moore	Labor	42 50
O 7571	..do.	Hoffman & Kropff Chemical Co.	Acetamide	4 35
O 7572	..do.	Wood Products Co.	Alcohol	4 45
O 7573	..do.	J. T. Baker Chemical Co.	Chloride	3 92
O 7574	..do.	New York & New Jersey Lubricant Co.	Oil	13 07
O 7575	..do.	Spencer Lens Co.	Slides	36 32
O 7576	..do.	Robt. W. Paul	Apparatus repairs	14 30
O 7577	..do.	Weiland & Risch	Nursery stock	14 00
O 7578	..do.	Wm. Sellers & Co.	Diaphragms	2 55
O 7579	..do.	The American Multigraph Sales Co.	Pica type	6 13
O 7580	..do.	L. L. Olds Seed Co.	Oats	1 38
O 7581	..do.	Corbin Cabinet Lock Co.	Keys	3 33
O 7582	..do.	Lowenstein-Meis Co.	Linen	3 75
O 7583	..do.	Frederick Post Co.	Campus plat	24 26
O 7584	..do.	Crucible Steel Co.	Steel	2 59
O 7585	..do.	Machinist Supply Co.	Screws	2 47
O 7586	..do.	Illinois Steel Co.	Nickel steel	1 42
O 7587	..do.	J. T. Ryerson & Son	Steel	1 61
O 7588	..do.	E. H. Sargent & Co.	Chemicals	40 45
O 7589	..do.	Eimer & Amend	Canvas belt	15 05
O 7590	..do.	Eisner Grocery Co.	Laboratory supplies	181 34
O 7591	..do.	G. Cramer Dry Plate Co.	Blue printing	16 26
O 7592	..do.	B. A. Strauch	..do.	3 85
O 7593	..do.	Illinois State Penitentiary	Brooms	1 30
O 7594	..do.	Forest Mock	Wages	50 00
O 7595	..do.	Marion E. Sparks	..do.	60 00
O 7596	..do.	C. A. Brumley	..do.	59 40
O 7597	..do.	K. Hathaway	..do.	50 00
O 7598	..do.	A. O. Magnuson	..do.	80 00
O 7599	..do.	Kelsey B. Gardner	..do.	65 00
O 7600	..do.	E. W. Mattoon	Student	60 00
O 7601	..do.	Watson Faulkner	Oil	3 00
O 7602	..do.	Metzler & Schafer Co.	Laboratory supplies	6 55
O 7603	..do.	W. Lewis & Co.	Bowls and strainer	3 95
O 7604	..do.	Creamery Package Mfg. Co.	Gaskets	8 44
O 7605	..do.	Twin City Ice & Cold Storage Co.	Ice	24 00
O 7606	..do.	Twin City Roofing Co.	Roofing	3 75
O 7607	..do.	Knowlton & Bennett	Stain and enamel	2 00
O 7608	..do.	Funk Bros. Seed Co.	Seed	7 00
O 7609	..do.	P. S. Campbell	Printing	5 50
O 7610	..do.	Percival & Moorehead	Brushes	1 00
O 7611	..do.	S. E. Huff & Co.	Coal	18 30
O 7612	..do.	F. M. Foltz	New shoes	2 00
O 7613	..do.	Oldham Brothers	Oil	24 10
O 7614	..do.	The University Press	Printing	2 50
O 7615	..do.	Champaign Steam Laundry	Laundry	6 97
O 7616	..do.	Reliable Plumbing & Heating Co.	Brass ellis	3 30
O 7617	..do.	Miller Harness Co.	Hitch rein	5 50
O 7618	..do.	Hunter Rourke & Co.	Stakes	20 00
O 7619	..do.	Central Electric Co.	Sockets	3 42
O 7620	..do.	Champaign Seed Co.	Gran. bone	10 50
O 7621	..do.	The Tablet & Ticket Co.	Office box	4 51
O 7622	..do.	Flanigan-Pearson Co.	Printing	76 43
O 7623	..do.	Vaughans Seed Store	General supplies	22 35
O 7624	..do.	D. H. Lloyd	Blue printing	11 44
O 7625	..do.	F. K. Robeson	Toweling	34 00
O 7626	..do.	Indian Refining Co.	Gasoline	4 75
O 7627	..do.	Hall Hardware Co.	Mouse traps	1 80
O 7628	..do.	L. E. Knorr Acting Comptroller	Student labor	293 97
O 7629	..do.	L. E. Knorr, Acting Comptroller	General labor	193 71
O 7630	Mar. 30	Oxweld Acetylene Co.	Iron rods	1 41
O 7631	..do.	G. A. Goodenough	Traveling expense	22 30
O 7632	..do.	H. A. Hollister	..do.	24 80
O 7633	..do.	Eugene Dietzgen Co.	B. P. paper	4 03
O 7634	..do.	Simplex Electric Heating Co.	Thermostat	5 00
O 7635	..do.	J. C. Thomas	Wire	17 00
O 7636	..do.	Homer C. Taylor	Wheat straw	34 08

## OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1915			
O 7637	Mar. 30	H. Swannell & Son.	Laboratory supplies.	\$ 9 00
O 7638	..do..	P. S. Campbell.	Printing.	7 75
O 7639	..do..	W. D. Messinger & Co.	Sales record ledger.	3 13
O 7640	..do..	Donald A. Grossman.	Traveling expense.	27 75
O 7641	..do..	F. B. Leonard, Jr.	..do..	26 95
O 7642	Mar. 31	R. S. Zeitler.	Wages.	65 00
O 7643	..do..	J. J. Sloyan.	..do..	84 00
O 7644	..do..	Flanigan-Pearson Co.	Printing.	249 65
O 7645	..do..	The Burr Co.	Building material.	5 40
O 7646	..do..	E. H. Sargent & Co.	Laboratory supplies.	19 88
O 7647	..do..	F. K. Robeson.	Cheesecloth.	6 80
O 7648	..do..	University of Illinois Supply Store.	Office supplies.	2 85
O 7649	..do..	B. F. Stevenson & Son.	Flour.	1 38
O 7650	..do..	Taylor Hardware Co.	General supplies.	35 25
O 7651	..do..	John H. Doyle.	..do..	1 60
O 7652	..do..	Irving Pitt Mfg. Co.	Office supplies.	2 98
O 7653	..do..	Eisher Grocery Co.	Ivory soap.	3 92
O 7654	..do..	Champaign Seed Co.	Oats.	4 14
O 7655	..do..	Ludlow Elevator Co.	Clover seed.	33 25
O 7656	..do..	The John Sant & Sons Co.	Kaolin.	19 30
O 7657	..do..	Brandywine, Summit, Kaolin & Feldspar Co.	Potash.	6 50
O 7658	..do..	Public School Publishing Co.	Printing.	6 25
O 7659	..do..	C. M. Parker.	Advertising.	16 30
O 7660	Apr. 2	Pay roll.	March, 1915.	4,522 14
		Atwell, W. M.	Salary.	\$ 66 78
		Bailey, J. E.	..do..	66 99
		Boyer, George W.	..do..	60 27
		Brown, Harry.	..do..	63 21
		Brown, Basil.	..do..	81 12
		Bullock, David M.	..do..	75 21
		Butler, T.	..do..	66 93
		Carson, Rolla S.	..do..	59 00
		Ceduskey, John.	..do..	79 20
		Cheever, John W.	..do..	54 80
		Collins, Albert L.	..do..	60 60
		Crawford, Roy W.	..do..	55 20
		Cunningham, F.	..do..	76 50
		Davis, Joseph.	..do..	71 61
		English, Benjamin F.	..do..	65 09
		Fay, T. J.	..do..	96 10
		Fender, Louis.	..do..	66 00
		Fiscus, J. J.	..do..	66 01
		Fox, Felix.	..do..	61 20
		Fogarty, F.	..do..	55 86
		Fogarty, W.	..do..	55 20
		Freeman, C. Y.	..do..	63 00
		Franklin, Thomas F.	..do..	64 68
		Graybeal, W. H.	..do..	65 31
		Hamlin, Sell.	..do..	51 00
		Hanson, S.	..do..	71 25
		Hargan, E.	..do..	70 28
		Heinz, Luke T.	..do..	62 00
		Henderson, T. O.	..do..	109 44
		Hixon, W. G.	..do..	53 20
		Hoover, Frederick F.	..do..	63 36
		Hutton, Ross.	..do..	67 39
		Irvine, F.	..do..	77 14
		Irvine, James.	..do..	55 86
		Johnson, Charles.	..do..	63 00
		Jones, Mrs. Margaret.	..do..	45 90
		Justus, E. W.	..do..	108 00
		Langhoff, F.	..do..	70 38
		Lewis, E. C.	..do..	50 82
		Litton, A. C.	..do..	62 79
		Long, John F.	..do..	81 84
		Long, Thomas.	..do..	79 38
		Mahorney, H. H.	..do..	65 32
		Murphy, Ruthe.	..do..	62 64
		Meneely, Dan.	..do..	63 48
		Miller, C. M.	..do..	58 17
		Moore, P. O.	..do..	51 20
		Morgan, Mrs. Rebecca.	..do..	45 90
		Moran, A.	..do..	69 00
		McAllister, A. J.	..do..	76 56
		McCullough, James.	..do..	62 70
		McClughen, Mrs. F. E.	..do..	45 90
		Newton, J. R.	..do..	61 44
		Peterson, Nick.	..do..	52 20

## OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
O 7660	1915 Apr. Cld.	Perry, F. M.	Salary.	\$ 64 86
		Furkins, J. F.	do.	62 04
		Richards, E.	do.	104 16
		Ryan, Mary E.	do.	45 90
		Servis, A.	do.	79 35
		Snyder, J. C.	do.	55 96
		Stateler, F.	do.	71 72
		Stearns, Lee M.	do.	60 06
		Thomson, Herman L.	do.	57 20
		Tillotson, L. F.	do.	65 09
		Toy, George.	do.	66 70
		Turner, George.	do.	68 08
		Wharmby, Ed.	do.	71 53
		Wilde, William.	do.	96 10
O 7661	do.	Pay roll.	March, 1915.	\$2,005 98
		Begley, John.	Salary.	\$64 23
		Browning, J. E.	do.	62 00
		Carothers, Covilla.	do.	54 00
		Cagann, Carl.	do.	64 58
		Cassidy, James T.	do.	49 60
		Clark, Bert.	do.	58 28
		Craig, J. D.	do.	23 60
		Crump, Frank.	do.	63 80
		Felgner, M.	do.	54 80
		Fechtrup, Herman.	do.	62 00
		Glenn, V. S.	do.	54 60
		Johnson, A. L.	do.	42 80
		Johns, E.	do.	55 00
		Kenney, T. J.	do.	72 63
		Kliem, J. A. J.	do.	71 61
		Kriegel, Otto.	do.	24 40
		Mathews, Thurman R.	do.	59 60
		Mendenhall, Oscar L.	do.	47 00
		Moody, D. L.	do.	58 80
		McDaniel, B. F.	do.	52 20
		McFadden, W. J.	do.	41 00
		McFarland, W. J.	do.	59 80
		Neblock, Carl.	do.	39 55
		Ollis, C. M.	do.	62 00
		Palfroyman, Richard A.	do.	53 20
		Presson, Edwin W.	do.	52 00
		Prevett, W. C.	do.	55 60
		Robbins, Gilbert.	do.	37 60
		Smock, Lloyd H.	do.	62 00
		Strum, Gus.	do.	67 50
		Swearingen, Henry O.	do.	46 80
		Tatlock, Roy.	do.	27 00
		Utterback, Oliver J.	do.	56 20
		Wells, T. E.	do.	53 20
		Wiltz, Frank A.	do.	85 00
		Wingler, Walter.	do.	62 00
O 7662	do.	M. C. Weaver.	Wages.	81 00
O 7663	do.	A. L. Stoltzfus.	do.	48 00
O 7664	do.	Bernard Harrington.	do.	60 00
O 7665	do.	Hazel L. Rock.	do.	50 00
O 7666	do.	A. L. Shriver.	do.	55 44
O 7667	do.	E. G. Johnson.	do.	33 05
O 7668	do.	H. M. Harper.	do.	23 40
O 7669	do.	H. Jessen.	do.	28 63
O 7670	do.	Frank Leggett.	do.	24 40
O 7671	do.	Floyd Carter.	do.	29 10
O 7672	do.	A. C. Hammond.	do.	31 00
O 7673	do.	E. W. Hitchcock.	do.	14 00
O 7674	do.	K. E. Geisendorfer.	do.	32 80
O 7675	do.	Roy Cooley.	do.	18 30
O 7676	do.	I. W. Traxler.	do.	22 40
O 7677	do.	P. A. Nowlen.	do.	12 30
O 7676	do.	C. Jessen.	do.	23 60
O 7679	do.	H. H. Harris.	do.	23 56
O 7680	Apr. 5	V. E. Spencer.	Traveling expense.	23 30
O 7681	do.	Frank Turner.	do.	39 51
O 7682	do.	H. A. Cate.	do.	18 30
O 7683	do.	W. H. Smith.	do.	17 50
O 7684	do.	N. M. Barnes.	do.	7 84
O 7685	do.	Ross F. Lockridge.	do.	9 82
O 7686	do.	J. M. Cochran.	do.	30 35
O 7687	do.	H. W. Bye.	do.	29 47
O 7688	do.	M. H. Campbell.	do.	39 71
O 7689	do.	Frank Morgan.	Field work.	9 00

## OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1915			
O 7690	Apr. 5	Harrison Fahrnkopf	Traveling expense	\$ 5 01
O 7691	..do..	Wm. Powell	Field work	21 87
O 7692	..do..	C. C. Logan	Traveling expense	16 40
O 7693	..do..	N. W. Hepburn	..do..	19 13
O 7694	..do..	L. R. Lang	..do..	15 34
O 7695	..do..	Edw. A. Schwing	..do..	4 40
O 7696	..do..	John M. Snodgrass	..do..	6 44
O 7697	..do..	Bertram Abney	..do..	8 13
O 7698	..do..	Cecil Baker	Lectures	30 00
O 7699	..do..	Fannie Brooks	..do..	60 00
O 7700	..do..	H. P. Rusk	Traveling expense	5 11
O 7701	..do..	H. A. Hollister	..do..	21 47
O 7702	..do..	J. J. Didecott	..do..	22 11
O 7703	..do..	O. S. Watkins	..do..	16 35
O 7704	..do..	E. R. Green	..do..	14 54
O 7705	..do..	Maudie Campbell	Wages	50 75
O 7706	..do..	Charles Wheatcraft	..do..	50 00
O 7707	..do..	E. S. Axline	..do..	30 15
O 7708	..do..	W. F. Campbell	..do..	14 85
O 7709	..do..	H. C. Eckstein	..do..	75 00
O 7710	..do..	R. A. Nelson	..do..	75 00
O 7711	..do..	A. Semple	..do..	20 47
O 7712	..do..	H. W. Shonle	..do..	19 50
O 7713	..do..	M. E. Slater	..do..	44 10
O 7714	Apr. 6	L. E. Knorr, Acting Comptroller	General labor	553 05
O 7715	..do..	L. E. Knorr, Acting Comptroller	Student labor	963 43
O 7716	..do..	Westinghouse Electric & Mfg. Co.	Electric repairs	11 11
O 7717	..do..	G. R. Grubb & Co.	Printing	4 50
O 7718	..do..	The Letter Shop	Multigraphing	4 70
O 7719	..do..	Williams Brothers	Varnish	3 80
O 7720	..do..	Harry Herrick	Machinery repairs	24 40
O 7721	..do..	C. W. Woolbert	Traveling expense	31 54
O 7722	..do..	J. B. Marshall	Field work	116 93
O 7723	..do..	H. C. Lawson	Traveling expense	11 42
O 7724	..do..	C. E. Goodman	..do..	54 86
O 7725	..do..	R. H. Hadley	..do..	5 93
O 7726	..do..	S. B. Trippett	Services	37 50
O 7727	..do..	Adrian Ton	..do..	37 50
O 7728	..do..	C. P. Datz	..do..	75 00
O 7729	..do..	Jones & Laughlin Steel Co.	Rivets	1 88
O 7730	..do..	Central Electric Co.	Lamps	3 07
O 7731	..do..	Young Women's Christian Assn.	Traveling expense	5 00
O 7732	..do..	Anna Barrows	Lectures	50 00
O 7733	..do..	Jos. Gilloft & Sons	Office supplies	6 67
O 7734	..do..	Kenfel & Esser Co.	Office supplies	5 56
O 7735	..do..	National Blank Book Co.	Books	29 53
O 7736	..do..	Underwood Typewriter Co.	Stencil paper	48 00
O 7737	..do..	American Clip Co.	Clips	5 60
O 7738	..do..	Machinist Supply Co.	Ball bearings	1 83
O 7739	..do..	Wenner & Schweinsberg	Leather	1 20
O 7740	..do..	H. W. Johns-Manville Co.	Transite	2 00
O 7741	..do..	Illinois State Penitentiary	Brooms	29 50
O 7742	..do..	A. J. Nickerson	Wages	60 00
O 7743	..do..	Asa Engelston	..do..	28 31
O 7744	..do..	Ida Luther	..do..	53 75
O 7745	..do..	Fred Wilde	..do..	62 13
O 7746	..do..	Mark Small	..do..	60 00
O 7747	..do..	J. W. Rhinesmith	..do..	45 83
O 7748	..do..	C. R. Nilsson	..do..	60 30
O 7749	Apr. 7	John Reichard	Grain	958 97
O 7750	..do..	Weimer & Schweinsberg	General supplies	8 90
O 7751	..do..	Corbin Cabinet Lock Co.	Padlocks	18 44
O 7752	..do..	Jno. B. Bennett	Repair work	109 52
O 7753	..do..	The Burr Co.	Building material	17 11
O 7754	..do..	Champaign Seed Co.	Seed and meal	17 60
O 7755	..do..	Eisner Grocery Co.	Food supplies	3 78
O 7756	..do..	Chas. A. Hall Hardware Co.	Hooks and hose	9 00
O 7757	..do..	S. E. Huff & Co.	Lumber	88 55
O 7758	..do..	Illinois State Reformatory	Printing	92 00
O 7759	..do..	C. A. Kiler	Seats and mirror	4 45
O 7760	..do..	Leavitt Mfg. Co.	Pipe and coke	11 13
O 7761	..do..	F. K. Robeson	Tumblers and towels	14 76
O 7762	..do..	D. H. Lloyd	Blue printing	4 78
O 7763	..do..	H. Swannell & Son	Paints	8 55
O 7764	..do..	L. C. Smith & Bros.	Rent	45 50
O 7765	..do..	B. F. Stevenson & Son	Laboratory supplies	1 82
O 7766	..do..	B. A. Strauch	Prints	14 75
O 7767	..do..	E. H. Sargent & Co.	Chemicals	45 51
O 7768	..do..	Taylor Hardware Co.	Building material	62 39

## OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
1915				
O 7769	Apr. 7	Twin City Roofing Co.	Building apparatus.	\$ 20 40
O 7770	do.	The Wing Seed Co.	Alfalfa.	110 40
O 7771	do.	C. W. Wray.	Traveling expense.	13 43
O 7772	do.	L. C. Irwin.	do.	7 54
O 7773	do.	Fiske Allen.	do.	3 60
O 7774	do.	H. W. Holland.	do.	16 58
O 7775	do.	Frank W. Farley.	do.	21 36
O 7776	do.	R. S. Dunham.	do.	6 34
O 7777	do.	G. S. Beaumont.	do.	16 73
O 7778	do.	F. W. Wascher.	do.	36 71
O 7779	do.	R. W. Dickenson.	do.	50 14
O 7780	do.	Ayreshire Breeders' Assn.	Sundries.	15 00
O 7781	do.	Alexander Lumber Co.	Shavings.	2 00
O 7782	do.	The Almo Mfg. Co.	Iron pulley.	2 55
O 7783	do.	E. C. Adjustable Marker Co.	Marker.	1 00
O 7784	do.	American Multigraph Sales Co.	Seagment and tool.	1 81
O 7785	do.	American Hereford Cattle Breeders Assn.	Regular certificate.	5 00
O 7786	do.	American Pharmaceutical Assn.	Advertising.	9 00
O 7787	do.	H. F. Bremer.	Repair work.	38 32
O 7788	do.	Jos. Breck & Sons.	Shears.	4 20
O 7789	do.	J. T. Baker Chemical Co.	Chemicals.	2 70
O 7790	do.	Atlas Ball Co.	Steel balls.	1 61
O 7791	do.	A. H. Barber Creamery Co.	Wrappers.	8 00
O 7792	do.	Bausch & Lomb Optical Co.	Cases.	3 46
O 7793	do.	G. Cramer Dry Plate Co.	General supplies.	35 00
O 7794	do.	Central Scientific Co.	Aluminum.	5 00
O 7795	do.	H. I. Carpenter.	Piano tuning.	4 50
O 7796	do.	Cremenns & Colson.	Repair work.	14 00
O 7797	do.	Eugene Dietzgen Co.	Drawing paper.	16 80
O 7798	do.	Eimer & Amend.	Alkaloid.	2 56
O 7799	do.	The Esterline Co.	Office supplies.	1 25
O 7800	do.	The Elliott Co.	Stencils.	3 41
O 7801	do.	The Electrical Alloy Co.	Wire.	1 09
O 7802	do.	Charles D. Ettinger.	Live stock.	45 00
O 7803	do.	C. C. Ferguson.	Horseshoes.	2 00
O 7804	do.	The Frederick Post Co.	Drawing paper.	12 72
O 7805	do.	Federal Steel Fixture Co.	Gauge.	29 40
O 7806	do.	French Batter & Carbon Co.	Battery.	2 00
O 7807	do.	B. A. Grasberger & Co.	Dishes.	52 50
O 7808	do.	Fred C. Hubbard.	Food supplies.	18 00
O 7809	do.	W. D. Hickok Mfg. Co.	Bronze pens.	3 07
O 7810	do.	R. F. Hildebrand.	Prints.	8 00
O 7811	do.	Houser & Sutton.	Clover hay.	199 82
O 7812	do.	L. K. Howse.	Seed potatoes.	8 70
O 7813	do.	Inman Hotel.	Traveling expense.	6 75
O 7814	do.	International Press Clipping Bureau.	Clipping service.	5 00
O 7815	do.	Illinois Steel Co.	Steel.	32 45
O 7816	do.	H. W. Johns-Manville Co.	Batteries.	2 94
O 7817	do.	Martin Metz.	Wagon reaches.	15 00
O 7818	do.	National Biscuit Co.	Food supplies.	2 98
O 7819	do.	Geo. Murphy.	General supplies.	13 75
O 7820	do.	Machinist Supply Co.	Rules and cans.	15 43
O 7821	do.	A. C. McClurg & Co.	Office supplies.	4 83
O 7822	do.	Miller Harness Co.	Field books.	9 00
O 7823	do.	Library Bureau.	Tin trays.	3 11
O 7824	do.	A. C. Litton.	Sausage.	2 93
O 7825	do.	The Linde Air Products Co.	Oxygen.	1 50
O 7826	do.	The Letter Shop.	Printing.	5 55
O 7827	do.	F. M. Leslie.	Moulding.	3 65
O 7828	do.	Oldham Brothers.	Vaseline.	1 10
O 7829	do.	Poehlmann Bros Co.	Ivy and fern.	3 50
O 7830	do.	Rand, McNally & Co.	Map of Illinois.	1 35
O 7831	do.	The Rhode Island Brush Co.	Brushes.	16 00
O 7832	do.	The Ronald Press Co.	Journal.	2 50
O 7833	do.	Remington Typewriter Co.	Cylinder repairs.	3 00
O 7834	do.	School Science & Mathematics.	Advertising.	4 00
O 7835	do.	Royal A. Stipes.	Sand.	6 00
O 7836	do.	Chas. A. Schieren Co.	Belting.	42 90
O 7837	do.	The Standard Calorimeter Co.	Wire.	2 05
O 7838	do.	Scot Paper Co.	Office supplies.	23 61
O 7839	do.	Siemens & Halske, A. G.	Repair work.	6 40
O 7840	do.	Twin City Creamery Co.	Salt.	2 30
O 7841	do.	University of Illinois Supply Store.	Office supplies.	4 14
O 7842	do.	United States Blue Print Paper Co.	Drawing boards.	24 00
O 7843	do.	Ward's National Science Establishment.	Pins.	10 16
O 7844	do.	Vaughans Seed Store.	Seeds.	7 81
O 7845	do.	Westinghouse Electric & Mfg. Co.	Repair work.	18 91
O 7846	do.	Weston Electric Instrument Co.	Voltmeter repair.	4 65

## OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
<b>1915</b>				
O 7847	Apr. 7	Westinghouse Electric & Mfg. Co., East Pittsburgh, Pa.	Arresters.	\$ 15 40
O 7848	..do...	Ward Brothers.	Binders.	4 80
O 7849	..do...	Whitall Tatum Co.	Homeos.	2 12
O 7850	..do...	Edward Smith & Co.	Shellac.	34 56
O 7851	..do...	Geo. B. Carpenter & Co.	Saw blades.	6 29
O 7852	..do...	Warren Webster & Co.	Syphon attachment.	27 00
O 7853	..do...	Wm. Hix.	Teaming.	55 00
O 7854	..do...	The Ball Mfg. Co.	General supplies.	5 80
O 7855	Apr. 8	The Caldwell Co.	Electric supplies.	167 93
O 7856	..do...	E. A. Eichhorst.	Repairing harness.	6 85
O 7857	..do...	Jacob White.	Plastering.	5 50
O 7858	..do...	L. S. Starrett Co.	Apparatus repair.	1 99
O 7859	..do...	Standard Oil Co.	Fuel oil.	33 24
O 7860	..do...	The Diem & Wing Paper Co.	Plain parch.	3 75
O 7861	..do...	O. I. C. Swine Breeders' Assn.	Membership.	10 00
O 7862	..do...	Goes Lithographing Co.	Printing.	86 00
O 7863	..do...	L. C. Brown.	Grain.	2 80
O 7864	..do...	Harry Herrick.	Mud chains.	5 30
O 7865	..do...	Dow Brothers.	Oats.	1 20
O 7866	..do...	Rocky Ford Cantaloupe Seed Breeders' Assn.	Seeds.	3 00
O 7867	..do...	Hektograph Mfg. & Dup. Co.	Office equipment.	3 25
O 7868	..do...	Review Printing & Stationery Co.	Printing.	2 10
O 7869	..do...	Brown & Sharpe Mfg. Co.	Mill gauge.	1 94
O 7870	..do...	J. C. Gabel.	Key holders.	26 92
O 7871	..do...	B. E. Spalding.	Chemicals.	26 50
O 7872	Apr. 8	L. E. Knorr, Acting Comptroller.	Student labor.	813 54
O 7873	..do...	Aaron Peters Laboratories.	Paper towels.	19 50
O 7874	..do...	American-German Boiler Comp. Co.	Compound.	22 75
O 7875	..do...	Frank S. Betz Co.	Forceps.	1 05
O 7876	..do...	John Becker.	Rabbits.	9 00
O 7877	..do...	Barron Bros. Coal Co.	Hay.	15 47
O 7878	..do...	Hercules Chemical Works.	Metal polish.	5 88
O 7879	..do...	Central Scientific Co.	Sterilizer.	5 00
O 7880	..do...	Thomas J. Dee & Co.	Ropes.	75 00
O 7881	..do...	G. Walter Dittmar.	Assessment.	10 00
O 7882	..do...	C. L. Frame Dental Supply Co.	Gutta Percha.	17 53
O 7883	..do...	Harms & Scheuber.	Carrots.	5 00
O 7884	..do...	F. T. Harmon.	Lantern slides.	18 00
O 7885	..do...	J. M. Hanson-Bennett Magazine Agency.	Journals.	54 35
O 7886	..do...	Illinois Malleable Iron Co.	Pipes.	4 38
O 7887	..do...	Imperial Mfg. Co.	Sweeping compound.	25 00
O 7888	..do...	International Instrument Co.	Brushes.	3 00
O 7889	..do...	Jacobs & Holmes.	Printing.	28 50
O 7890	..do...	C. R. Killin.	General supplies.	4 20
O 7891	..do...	Liquid Carbonic Co.	Gas.	1 50
O 7892	..do...	Medical Library Assn.	Annual dues.	10 00
O 7893	..do...	Ella R. Michaels.	Aprons.	5 00
O 7894	..do...	Mallory, Mitchell & Faust.	Advertising.	15 45
O 7895	..do...	V. Mueller & Co.	Laboratory apparatus.	31 77
O 7896	..do...	Maas Brothers.	Building equipment.	39 95
O 7897	..do...	A. C. McClurg & Co.	Office supplies.	24 15
O 7898	..do...	Neotyle Co.	..do.	8 00
O 7899	..do...	Physicians' Supply & Drug Co.	Chemicals.	8 02
O 7900	..do...	Pittsburgh Plate Glass Co.	Glass.	3 05
O 7901	..do...	Swifts & Co.	Laboratory supplies.	5 71
O 7902	..do...	Bradner Smith & Co.	Office supplies.	13 69
O 7903	..do...	S. S. White Dental Mfg. Co.	Engine oil.	1 12
O 7904	..do...	Wanner Machinery Co.	Office supplies.	5 00
O 7905	..do...	L. E. Knorr, Acting Comptroller.	General labor.	549 72
O 7906	Apr. 9	E. K. Augustus.	Traveling expense.	9 47
O 7907	..do...	George D. Beal.	..do.	17 30
O 7908	..do...	H. J. Broderson.	..do.	16 45
O 7909	..do...	Caldwell Lawn Mower Co.	Machinery.	21 57
O 7910	..do...	W. C. Coffey.	Traveling expense.	19 89
O 7911	..do...	H. A. DeWerff.	..do.	22 20
O 7912	..do...	Ernest R. Dewsnup.	..do.	20 04
O 7913	..do...	Egglestons Music House.	Rent.	44 00
O 7914	..do...	A. F. Gustafson.	Traveling expense.	24 63
O 7915	..do...	F. W. Garrett.	..do.	24 44
O 7916	..do...	W. E. Joseph.	..do.	3 75
O 7917	..do...	Theodore C. Pease.	..do.	9 17
O 7918	..do...	D. F. McFarland.	..do.	17 11
O 7919	..do...	Norton Co.	Crystolon.	2 94
O 7920	..do...	H. A. Ruehe.	Traveling expense.	11 74
O 7921	..do...	Sharon Coal & Brick Co.	Coal.	308 75
O 7922	..do...	J. H. Schumann.	Seed.	34 12
O 7923	..do...	J. R. Van Kleeck.	Traveling expense.	10 95

## OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
1915				
O 7924	Apr. 9	Albert E. Wuesteman	Medals	\$ 21 00
O 7925	do.	University Club	Traveling expense	16 10
O 7926	Apr. 10	L. W. Swett	Wages	89 25
O 7927	Apr. 11	E. A. Eichhorst	Harness repair	9 25
O 7928	do.	J. F. Webster & Co.	Poultry	24 42
O 7929	do.	Champaign Sanitary Milk Co.	Milk	2 00
O 7930	do.	Elmer Frazier	Ear corn	80 35
O 7931	do.	Mrs. Ruth Hull	Dip nets	27 38
O 7932	do.	H. C. Taylor	Wheat straw	104 87
O 7933	do.	Conner & Quayle	Horseshoes	27 00
O 7934	do.	C. H. Stoelting Co.	Brake pads	1 29
O 7935	do.	Dayton Fruit Tree Label Co.	Pot labels	14 50
O 7936	do.	Florists Publishing Co.	Journals	1 00
O 7937	do.	The Kentucky Tobacco Product Co.	Laboratory supplies	54 00
O 7938	do.	The E. G. Hill Co.	Nursery stock	10 33
O 7939	do.	The Emil Greiner Co.	Laboratory apparatus	8 14
O 7940	do.	J. T. Baker Chemical Co.	Acetic acid	9 80
O 7941	do.	G. L. Burgess	Live stock	200 00
O 7942	do.	F. S. Bunch	Cattle tags	6 60
O 7943	do.	Zenmer Disinfectant Co.	Zenoleum	27 00
O 7944	do.	American Poland-China Record Assn.	Pedigree	2 00
O 7945	do.	Crerar, Adams & Co.	Steel tubing	65 93
O 7946	do.	Alfred A. Rose	Organ repair	5 00
O 7947	do.	F. K. Robeson	Bon Ami	2 50
O 7948	do.	Indianapolis Paint & Color Co.	Paint	53 88
O 7949	do.	W. F. & John Barnes Co.	Lathes	3 53
O 7950	do.	Crane Co.	Oakum	4 20
O 7951	do.	White Line Steam Laundry	Laundry	19 14
O 7952	do.	Alphons Custodis Chimney Construction Co.	Chimney repair	160 00
O 7953	do.	French Battery & Carbon Co.	Electrical supplies	25 00
O 7954	do.	Weil Brothers	Wheels for pipe cutters	3 03
O 7955	do.	Swartz Electric Shop	Sockets	2 70
O 7956	do.	Jos. Gillett & Sons	Office supplies	3 08
O 7957	do.	R. R. Manley	Traveling expense	14 27
O 7958	do.	C. G. Cox	do	2 52
O 7959	do.	H. I. Huntington	do	17 37
O 7960	do.	Stephen Rogers	Field work	82 33
O 7961	do.	H. C. Wheeler	Traveling expense	33 44
O 7962	do.	F. A. Fischer	do	53 86
O 7963	do.	J. G. Mosier	do	13 37
O 7964	do.	Albert Tate	Field work	38 45
O 7965	do.	Wm. Aten, Sr.	do	20 00
O 7966	do.	Central Union Telephone Co.	Exchange service	170 00
O 7967	do.	R. H. Wilcox	Traveling expense	13 30
O 7968	Apr. 12	Alexander Lumber Co.	Cypress	3 60
O 7969	do.	Champaign Seed Co.	Seeds	5 13
O 7970	do.	Chester Horseshoeing Shop	Horseshoes	4 50
O 7971	do.	Augusta Krieger	Traveling expense	11 89
O 7972	do.	Champaign Steam Laundry	Laundry	80 24
O 7973	do.	D. T. Dobbins	Labor	2 56
O 7974	do.	S. E. Dillaovou	Machinery repairs	6 45
O 7975	do.	John H. Boyle	Blades	4 60
O 7976	do.	Eisner Grocery Co.	Food supplies	15 70
O 7977	do.	S. E. Huff & Co.	Lumber	23 45
O 7978	do.	Fuller-Morrison Co.	Chemicals	19 21
O 7979	do.	Flanigan-Pearson	Printing	47 00
O 7980	do.	G. R. Grubb & Co.	Zinc etching	1 00
O 7981	do.	Illinois State Reformatory	Printing	109 05
O 7982	do.	Eugene-Dietzgen Co.	Paper	1 62
O 7983	do.	C. A. Kiler	Wire	8 05
O 7984	do.	F. M. Leslie	Picture framing	1 75
O 7985	do.	D. H. Lloyd	Films	1 20
O 7986	do.	W. Lewis & Co.	Sheets and pillows	8 01
O 7987	do.	Louis Melind Co.	General supplies	7 99
O 7988	do.	A. C. McClurg & Co.	Wire baskets	4 58
O 7989	do.	F. K. Robeson	Strainer cloth and soap	50 53
O 7990	do.	Remington Typewriter	Carbon	17 00
O 7991	do.	E. H. Sargent & Co.	General supplies	50 30
O 7992	do.	H. Swannell & Son	Laboratory supplies	19 99
O 7993	do.	B. E. Spalding	Chemicals	3 25
O 7994	do.	Twin City Electric Co.	Flash lamps	1 50
O 7995	do.	H. G. Bradley	Food supplies	51 90
O 7996	do.	Twin City Roofing Co.	Repair work	38 43
O 7997	do.	Taylor Hardware Co.	Building material	59 89
O 7998	do.	Twin City Ice & Cold Storage Co.	Ice	37 00
O 7999	do.	The University Press	Printing	2 25



## OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1915			
O 8000	Apr. 12	Vaughan's Seed Store.....	Labels and plants.....	\$ 17 95
O 8001	do.	The Warner Elevator Mfg. Co.....	Contacts.....	8 21
O 8002	do.	Twin City Creamery Co.....	Butter.....	33 95
O 8003	do.	National Biscuit Co.....	Sodas.....	3 30
O 8004	do.	H. A. Hollister.....	Traveling expense.....	13 65
O 8005	do.	Sprague Smith Co.....	Plates.....	5 70
O 8006	do.	B. F. Starr Co.....	Bolting cloth.....	6 93
O 8007	do.	Ennis Hay Co.....	Hay.....	169 11
O 8008	do.	John Deere Plow Co.....	Corn binder.....	1 55
O 8009	do.	Ottumwa-Moline Engine & Pump Co.....	Gov. plug.....	1 86
O 8010	do.	Goes Lithographing Co.....	Printing.....	27 54
O 8011	do.	F. N. Rochelle & Son.....	Nursery stock.....	4 50
O 8012	do.	H. R. Farrington.....	Building repairs.....	50 18
O 8013	do.	White Poultry Farm.....	Chickens.....	4 60
O 8014	do.	Farrar & Quinlin.....	Food supplies.....	53 50
O 8015	Apr. 14	Pay roll.....	April, 1915.....	8, 224 96
		Alley, W. E.....	Salary.....	\$100 00
		Amos, Wmfred.....	do.....	75 00
		Atkinson, C. E.....	do.....	141 66
		Beadles, Jessie R.....	do.....	65 00
		Blackwell, Mary.....	do.....	60 00
		Boice, L. A.....	do.....	125 00
		Bowen, Evalena.....	do.....	65 00
		Briggs, Evelyn L.....	do.....	55 00
		Broadhurst, Tabitha J.....	do.....	75 00
		Brownfield, Lelah H.....	do.....	50 00
		Bryan, Sarah E.....	do.....	75 00
		Buckler, Helen I.....	do.....	60 00
		Buckles, Mildred E.....	do.....	65 00
		Burt, Ruth.....	do.....	50 00
		Cover, Hazel W.....	do.....	60 00
		Crawford, C. C.....	do.....	65 00
		Cunningham, H. E.....	do.....	208 33
		Custer, Emma L.....	do.....	75 00
		Dalton, C. E.....	do.....	50 00
		Davis, Vera M.....	do.....	50 00
		Durfee, Franc A.....	do.....	50 00
		Feldkamp, Amelia.....	do.....	55 00
		Fieg, Robert J.....	do.....	50 00
		Flattery, Amanda M.....	do.....	65 00
		Fraser, Viola C.....	do.....	70 00
		Galpin, Stella.....	do.....	70 00
		Garwood, Frances.....	do.....	50 00
		Glenn, Eleanor.....	do.....	50 00
		Goodspeed, W. S.....	do.....	90 00
		Gordon, Marie A.....	do.....	55 00
		Grabbe, Florence H.....	do.....	65 00
		Griffith, Mabel F.....	do.....	70 00
		Halliday, Mabel.....	do.....	60 00
		Hamilton, Mrs. Alice V.....	do.....	100 00
		Hawgood, Helen A.....	do.....	70 00
		Hayes, James B.....	do.....	95 00
		Hayes, Margaret L.....	do.....	50 00
		Hayward, Nellie.....	do.....	60 00
		Heater, Myrtle.....	do.....	60 00
		Houchens, Josie B.....	do.....	83 33
		Hull, A. H.....	do.....	65 00
		Humrichouse, Katie L.....	do.....	50 00
		Jay, Edith L.....	do.....	50 00
		Johnson, Gertrude.....	do.....	60 00
		Jones, Mabel.....	do.....	65 00
		Kern, Floy.....	do.....	40 00
		Kirwin, Nora.....	do.....	55 00
		Knapp, Aurella.....	do.....	75 00
		Knorr, Lynn E.....	do.....	150 00
		Lahr, Lawrence D.....	do.....	50 00
		Lamb, Allie.....	do.....	55 00
		Lee, Albert R.....	do.....	100 00
		Leitz, Louise A.....	do.....	40 00
		Love, Mary E.....	do.....	65 00
		Luther, Cornelia M.....	do.....	45 00
		McConn, Charles M.....	do.....	250 00
		McGurty, Agnes.....	do.....	83 33
		McIntire, W. A.....	do.....	50 00
		Manley, Verna.....	do.....	50 00
		Manspeaker, Lotta M.....	do.....	83 33
		Merchant, Donna B.....	do.....	50 00
		Meseck, Rudolph.....	do.....	65 00
		Miles, Lois M.....	do.....	70 00

## OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
O 8015 Cld.	1915 Apr. 14	Millar, Mary.....	Salary.....	\$ 70 00
		Miller, C. F.....	do.....	90 00
		Morey, Lloyd.....	do.....	125 00
		Morrow, J. A.....	do.....	166 66
		Muhleman, Elizabeth.....	do.....	50 00
		Nagle, Sybil.....	do.....	50 00
		Nyberg, Florence A.....	do.....	50 00
		Packard, Bessie.....	do.....	75 00
		Peel, Thomas.....	do.....	60 00
		Pergande, Robert.....	do.....	95 00
		Phelps, Vergil V.....	do.....	166 66
		Post, Frederick.....	do.....	75 00
		Postlewait, Harriet L.....	do.....	55 00
		Powell, Burt E.....	do.....	191 66
		Putnam, Persis.....	do.....	75 00
		Renz, Myrtle.....	do.....	75 00
		Ressler, Milton.....	do.....	80 00
		Ripketts, Clara A.....	do.....	65 00
		Riggs, Bess.....	do.....	35 00
		Robertson, Nellie.....	do.....	70 00
		Rogers, Della M.....	do.....	40 00
		Ross, Anne.....	do.....	50 00
		Scamlan, Mary.....	do.....	60 00
		Scott, Bertha M.....	do.....	50 00
		Sharp, Bertha L.....	do.....	60 00
		Shaw, Hazel Y.....	do.....	75 00
		Shepard, Anna L.....	do.....	100 00
		Sincock, Julia.....	do.....	60 00
		Slater, Sarah M.....	do.....	60 00
		Smith, Ira M.....	do.....	125 00
		Smith, Mayme L.....	do.....	65 00
		States, Bertha G.....	do.....	50 00
		Steitz, Alfred.....	do.....	100 00
		Stevens, Sabra.....	do.....	75 00
		Stipp, Maude.....	do.....	50 00
		Thompson, M. E.....	do.....	100 00
		Tuttle, George P., Jr.....	do.....	100 00
		Vaibel, Daniel.....	do.....	60 00
		Voight, Lida E.....	do.....	100 00
		Walsh, Ethel M.....	do.....	50 00
		White, Loretta.....	do.....	70 00
		Winchester, B. L.....	do.....	50 00
		Wyninger, H. T.....	do.....	60 00
		Buchanan, Harold C.....	do.....	70 00
		Ellis, E. R.....	do.....	50 00
		Harper, Julia.....	do.....	65 00
		Lonius, J. O.....	do.....	90 00
		Vanderbeek, H. J.....	do.....	65 00
O 8016	...do....	Pay roll.....	April, 1915.....	\$59,029 05
		Filbey, E. J.....	Salary.....	183 33
		James, Edmund J.....	do.....	1,000 00
		Fair, Sue M.....	do.....	80 00
		Warnock, A. R.....	do.....	150 00
		Clark, T. A.....	do.....	500 00
		Fiero, E. E.....	do.....	50 00
		Strong, Lillian.....	do.....	50 00
		Kyle, Martha J.....	do.....	166 66
		Huff, G. A.....	do.....	416 66
		Manley, E. J.....	do.....	100 00
		Jones, R. R.....	do.....	120 00
		Gill, Harry.....	do.....	220 00
		Fargo, R. N.....	do.....	166 66
		Casner, Sidney.....	do.....	40 00
		Moulton, Gertrude.....	do.....	133 33
		Brooks, Verna.....	do.....	100 00
		Osmond, Edith G.....	do.....	90 00
		Hughitt, Anna L.....	do.....	110 00
		Gaut, Rosa Lee.....	do.....	50 00
		Jackson, Mabel.....	do.....	20 00
		Houston, Ruth.....	do.....	80 00
		Webster, F. D.....	do.....	48 00
		Greene, J. H.....	do.....	20 00
		Grunewald, A. H.....	do.....	20 00
		Armstrong, W. C.....	do.....	20 00
		Elles, E. C.....	do.....	20 00
		Pool, E. H.....	do.....	20 00
		Hood, C. F.....	do.....	20 00
		Knapp, L. D.....	do.....	20 00
		Hostetler, J. C.....	do.....	20 00

## OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
O 8016 Ctd.	1915 Apr. 14	Niver, Roe.....	Salary.....	\$ 20 00
		Barden, H. E.....	do.....	20 00
		Hollister, H. A.....	do.....	270 83
		Didcott, J. J.....	do.....	133 33
		Eldridge, A. G.....	do.....	250 00
		Bollman, Minnie J.....	do.....	32 50
		Breedis, John.....	do.....	18 00
		Britton, F. E.....	do.....	40 00
		Christy, Glenn.....	do.....	18 00
		Craig, Jennie.....	do.....	80 00
		Drury, F. K. W.....	do.....	200 00
		Dunlap, Fannie.....	do.....	65 00
		Felsenthal, Emma.....	do.....	83 33
		Fontaine, E. O.....	do.....	36 00
		Gibson, Mable.....	do.....	27 50
		Goulding, P. S.....	do.....	166 66
		Graves, C. E.....	do.....	100 00
		Herdman, Margaret.....	do.....	75 00
		Hubbard, Marie.....	do.....	27 50
		Hutchins, Margaret.....	do.....	83 33
		Janvrin, C. E.....	do.....	41 66
		Johnson, Alice.....	do.....	83 33
		Jutton, Emma.....	do.....	108 33
		Leatherman, Marion.....	do.....	75 00
		Patton, Adah.....	do.....	91 66
		Torrance, Mary C.....	do.....	75 00
		Troy, Mary Z.....	do.....	65 00
		Windsor, P. L.....	do.....	291 66
		Conat, Mabel.....	do.....	65 00
		England, Grace.....	do.....	65 00
		Erwin, Elizabeth.....	do.....	30 00
		Eppinger, J. G.....	do.....	36 00
		Williams, Margaret.....	do.....	48 00
		Baechtold, Elsie.....	do.....	65 00
		Wyeth, Ola M.....	do.....	80 00
		Price, M. A.....	do.....	70 00
		Wood, H. T.....	do.....	30 00
		Roberts, Nellie.....	do.....	32 50
		Hester, Elizabeth.....	do.....	60 00
		Signor, Nelle.....	do.....	32 50
		Penrose, Alma.....	do.....	32 50
		Stone, C. H.....	do.....	37 50
		Benson, Susan.....	do.....	37 50
		Checkley, J. H.....	do.....	100 00
		Jamison, A. W.....	do.....	166 66
		Miller, W. P.....	do.....	50 00
		Nolan, A. W.....	do.....	200 00
		Rankin, F. H.....	do.....	291 66
		Allyn, Orr.....	do.....	100 00
		Aumer, J. P.....	do.....	150 00
		Brunson, A. M.....	do.....	83 33
		Clevenger, C. B.....	do.....	83 33
		Dickenson, R. W.....	do.....	100 00
		Ellis, O. I.....	do.....	83 33
		Fahrnkopf, H. F. T.....?	do.....	83 33
		Gentle, G. E.....	do.....	83 33
		Gernert, W. B.....	do.....	150 00
		Gilkerson, H. C.....	do.....	83 33
		Holt, S. V.....	do.....	150 00
		Leighty, W. R.....	do.....	116 66
		Niederman, Gertrude.....	do.....	100 00
		Sachs, W. H.....	do.....	150 00
		Schoonover, W. R.....	do.....	83 33
		Snider, H. J.....	do.....	83 33
		VanAlstine, E.....	do.....	175 00
		Wancher, F. M. W.....	do.....	116 66
		Wheeler, H. C.....	do.....	150 00
		Torgerson, E. F.....	do.....	70 00
		DeWerff, H. A.....	do.....	70 00
		Bull, Sleeter.....	do.....	150 00
		Harper, Claude.....	do.....	83 33
		Andrews, J. B.....	do.....	100 00
		Baumgartner, H. C.....	do.....	70 00
		Wilcox, R. H.....	do.....	83 33
		Brand, R. E.....	do.....	75 00
		Hulce, R. S.....	do.....	133 33
		Keller, O. A.....	do.....	100 00
		Ruehe, H. A.....	do.....	141 66
		Weeter, H. M.....	do.....	83 33

## OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
O. 8016 Ctd.	1915 Apr. 14	Turner, Frank	Salary	\$ 75 00
		Becker, Georgia	do	65 00
		Bailey, E. W.	do	175 00
		Bole, S. J.	do	150 00
		Bregger, Thomas	do	116 66
		Crandall, C. S.	do	291 66
		Gunderson, A. J.	do	116 66
		Ruthe, W. A.	do	150 00
		Watkins, O. S.	do	175 00
		Venning, F. L.	do	125 00
		Richards, C. E.	do	62 50
		Holbrook, E. A.	do	208 33
		Stoek, H. H.	do	416 66
		Callen, A. C.	do	150 00
		Andros, S. O.	do	175 00
		Dunn, H. H.	do	116 66
		Keller, R. B.	do	166 66
		Kratz, A. P.	do	133 33
		McFarland, D. F.	do	166 66
		Moore, H. F.	do	250 00
		Slater, W. A.	do	150 00
		Yensen, T. D.	do	133 33
		Gonnerman, H. F.	do	150 00
		Wilson, L. A.	do	116 66
		Dieckman, T. W.	do	60 00
		Belt, J. H.	do	50 00
		Montgomery, Julian	do	50 00
		Pogue, R. B.	do	50 00
		Gatward, W. A.	do	50 00
		Lichty, L. C.	do	50 00
		Lukens, W. P.	do	50 00
		Young, E. G.	do	50 00
		Laying, T. E.	do	50 00
		Draffin, J. O.	do	50 00
		Nebel, M. L.	do	50 00
		Decker, E. H.	do	291 66
		Green, Frederick	do	291 66
		Harker, O. A.	do	416 66
		Hale, W. G.	do	291 66
		Pomeroy, J. N.	do	258 33
		Vernier, C. G.	do	291 66
		Carpenter, C. E.	do	208 33
		Babcock, K. C.	do	416 66
		Stebbins, Joel	do	291 66
		Reed, F. W.	do	140 00
		Sperry, J. E.	do	150 00
		Burton, L. V.	do	120 00
		Winslow, J. C.	do	54 00
		Hottes, C. F.	do	250 00
		Stevens, F. L.	do	333 33
		Trelease, William	do	416 66
		Hague, Stella M.	do	100 00
		McDougall, W. B.	do	120 00
		Parr, Rosalie	do	80 00
		Quick, B. E.	do	60 00
		Kempton, F. E.	do	60 00
		Dalbey, Nora	do	60 00
		Waggoner, H. D.	do	60 00
		Pickler, W. E.	do	30 00
		Davis, R. L.	do	30 00
		Lamkey, E. M. R.	do	60 00
		Lantz, C. W.	do	60 00
		Kellogg, Amelia	do	60 00
		Hursh, R. K.	do	160 00
		Stull, R. T.	do	250 00
		Danielson, R. R.	do	75 00
		Radcliffe, B. S.	do	120 00
		Williams, A. E.	do	130 00
		Balke, C. W.	do	250 00
		Derick, C. G.	do	166 66
		Noyes, W. A.	do	416 66
		Parr, S. W.	do	333 33
		Smith, G. M.	do	166 66
		Washburn, E. W.	do	291 66
		Weber, H. C. P.	do	166 66
		Allen, R. W.	do	30 00
		Anders, Paul	do	130 00
		Ball, T. R.	do	60 00
		Beal, G. D.	do	125 00

## OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
O 8016 Ctd.	1915 Apr. 14	Bissell, D. W.	Salary	\$ 30 00
		Broderson, H. J.	do	130 00
		Burthart, C. W.	do	10 00
		Charlton, E. F.	do	50 00
		Chandler, E. M. A.	do	10 00
		Cann, Jessie	do	120 00
		Darrah, Juanita	do	50 00
		Davidson, C. N.	do	30 00
		Davisson, B. S.	do	60 00
		Dean, P. M.	do	30 00
		Engle, E. W.	do	60 00
		Ford, J. T.	do	30 00
		Gerry, H. L.	do	30 00
		Hakanson, A. F.	do	10 00
		Hatfield, W. D.	do	10 00
		Hecker, C. H.	do	120 00
		Hess, E. W.	do	60 00
		Heuse, E. O.	do	120 00
		Hjort, A. M.	do	30 00
		Honovski, R. B.	do	90 00
		Hopkins, B. S.	do	125 00
		Janson, J. M.	do	10 00
		Kamm, Oliver	do	60 00
		Karr, W. G.	do	30 00
		Kremers, H. C.	do	50 00
		Lee, H. R.	do	30 00
		Lucas, J. B.	do	30 00
		MacInnes, D. A.	do	125 00
		Marquis, S. D.	do	35 00
		Olin, H. L.	do	120 00
		Read, J. W.	do	60 00
		Reese, E. A.	do	50 00
		Sears, G. W.	do	120 00
		Taylor, E. H.	do	35 00
		Taylor, S. C.	do	60 00
		Taylor, Lambert	do	120 00
		Thorp	do	35 00
		Tippitt, R. W.	do	30 00
		Shepard, A. D.	do	30 00
		Skinner, G. S.	do	30 00
		Wildman, E. A.	do	60 00
		Wickers, E.	do	50 00
		Hull, S. M.	do	10 00
		Westhaefer, T. O.	do	30 00
		Valentine, H. D.	do	60 00
		MacArthur, C. G.	do	150 00
		Barbre, Clarence	do	30 00
		Vollweiler, E. H.	do	30 00
		Ruby, G. B.	do	10 00
		Gilmore, R. E.	do	50 00
		Brunskill, E. R.	do	10 00
		Haag, V. W.	do	10 00
		Braley, S. A.	do	50 00
		Foottitt, F. W.	do	30 00
		Rowland, F. E.	do	10 00
		Barton, H. J.	do	291 66
		Canter, H. V.	do	208 33
		Moss, C. M.	do	250 00
		Oldfather, W. A.	do	250 00
		Pease, A. S.	do	250 00
		Bogart, E. L.	do	291 66
		Chase, W. A.	do	240 00
		Dewsnup, E. R.	do	250 00
		Litman, Simon	do	208 33
		Robinson, M. H.	do	125 00
		Weston, N. A.	do	250 00
		Hieronymus, R. E.	do	250 00
		Heilman, R. E.	do	216 66
		Thompson, J. G.	do	200 00
		Scoville, H. T.	do	200 00
		McJohnston, H.	do	180 00
		Peterson, E.	do	60 00
		Dreesen, W. H.	do	60 00
		Knight, C. K.	do	50 00
		McKenna, E. L.	do	50 00
		Leslie, H. D.	do	30 00
		Thompson, C. M.	do	191 66
		Little, R. F.	do	50 00
		Bagley, W. C.	do	208 33
		Coffman, L. D.	do	291 66

## OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
O 8016 Ctd.	1915 Apr. 14	Johnston, C. H.	Salary	\$291 66
		Miller, W. S.	do.	150 00
		Whipple, G. M.	do.	229 16
		Hanger, J. W.	do.	50 00
		Cobb, Margaret	do.	50 00
		Baldwin, E. C.	do.	175 00
		Dodge, D. K.	do.	270 83
		Fulton, Edward	do.	175 00
		Jones, H. S. V.	do.	183 33
		Paul, H. G.	do.	208 33
		Scott, F. W.	do.	200 00
		Sherman, S. F.	do.	308 33
		Woolbert, C. H.	do.	166 66
		Zeitlin, Jacob	do.	141 66
		Creek, H. L.	do.	125 00
		Whicher, G. F.	do.	120 00
		Alden, E. S.	do.	120 00
		Whitford, E. C.	do.	100 00
		Hillebrand, H. M.	do.	130 00
		Harris, L. H.	do.	120 00
		Taje, R. E.	do.	120 00
		Jones, E. S.	do.	120 00
		Carl, M. J.	do.	140 00
		Stidston, R. O.	do.	100 00
		Harbarger, Sada	do.	100 00
		Stanley, T. B.	do.	100 00
		Sarett, L. R.	do.	100 00
		Dixon, R. E.	do.	110 00
		Beck, Clyde	do.	50 00
		Loomis, R. S.	do.	120 00
		Rinaker, Clarissa	do.	120 00
		Boyer, C. V.	do.	141 66
		Schoepperle, Gertrude	do.	116 66
		Sutcliffe, E. G.	do.	100 00
		Downes, C. S.	do.	120 00
		Phelps, J. M.	do.	100 00
		Kelso, Ruth	do.	100 00
		Buchen, W. A.	do.	150 00
		Folsom, J. W.	do.	208 33
		Forbes, S. A.	do.	83 33
		MacGillivray, A. D.	do.	250 00
		Peterson, Alvah	do.	60 00
		Glasgow, R. D.	do.	130 00
		Bayley, W. S.	do.	250 00
		Rolfe, C. W.	do.	250 00
		Savage, T. E.	do.	208 33
		DuBois, H. M.	do.	50 00
		Read, M. K.	do.	40 00
		Ross, C. S.	do.	50 00
		Rich, J. L.	do.	160 00
		Storror, James	do.	60 00
		Brooks, N. C.	do.	208 33
		Flom, G. T.	do.	233 33
		Goebel, Julius	do.	312 50
		Lessing, O. E.	do.	291 66
		Meyer, G. H.	do.	229 16
		Poor, C. M.	do.	150 00
		Williams, C. A.	do.	150 00
		Koller, A. H.	do.	140 00
		Barto, P. S.	do.	120 00
		Zucker, A. E.	do.	50 00
		Blaisdell, Daisy L.	do.	100 00
		Green, Alexander	do.	135 00
		Bloomfield, Leonard	do.	166 66
		Spindler, G. W.	do.	25 00
		Alvord, C. W.	do.	145 83
		Greene, E. B.	do.	416 66
		Larson, L. M.	do.	250 00
		Lybyer, L. H.	do.	233 33
		Robertson, W. S.	do.	208 33
		Jones, P. V. B.	do.	150 00
		Pease, T. C.	do.	125 00
		Cole, A. C.	do.	160 00
		Brush, Elizabeth	do.	100 00
		Bishop, Mildred	do.	40 00
		Miller, J. E.	do.	60 00
		Borger, R. L.	do.	125 00
		Crathorne, A. R.	do.	166 66
		Emch, Arnold	do.	187 50

## OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
O 8016 Ctd.	1915 Apr. 14	Lytle, E. B.	Salary.	\$150 00
		Miller, G. A.	do.	291 66
		Rietz, H. L.	do.	158 33
		Shaw, J. B.	do.	229 16
		Sisam, C. H.	do.	183 33
		Townsend, E. J.	do.	333 33
		Wahlin, G. E.	do.	116 66
		Kempner, A. J.	do.	150 00
		Denton, W. W.	do.	140 00
		Chittenden, E. W.	do.	140 00
		Burns, Josephine.	do.	100 00
		Zeis, H. C.	do.	60 00
		Wilson, W. H.	do.	60 00
		Hebbert, C. M.	do.	60 00
		Smith, G. W.	do.	60 00
		Marshall, R. H.	do.	60 00
		Grimes, N. C.	do.	120 00
		Burge, W. E.	do.	191 66
		Beard, J. H.	do.	165 00
		Neill, Alma J.	do.	60 00
		Bode, B. H.	do.	291 66
		Daniels, A. H.	do.	333 33
		Shepherd, Queen L.	do.	120 00
		Haessler, Carl.	do.	100 00
		Garner, J. W.	do.	333 33
		Mathews, J. M.	do.	150 00
		Story, R. M.	do.	180 00
		Hanford, A. C.	do.	80 00
		Bentley, Madison.	do.	270 83
		DeCamp, J. E.	do.	70 00
		Rogers, Sophie.	do.	30 00
		Ruchmick, C. A.	do.	150 00
		Rahn, Carl.	do.	150 00
		Carnahan, D. K.	do.	225 00
		Fitz-Gerald, J. D., II.	do.	225 00
		Oliver, T. E.	do.	250 00
		Seymour, A. R.	do.	191 66
		Carry, C. S.	do.	110 00
		Eppels, Joseph.	do.	100 00
		Wesenberg, T. G.	do.	100 00
		Kesler, James.	do.	90 00
		Allen, Louis.	do.	90 00
		Moore, O. H.	do.	180 00
		Blondheim, D. S.	do.	166 66
		Soto, Rafael.	do.	100 00
		Hayes, E. C.	do.	275 00
		Hibbs, H. H.	do.	120 00
		Kingsley, J. S.	do.	291 66
		Smith, Frank.	do.	250 00
		Ward, H. B.	do.	416 66
		Zeleny, Charles.	do.	250 00
		Shelford, V. E.	do.	166 66
		VanCleave, H. J.	do.	130 00
		May, H. G.	do.	60 00
		Green, Bessie.	do.	60 00
		Linkins, R. H.	do.	60 00
		Heimbürger, H. V.	do.	60 00
		Chenoweth, H. E.	do.	40 00
		Magath, T. B.	do.	30 00
		Higgins, G. M.	do.	30 00
		Metcalf, H. E.	do.	30 00
		Redwood, C. W.	do.	120 00
		Marshall, Ruth.	do.	120 00
		Conel, Jesse.	do.	60 00
		Baumgartner, Rachel.	do.	30 00
		Miller, Eva G.	do.	66 66
		Kinley, David.	do.	583 33
		Scheffel, Yetta.	do.	50 00
		Kile, Jessie.	do.	45 00
		Hofto, J. A.	do.	45 00
		Albrecht, W. A.	do.	25 00
		Babbitt, Albert.	do.	25 00
		Bacon, Gertrude A.	do.	25 00
		Barber, Julia.	do.	25 00
		Beck, Mary L.	do.	25 00
		Colvin, Esther M.	do.	25 00
		Cooke, D. G.	do.	25 00
		Crooker, S. J.	do.	25 00
		Cutler, Floy F.	do.	25 00

## OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
O 8016 Ctd.	1915 Apr. 14	Dunham, W. A.	Salary	\$ 25 00
		Elliott, Erma L.	do	25 00
		Farver, E. C.	do	25 00
		Fazel, C. S.	do	25 00
		Fisher, Fay L.	do	25 00
		Griffin, Clare E.	do	25 00
		Hamilton, C. C.	do	25 00
		Hefferman, Ruth M.	do	25 00
		Rendel, R. W., Jr.	do	25 00
		Jerdan, A. L.	do	25 00
		Jewell, Minna E.	do	25 00
		Kindred, J. E.	do	25 00
		Meler, Alice.	do	25 00
		Miller, Marie B.	do	25 00
		Myers, Odessa M.	do	25 00
		Okey, Ruth E.	do	25 00
		Owens, R. W.	do	25 00
		Palm, F. C.	do	25 00
		Pinckney, L. A.	do	25 00
		Richart, F. E.	do	25 00
		Reid, E. A.	do	25 00
		Russell, Robbins.	do	25 00
		Swanson, F. C.	do	25 00
		TerKeurst, H. D.	do	25 00
		Turley, R. E.	do	25 00
		VanDoren, M. A.	do	25 00
		Watkins, Gordon.	do	25 00
		White, Lella O.	do	25 00
		Williams, Kathryn.	do	25 00
		Winkelmann, H. A.	do	25 00
		Wiseman, Esther.	do	25 00
		Young, Esther.	do	25 00
		Tinsley, R. W.	do	25 00
		Brady, St. Elmo.	do	35 00
		Burd, H. A.	do	40 00
		Clark, K. A.	do	35 00
		Clark, Helen.	do	35 00
		Debel, N. H.	do	35 00
		Elliott, John A.	do	35 00
		Garman, Philip.	do	35 00
		Hanson, F. B.	do	35 00
		Harder, O. E.	do	35 00
		Holley, C. E.	do	40 00
		Howard, J. W.	do	35 00
		Kernall, M. J.	do	35 00
		Lamb, B. F.	do	35 00
		Macfarlane, Wallace.	do	40 00
		Mosher, Edna.	do	45 00
		Pasmore, D. F.	do	35 00
		Rutledge, George.	do	50 00
		Sabin, Ethel E.	do	35 00
		Scholl, Clarence.	do	35 00
		Stevens, W. E.	do	35 00
		Streeter, F. B.	do	40 00
		Stundard, H. W.	do	35 00
		Watson, Minnie E.	do	40 00
		Wells, M. M.	do	40 00
		Wright, Quincy.	do	45 00
		Wyatt, F. A.	do	40 00
		Young, L. E.	do	50 00
		Stewart, C. L.	do	45 00
		Weiland, H. J.	do	50 00
		Kirshman, J. E.	do	40 00
		Bond, Ethel.	do	83 33
		Curtis, Florence.	do	133 33
		Reece, E. J.	do	133 33
		Simpson, Frances.	do	166 66
		Schwartz, C. F.	do	183 33
		Smith, Constance Barlow.	do	166 66
		Van den Berg, H. J.	do	180 00
		Nasmyth, H. D.	do	170 00
		Morphy, E. W.	do	170 00
		Townsend, L. L.	do	120 00
		Kirkup, Florence.	do	100 00
		Treat, Edna L.	do	100 00
		Simon, Anna.	do	100 00
		Erb, J. L.	do	250 00
		Harding, A. A.	do	180 00
		Bartow, Edward.	do	166 66



## OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
1916				
O 8016	Apr. 14	Bennett, A. N.	Salary	\$ 75 00
Cld.		Hanford, W. W.	do.	60 00
		Hinds, M. E.	do.	70 00
		Mohlman, F. W.	do.	70 00
		Tanner, F. W.	do.	70 00
		Day, W. B.	do.	208 33
		Snow, C. M.	do.	150 00
		Gathercoal, E. N.	do.	108 33
		Eicher, B. L.	do.	83 33
		Colson, H. D.	do.	83 33
		Fantus, Bernard	do.	16 66
		Lynn, E. V.	do.	150 00
O 8017	..do..	P. W. Kessinger	Field work	\$ 29 59
O 8018	..do..	Geo. W. Matheny	do.	15 40
O 8019	..do..	Jacob Ten Boer	do.	19 00
O 8020	..do..	F. W. Wascher	Traveling expense.	36 29
O 8021	..do..	H. C. Gilkerson	do.	44 99
O 8022	..do..	Chas. A. Campbell	do.	35 06
O 8023	..do..	James H. Greene	do.	10 35
O 8024	..do..	O. S. Watkins	do.	15 67
O 8025	..do..	L. E. Knorr, Acting Comptroller	General labor	315 23
O 8026	..do..	L. E. Knorr, Acting Comptroller	Student labor	466 74
O 8027	Apr. 15	Pay roll	April, 1915	4,645 72
O 8028	..do..	Pay roll	do.	1,468 33
		Allen, Mrs. Josephine	Salary	55 00
		Arneson, Mable L.	do.	75 00
		Broday, Esther	do.	50 00
		Browne, W. H.	do.	250 00
		Cole, M. W.	do.	100 00
		David, Eshoo	do.	55 00
		David, Paul	do.	60 00
		Fletcher, Edward C.	do.	100 00
		Froberg, E.	do.	75 00
		Gubbins, Maud	do.	60 00
		Heerman, Louise B.	do.	60 00
		Hoy, Anna	do.	60 00
		Loomis, Metta H.	do.	83 33
		McQuigg, Mrs. Kate F.	do.	50 00
		Seaberg, Ella M.	do.	60 00
		Tomek, Gertrude	do.	60 00
		Tomlinson, J. S.	do.	125 00
		Watson, Ethel	do.	50 00
		Morehead, Mary M.	do.	40 00
O 8029	..do..	Pay roll	April, 1915	70 00
		Goetz, Antoinette H.	Salary	70 00
O 8030	..do..	Pay roll	April, 1915	65 00
O 8031	Apr. 16	Anseo Co.	Office supplies.	3 42
O 8032	..do..	A. L. Arundell Co.	General supplies.	6 86
O 8033	..do..	W. D. Alla Mfg. Co.	Steam hose	18 57
O 8034	..do..	Jno. B. Bennett	Building material	180 61
O 8035	..do..	Fred J. Blackburn	Traveling expense.	33 61
O 8036	..do..	W. R. Bradley & Co.	Food supplies	24 15
O 8037	..do..	S. P. Byrne	Live stock	150 00
O 8038	..do..	Crane Co.	Gas tubing	2 22
O 8039	..do..	Conner & Quayle	Iron racks	1 95
O 8040	..do..	The Celluloid Co.	Celluloid	4 85
O 8041	..do..	Central Scientific Co.	Binding posts	2 90
O 8042	..do..	P. S. Campbell	Schedule credits	7 75
O 8043	..do..	Chicago Rawhide Mfg. Co.	Rawhide	1 24
O 8044	..do..	R. R. Donnalley & Sons Co.	Half tones	16 38
O 8045	..do..	Dellenbach Brothers	Food supplies	122 12
O 8046	..do..	R. W. Dickenson	Traveling expense.	33 06
O 8047	..do..	H. A. DeWerff	do.	27 71
O 8048	..do..	Eimmer Grocery Co.	Food supplies	90 95
O 8049	..do..	Electric Coal Co.	Coal	1,730 78
O 8050	..do..	Eimer & Amend	Laboratory supplies	890 35
O 8051	..do..	Fuller-Morrison & Co.	Ether	81 18
O 8052	..do..	The Frederick Post Co.	Office supplies	13 92
O 8053	..do..	C. C. Ferguson	Horseshoes	24 00
O 8054	..do..	G. R. Grubb & Co.	Printing	2 00
O 8055	..do..	F. W. Garrett	Traveling expense.	19 89
O 8056	..do..	The Harshaw, Fuller & Goodwin Co.	Metallic selenium	3 08
O 8057	..do..	Hodge & Homer Co.	Files, cross cut	1 99
O 8058	..do..	S. V. Holt	Traveling expense.	49 28
O 8059	..do..	The Linde Air Product Co.	Oxygen	1 50
O 8060	..do..	P. A. Nowlen	Traveling expense.	16 88
O 8061	..do..	L. L. Olds Seed Co.	Seeds	47 72
O 8062	..do..	F. A. Pearson	Traveling expense.	27 15
O 8063	..do..	The Wm. Powell Co.	Air valves	6 60

## OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1915			
O 8064	Apr. 16	H. F. Rhodes	Traveling expense	\$ 26 89
O 8065	do.	C. L. Reiser	do.	25 55
O 8066	do.	J. T. Ryerson & Son	Laboratory supplies	5 86
O 8067	do.	W. R. Stillwell	Pump repairs	5 00
O 8068	do.	H. H. Stock	Traveling expense	2 20
O 8069	do.	Union Printing Co.	Subscription	2 00
O 8070	do.	J. R. Van Kleeck	Traveling expense	14 02
O 8071	do.	H. C. Wheeler	do.	29 96
O 8072	do.	The Wallace Barnes Co.	Valve springs	4 59
O 8073	do.	C. H. Woolbert	Traveling expense	20 35
O 8074	do.	Weimer & Schweinberg	Blankets	14 00
O 8075	do.	Walter Young	Grain sacks	8 40
O 8076	do.	The American Multigraph Sales Co.	Pica quads	2 45
O 8077	do.	Card Division, Library of Congress	Catalogue cards	25 00
O 8078	do.	Dallenbach Brothers	Laboratory supplies	8 30
O 8079	do.	Thos. Franks & Son	Plants	3 50
O 8080	do.	Graham Publishing Co.	Office supplies	1 00
O 8081	do.	W. C. Hensley	Labor	10 00
O 8082	do.	Gus Johnson	Plants	1 50
O 8083	do.	The Linde Air Products Co.	Oxygen	1 50
O 8084	do.	The Quality Store	Food supplies	19 08
O 8085	do.	Biehoff Bakery	do.	2 50
O 8086	do.	White Line Steam Laundry	Laundry	145 40
O 8087	do.	Weimer & Schweinberg	Harness repair	1 80
O 8088	do.	The University Press	Printing	13 20
O 8089	do.	Bertram Abney	Wages	54 00
O 8090	do.	Ahrens & Schreiner	Laboratory supplies	3 48
O 8091	do.	Atlas School Supply Co.	Blackboard	1 08
O 8092	do.	Barron Bros. Coal Co.	Animal feed	3 02
O 8093	do.	F. J. Burns & Co.	Turtles	6 00
O 8094	do.	Frank S. Betz Co.	Dishes	3 00
O 8095	do.	Buxham Dairy Co.	Milk	2 16
O 8096	do.	Commonwealth Edison Co.	Meter reading	239 62
O 8097	do.	Central Scientific Co.	Laboratory supplies	19 00
O 8098	do.	Chicago Examiner	Advertising	1 00
O 8099	do.	Calumet Laundry Co.	Laundry	79 69
O 8100	do.	Cameron, Amberg & Co.	Receipt book	12 00
O 8101	do.	City of Chicago	Elevator inspection	4 00
O 8102	do.	Chicago Towel Co.	Laundry	42 79
O 8103	do.	Thos. J. Dee & Co.	Office supplies	137 10
O 8104	do.	Davis & Kruger	Painting	65 00
O 8105	do.	Eimer & Amend	Building apparatus	12 43
O 8106	do.	C. L. Frame Dental Supply Co.	General supplies	19 42
O 8107	do.	Fuller-Morrisson Co.	Chemicals	16 93
O 8108	do.	General Electric Co.	Brushes	2 72
O 8109	do.	Hygienic Fibre Co.	Gauze	65 00
O 8110	do.	Harms & Scheuber	Animal feed	10 00
O 8111	do.	Huntley Dairy Co.	Milk	5 46
O 8112	do.	Heath & Milligan Mfg. Co.	Paint	4 50
O 8113	do.	F. G. Hartwell Co.	Coal	385 78
O 8114	do.	Illinois Malleable Iron Co.	Building material	7 95
O 8115	do.	Kasen's Express & Van Co.	Freight	9 77
O 8116	do.	Liquid Carbomic Co.	Gas	1 50
O 8117	do.	A. C. McClurg & Co.	General supplies	4 73
O 8118	do.	V. Mueller & Co.	Building supplies	17 93
O 8119	do.	Maas Brothers	Office supplies	3 80
O 8120	do.	McIntosh Stereopticon Co.	Carbons	6 02
O 8121	do.	Arthur Ochs	Rabbits and pigs	27 00
O 8122	do.	Pittsburgh Plate Glass Co.	Glass	11 00
O 8123	do.	Physicians' Supply & Drug Co.	Cedar oil	9 00
O 8124	do.	Elin M. Scaberg	Services	5 00
O 8125	do.	E. H. Sargent & Co.	Trypan blue	3 75
O 8126	do.	Bradner Smith & Co.	Office supplies	66 08
O 8127	do.	Swift & Co.	Beef hearts	3 65
O 8128	do.	Thompson & Jameson	Machinery	2 34
O 8129	do.	The University Hospital	Board and room	205 25
O 8130	do.	Western Fuel Co.	Coal	122 84
O 8131	do.	The Western Electric Co.	Springs	6 02
O 8132	do.	Whitall Tatum Co.	Medicine droppers	10 56
O 8133	do.	Western Lumber Co.	Dowel pins and cypress	5 50
O 8134	do.	Alexander Lumber Co.	Lime	1 15
O 8135	do.	O. M. Allyn	Traveling expense	19 56
O 8136	do.	The Burr Co.	Building material	23 29
O 8137	do.	Bausch & Lomb Optical Co.	Circles	1 57
O 8138	do.	Champaign Steam Laundry	Laundry	67 54
O 8139	do.	Chester Horseshoeing Shop	Horseshoes	14 00
O 8140	do.	Champaign Seed Co.	Sweet clover	34 20
O 8141	do.	Central Electric Co.	Cord and plugs	18 38
O 8142	do.	P. S. Campbell	Printing	7 75

## OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
1915				
O 8143	Apr. 16	S. E. Dillavou.	Repair work.	\$ 9 30
O 8144	do.	John H. Doyle.	General supplies.	18 91
O 8145	do.	Eisner Grocery Co.	Jars.	12 00
O 8146	do.	C. C. Ferguson.	Horseshoes.	4 00
O 8147	do.	Fuller-Morrisson Co.	Chemicals.	2 27
O 8148	do.	Flanigan-Pearson Co.	Printing.	31 50
O 8149	do.	J. H. Finch.	Curtains.	3 80
O 8150	do.	General Electric Co.	Carbons.	1 20
O 8151	do.	Great Western Mfg. Co.	Riddles.	2 10
O 8152	do.	G. R. Grubb & Co.	Zinc etchings.	8 00
O 8153	do.	H. A. Hollister.	Traveling expense.	24 83
O 8154	do.	Hall Hardware Co.	Forks and hinge.	1 10
O 8155	do.	C. A. Hughes.	Traveling expense.	25 79
O 8156	do.	Samuel Harris & Co.	Key rings.	5 34
O 8157	do.	Illinois State Reformatory.	Printing.	50 05
O 8158	do.	Illinois Steel Co.	Steel.	52 36
O 8159	do.	J. M. Kaufman.	Duck coats.	6 00
O 8160	do.	D. H. Lloyd.	Blue printing.	9 19
O 8161	do.	Ernst Leitz.	Globes.	4 81
O 8162	do.	The Lunkenheimer Co.	Grease cups.	3 04
O 8163	do.	C. C. Logan.	Traveling expense.	16 10
O 8164	do.	F. M. Leslie.	Shellac.	6 25
O 8165	do.	Herbert W. Mumford.	Traveling expense.	9 64
O 8166	do.	C. L. Mays.	Records.	4 50
O 8167	do.	J. R. Midyett.	Field work.	33 90
O 8168	do.	A. L. Moats.	do.	38 30
O 8169	do.	Metzler & Schafer Co.	Food supplies.	128 40
O 8170	do.	W. A. Noyes.	Traveling expense.	67 00
O 8171	do.	F. H. Newell.	do.	50 00
O 8172	do.	Neostyle Co.	Office supplies.	1 75
O 8173	do.	Oldham Brothers.	Chemicals.	2 15
O 8174	do.	E. P. Reichhelm.	General supplies.	16 06
O 8175	do.	Roovers Brothers.	Zinc tape.	3 15
O 8176	do.	F. K. Robeson.	Toweling.	135 34
O 8177	do.	Arthur Warren Smith.	Manuscripts.	20 00
O 8178	do.	Swartz Electric Shop.	Cooper wire.	2 45
O 8179	do.	Royal A. Stipes.	Sand.	3 50
O 8180	do.	E. H. Sargent & Co.	Chemical supplies.	203 06
O 8181	do.	B. E. Spalding.	Formaldehyde.	1 65
O 8182	do.	Taylor Hardware Co.	General supplies.	23 19
O 8183	do.	Twin City Printing Co.	Printing.	47 00
O 8184	do.	The Tablet & Ticket Co.	Office supplies.	4 52
O 8185	do.	Vaughan's Seed Store.	Plants.	2 60
O 8186	do.	W. W. Walls & Co.	Dental plaster.	4 80
O 8187	do.	G. C. Willis.	Nesco pans.	3 40
O 8188	Apr. 21	Association Arch Printing & Supply Co.	Printing.	3 04
O 8189	do.	Mrs. Elsie Blaisdell.	Laundry.	5 65
O 8190	do.	Bausch & Lomb Optical Co.	Laboratory supplies.	135 44
O 8191	do.	The Creamery Package Mfg. Co.	W. and R. color.	8 80
O 8192	do.	Geo. B. Carpenter & Co.	Emery cloth.	3 45
O 8193	do.	Mrs. E. W. Donoho.	Lecture.	10 00
O 8194	do.	T. W. Dieckmann.	Traveling expense.	10 06
O 8195	do.	J. J. Didecot.	do.	46 83
O 8196	do.	The Florists' Exchange.	Journal.	1 00
O 8197	do.	General Refractories Co.	Fire clay.	8 25
O 8198	do.	The Illinois Teacher.	Advertising.	36 00
O 8199	do.	Keuffel & Esser Co.	Scales and rule.	10 50
O 8200	do.	Louis Melind Co.	Office supplies.	5 10
O 8201	do.	McCurdys Supply Station.	Crawfish.	2 94
O 8202	do.	Manning, Maxwell & Moore.	Worm wheel.	6 25
O 8203	do.	The National Ammonia Co.	Chemicals.	26 00
O 8204	do.	Putman-Page Co.	Office equipment.	1 20
O 8205	do.	John Reichard.	Ear corn.	617 98
O 8206	do.	Smith & Co.	Ice.	40 00
O 8207	do.	Sharon Coal & Brick Co.	Coal.	146 25
O 8208	do.	The Schapirograph Co.	Films.	11 25
O 8209	do.	The W. S. Tyler Co.	Scale sieves.	9 90
O 8210	do.	Twin City Printing Co.	Printing.	8 50
O 8211	do.	University of Illinois Supply Store.	Folder boxes.	27 08
O 8212	do.	J. D. White.	Postage.	421 62
O 8213	do.	The Weis Mfg. Co.	Office equipment.	1 44
O 8214	do.	R. C. Wagner & Son.	Coal.	8 17
O 8215	do.	F. W. Woolworth Co.	Food supplies.	2 20
O 8216	do.	Emma Rohweder.	Wages.	40 00
O 8217	do.	W. W. Miller.	do.	75 00
O 8218	do.	R. M. Ross.	do.	80 00
O 8219	do.	Sadie Jones.	do.	50 00
O 8220	do.	Alice Reed.	do.	60 00
O 8221	do.	Hubert Rehfeldt.	do.	40 00

## OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
1915				
O 8222	Apr. 21	John T. Blackwell.....	Wages.....	\$ 60 00
O 8223	do.	William Braun.....	do.....	40 00
O 8224	do.	Peter Drennan.....	do.....	80 00
O 8225	do.	Joseph Klena.....	do.....	60 00
O 8226	do.	Harry Schultz.....	do.....	35 00
O 8227	do.	Herbert A. Matthes.....	do.....	40 00
O 8228	do.	Simon David.....	do.....	50 00
O 8229	do.	Elia George.....	do.....	50 00
O 8230	do.	John Kastanos.....	do.....	50 00
O 8231	do.	Johann Becker.....	do.....	55 00
O 8232	do.	William Kerechan.....	do.....	50 00
O 8233	do.	Jacob Solomon.....	do.....	50 00
O 8234	do.	C. F. Harding.....	do.....	100 00
O 8235	do.	Albert Bradford.....	Salary.....	60 00
O 8236	do.	Pay roll.....	April, 1915.....	285 00
		Campbell, Charles A.....	Salary.....	\$ 65 00
		Chapman, Claude C.....	do.....	100 00
		Torngquist, Andrew.....	do.....	75 00
		Utterback, Hugh.....	do.....	45 00
O 8237	do.	Pay roll.....	April, 1915.....	305 00
		Brown, Earl R.....	Salary.....	45 00
		McMillen, Mary B.....	do.....	50 00
		McQueen, Harry D.....	do.....	55 00
		Patterson, Willa.....	do.....	50 00
		Ross, M. D.....	do.....	55 55
		Stivers, Moses.....	do.....	50 00
O 8238	do.	B. H. Dunlap.....	Wages.....	70 00
O 8239	do.	L. A. Hunter.....	do.....	80 00
O 8240	do.	G. S. Beaumont.....	do.....	42 50
O 8241	do.	R. S. Dunham.....	do.....	53 07
O 8242	do.	C. T. Hufford.....	do.....	55 77
O 8243	do.	K. W. Parkinson.....	do.....	48 46
O 8244	do.	E. J. Pilchard.....	do.....	29 42
O 8245	do.	Robert W. Stark.....	do.....	100 00
O 8246	do.	W. L. Bennett.....	do.....	75 00
O 8247	do.	J. C. Anderson.....	do.....	70 00
O 8248	do.	F. C. Richey.....	do.....	57 50
O 8249	do.	T. R. Shiveley.....	do.....	57 50
O 8250	do.	J. R. Kelley.....	do.....	65 00
O 8251	do.	L. E. Knorr, Acting Comptroller.....	General labor.....	444 76
O 8252	do.	L. E. Knorr, Acting Comptroller.....	Student labor.....	394 29
O 8253	Apr. 22	Pay roll.....	April, 1915.....	1,430 83
		Argo, Roy.....	Salary.....	55 00
		Barto, Mrs. D. O.....	do.....	20 00
		Chaplin, Ralph.....	do.....	60 00
		Engle, W. J.....	do.....	75 00
		Flocken, J. B.....	do.....	65 00
		Hamton, W. J.....	do.....	75 00
		Hough, Wm.....	do.....	83 33
		Jenkins, E. H.....	do.....	60 00
		Jensen, G. C.....	do.....	60 00
		Jones, W. C.....	do.....	75 00
		Meenach, Earl.....	do.....	70 00
		Miller, H. O.....	do.....	47 50
		Murdock, J. E.....	do.....	65 00
		Pine, Fred.....	do.....	80 00
		Pollard, Chas.....	do.....	50 00
		Pritchard, H.....	do.....	70 00
		Pritchard, R.....	do.....	65 00
		Rhoads, Hazel.....	do.....	60 00
		Sanders, Frank.....	do.....	50 00
		Sprinkle, D. C.....	do.....	50 00
		Stoneburner, A. J.....	do.....	50 00
		Hamlin, Hiram.....	do.....	55 00
		Hamlin, Clyde.....	do.....	60 00
		Marsh, W. T.....	do.....	30 00
O 8254	do.	Pay roll.....	April, 1915.....	846 33
		Bote, Geo. S.....	Salary.....	80 00
		Brentlinger, Emmett.....	do.....	55 00
		Brooks, D. T.....	do.....	33 33
		Carr, Thos. D. T.....	do.....	50 00
		Dillion, Jasper.....	do.....	55 00
		Engle, Lawrence.....	do.....	25 00
		Harry, W. L.....	do.....	100 00
		Lowe, Lucy.....	do.....	45 00
		Mapes, M. H.....	do.....	50 00
		Peterson, A. C.....	do.....	45 00
		Procise, F. R.....	do.....	50 00
		Sharp, Ethel.....	do.....	50 00

## OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
1915				
O 8254	Apr. 22	Stoltzfus, A. L.	Salary	\$48 00
Cld.		Utterback, L.	do.	50 00
		Whitmire, J. S.	do.	60 00
		Zachmire, C. E.	do.	50 00
O 8255	do.	Hazel Clemence	Wages	\$ 65 00
O 8256	do.	John Palfrey	do.	75 00
O 8257	do.	Jeanette Craigmile	do.	50 00
O 8258	do.	H. A. Cate	do.	70 00
O 8259	do.	Earl Garver	do.	65 00
O 8260	do.	Chas. B. Price	do.	60 00
O 8261	do.	C. G. Cox	do.	60 00
O 8262	do.	H. C. Lawson	do.	60 00
O 8263	do.	R. R. Manley	do.	55 00
O 8264	do.	R. H. Hadley	do.	55 00
O 8265	do.	Ralph Engle	do.	30 00
O 8266	do.	E. K. Augustus	do.	70 00
O 8267	do.	Fred J. Blackburn	do.	60 00
O 8268	do.	C. A. Hughes	do.	50 00
O 8269	do.	The A. H. Andrews Co.	Charities	5 40
O 8270	do.	J. E. Bentley	Dusters	9 00
O 8271	do.	C. H. Besley & Co.	Files and drills	21 57
O 8272	do.	H. W. Blaney	Traveling expense	17 90
O 8273	do.	Chas. E. Buckhart	Field work	18 75
O 8274	do.	A. M. Brunson	Traveling expense	17 24
O 8275	do.	Geo. B. Carpenter & Co.	Water glasses	5 72
O 8276	do.	W. T. Crandall	Traveling expense	13 17
O 8277	do.	The Caldwell Co.	Lamps	179 55
O 8278	do.	C. B. Clevenger	Traveling expense	3 45
O 8279	do.	E. W. Dickenson	do.	39 13
O 8280	do.	Dallenbach Brothers	Slaughtering beef	2 00
O 8281	do.	Marshall Field & Co.	Gauze	22 91
O 8282	do.	F. A. Fisher	Traveling expense	9 24
O 8283	do.	Garlock Packing Co.	Packing	131 41
O 8284	do.	Hoosier Mfg. Co.	Soap	24 26
O 8285	do.	The Hoppes Mfg. Co.	Charts	2 62
O 8286	do.	L. A. Hunter	Traveling expense	7 94
O 8287	do.	H. W. Johns-Manville Co.	Packing	14 76
O 8288	do.	Samuel Lewis	Toilet paper	27 05
O 8289	do.	Laclede Christy Clay Products Co.	Arch tile	6 00
O 8290	do.	National Lead Co.	Lead in oil	33 73
O 8291	do.	Pittsburgh Meter Co.	Discs comp.	2 11
O 8292	do.	L. H. Provine	Traveling expense	7 99
O 8293	do.	Geo. F. Righter	Oil	38 80
O 8294	do.	Harvey A. Sellers	Floor dressing	11 40
O 8295	do.	Southern Illinois Penitentiary	Brushes	12 00
O 8296	do.	Stromberg Electric Co.	Office supplies	5 44
O 8297	do.	Swartz Electric Shop	Wire	17 50
O 8298	do.	V. E. Spencer	Traveling expense	16 15
O 8299	do.	Edw. A. Schwing	do.	4 40
O 8300	do.	W. H. Sachs	do.	5 90
O 8301	do.	Wadsworth-Howland Co.	Polish	5 88
O 8302	do.	The Warren Brush Co.	Brushes	37 05
O 8303	do.	O. S. Watkins	Traveling expense	20 73
O 8304	do.	H. A. deWerff	do.	31 60
O 8305	do.	J. E. Whitechurch	do.	61 88
O 8306	Apr. 23	American Clip Co.	Gem clips	1 50
O 8307	do.	S. V. Holt	Traveling expense	35 39
O 8308	do.	B. E. Powell	do.	2 67
O 8309	do.	J. Adams Puffer	Lectures	20 00
O 8310	do.	C. C. Logan	Traveling expense	33 43
O 8311	do.	Geo. W. Medley	Field work	44 95
O 8312	do.	C. R. Richards	Traveling expense	185 17
O 8313	do.	Chas. C. Smith	Signals	1 50
O 8314	do.	United State Blue Print Paper Co.	Ink	2 78
O 8315	do.	Whiting	Office supplies	98 16
O 8316	do.	H. C. Wheeler	Traveling expense	33 87
O 8317	do.	S. O. Andros	do.	15 73
O 8318	do.	Ward's National Science Establishment	Laboratory supplies	3 22
O 8319	do.	Addressograph	Printing	2 21
O 8320	do.	G. C. Willis	General supplies	5 73
O 8321	do.	American Chemical Society	Printing	3 70
O 8322	do.	Barnhart Brothers	Springs	5 55
O 8323	do.	R. W. Braithwaite	White rock	1 00
O 8324	do.	Chester Transfer Co.	Drayage	37 61
O 8325	do.	Champaign Seed Co.	Alfalfa	2 70
O 8326	do.	A. C. Callen	Traveling expense	10 85
O 8327	do.	H. L. Huenink	Wages	70 00
O 8328	do.	Derrough & Co.	Shear repair	1 00
O 8329	do.	John H. Doyle	Machinery	6 20

## OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
<b>1915</b>				
O 8330	Apr. 23	Elmer & Amend.	Chemicals.	\$ 39 56
O 8331	do.	Flanigan-Pearson Co.	Printing.	31 00
O 8332	do.	Watson Faulkner.	General supplies.	2 55
O 8333	do.	G. R. Grubb & Co.	Office equipment.	42 85
O 8334	do.	The Western Electric Co.	Electrical supplies.	28 48
O 8335	do.	Harry Herrick.	Oil.	1 90
O 8336	do.	Hoffman & Kropff Chemical Co.	Chemicals.	1 95
O 8337	do.	Harshaw, Fuller & Goodwin Co.	Carbolic acid.	7 67
O 8338	do.	Vaughans Seed Store.	Seeds.	25 48
O 8339	do.	Hunter Rourke & Co.	Posts.	67 96
O 8340	do.	Illinois State Reformatory.	Printing.	27 55
O 8341	do.	Indian Refining Co.	Oil.	7 93
O 8342	do.	Urbana Courier Co.	Printing.	2 50
O 8343	do.	A. W. Jamison.	Traveling expense.	8 80
O 8344	do.	Kentucky Tobacco Product Co.	Nico-tume.	4 12
O 8345	do.	Julius King Optical Co.	Eye protectors.	6 79
O 8346	do.	D. H. Lloyd.	Office supplies.	132 16
O 8347	do.	W. Lewis & Co.	Toweling.	5 00
O 8348	do.	A. E. C. Lathrop.	Rats.	1 00
O 8349	do.	J. G. Mosier.	Traveling expense.	12 08
O 8350	do.	McIntosh Stereopticon Co.	Carbons.	6 00
O 8351	do.	Twin City Roofing Co.	Tin pipes.	1 80
O 8352	do.	National Carbon Co.	Cells.	5 88
O 8353	do.	Arthur L. Ormay.	Blue printing.	1 88
O 8354	do.	Oldham Brothers.	Chemicals.	7 70
O 8355	do.	Poehlmann Brothers Co.	Office equipment.	13 87
O 8356	do.	The Tablet & Ticket Co.	Office supplies.	8 13
O 8357	do.	W. S. Perrine.	Sulphur.	33 00
O 8358	do.	Pittsburgh Plate Glass Co.	Glass.	33 81
O 8359	do.	Raymond Lead Co.	Tin pipe.	19 58
O 8360	do.	F. K. Robeson.	Sheets.	3 54
O 8361	do.	The Ronald Press Co.	Advertising.	2 50
O 8362	do.	Reliable Plumbing & Heating Co.	Pipes.	11 91
O 8363	do.	E. H. Sargent & Co.	Chemicals.	13 40
O 8364	do.	John W. Spalding.	Horseshoes.	8 00
O 8365	do.	B. F. Stevenson & Son.	Food supplies.	14 60
O 8366	do.	E. H. Swigert.	Piano tuning.	10 00
O 8367	do.	Taylor Hardware Co.	Glass.	5 80
O 8368	Apr. 26	F. J. Burns.	Live frogs.	3 30
O 8369	do.	George Curtis.	Traveling expense.	11 76
O 8370	do.	Coldwell Lawn Mower Co.	Friction ring.	7 50
O 8371	do.	The Engineering & Mining Journal.	Journal.	5 00
O 8372	do.	General Chemical Co.	Chemicals.	108 13
O 8373	do.	S. N. Gilmore.	Traveling expense.	16 10
O 8374	do.	N. W. Hepburn.	do.	21 68
O 8375	do.	Irving Pitt Mfg. Co.	Ledger binder.	8 50
O 8376	do.	Illinois State Penitentiary.	Brooms.	3 08
O 8377	do.	F. J. Marshall.	Traveling expense.	37 71
O 8378	do.	E. J. Potter.	Modeling wax.	4 50
O 8379	do.	Theodore C. Pease.	Traveling expense.	21 90
O 8380	do.	Remington Typewriter Co.	Keys.	3 15
O 8381	do.	Southern Illinois Penitentiary.	Lime dust.	64 70
O 8382	do.	H. Swannell & Son.	Laboratory apparatus.	7 50
O 8383	do.	Spencer Lens Co.	do.	9 92
O 8384	do.	Stipes & Hecker.	Lime.	2 30
O 8385	do.	Jerome J. Sloyann.	Traveling expense.	30 00
O 8386	do.	Sears, Roebuck & Co.	Blue printing.	21 96
O 8387	do.	G. W. Sheldon & Co.	Freight.	27 09
O 8388	do.	The University Press.	Printing.	3 00
O 8389	do.	F. W. Wascher.	Traveling expense.	44 34
O 8390	do.	J. E. Morgan.	Wages.	15 00
O 8391	do.	Lavina Dille.	do.	60 00
O 8392	do.	Mrs. Louise Redman.	do.	60 00
O 8393	do.	Mrs. May Kramer.	do.	45 00
O 8394	do.	Mrs. Lizzie Shue.	do.	40 00
O 8395	do.	Mrs. A. D. Horn.	do.	35 00
O 8396	do.	Lawrence Nesbit.	do.	55 00
O 8397	do.	Florence Stoutzenberg.	do.	25 00
O 8398	do.	C. E. Glick.	do.	16 25
O 8399	do.	J. F. Romine.	do.	16 25
O 8400	do.	Florence Churton.	do.	40 00
O 8401	do.	Irma Latzer.	do.	17 50
O 8402	do.	E. W. Mattoon.	do.	60 00
O 8403	Apr. 27	C. A. Brumley.	do.	57 20
O 8404	do.	H. R. Farrington.	do.	50 00
O 8405	do.	Daisy O. Swearingen.	do.	50 00
O 8406	do.	Forest Mock.	do.	50 00
O 8407	do.	K. Hathaway.	do.	50 00
O 8408	do.	R. S. Zeitler.	do.	65 00

## OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
<b>1915</b>				
O 8409	Apr. 27	F. E. Cavette.....	Wages.....	\$ 40 00
O 8410	do.	S. D. Harwood.....	do.....	28 25
O 8411	do.	H. A. Branan.....	do.....	21 50
O 8412	do.	R. W. Millar.....	do.....	14 40
O 8413	do.	G. A. Deveneau.....	do.....	12 60
O 8414	do.	M. F. Edwards.....	do.....	14 80
O 8415	do.	B. R. Ordonez.....	do.....	90 00
O 8416	do.	R. W. Dickenson.....	Traveling expense.....	36 99
O 8417	do.	Freeman & Brooks.....	Labor.....	12 80
O 8418	do.	A. F. Gustafson.....	Traveling expense.....	21 97
O 8419	do.	Graham Paper Co.....	Office supplies.....	37 74
O 8420	do.	H. C. Gilkerson.....	Traveling expense.....	38 16
O 8421	do.	Irving Pitt Mfg. Co.....	Binders.....	1 11
O 8422	do.	Ulric Johnson.....	Field work.....	49 80
O 8423	do.	C. H. Johnston.....	Traveling expense.....	38 28
O 8424	do.	W. H. Leavitt.....	do.....	25 00
O 8425	do.	McKey & Poague.....	Rent.....	500 00
O 8426	do.	Gerald D. Stopp.....	Traveling expense.....	13 98
O 8427	do.	J. V. Stevenson.....	Lecture.....	15 00
O 8428	do.	Edward C. Schmidt.....	Traveling expense.....	3 00
O 8429	do.	The Thompson & Norris Co.....	Book wraps.....	4 18
O 8430	do.	C. J. Welch.....	Concrete.....	3 60
O 8431	do.	C. H. Woolbert.....	Traveling expense.....	8 78
O 8432	Apr. 28	Ahrens & Schreiner.....	Laboratory supplies.....	3 30
O 8433	do.	Bradner, Smith & Co.....	Office supplies.....	6 80
O 8434	do.	Fuller-Morrisson Co.....	Paints.....	5 58
O 8435	do.	Illinois Malleable Iron Co.....	Machinery.....	2 21
O 8436	do.	Heath & Milligan Mfg. Co.....	Building supplies.....	6 00
O 8437	do.	Maas Brothers.....	Building material.....	16 90
O 8438	do.	V. Mueller & Co.....	General supplies.....	23 20
O 8439	do.	The Western Electric Co.....	Building material.....	29 84
O 8440	do.	H. L. Gannett.....	Traveling expense.....	25 00
O 8441	do.	Chicago Bank & Office Fixture Co.....	Office supplies.....	5 00
O 8442	do.	American Electric Supply Co.....	Lamp cord.....	3 29
O 8443	do.	Physicians' Supply & Drug Co.....	Laboratory apparatus.....	3 80
O 8444	do.	Western Lumber Co.....	Lumber.....	38 15
O 8445	do.	Pittsburgh Plate Glass Co.....	Putty.....	3 23
O 8446	do.	Barron Bros. Coal Co.....	Chicken feed.....	1 12
O 8447	do.	A. C. McClurg & Co.....	Office supplies.....	1 82
O 8448	do.	Demonstrators' Association of Illinois.....	General supplies.....	10 99
O 8449	do.	Paul M. Hengstenberg.....	Stain.....	7 50
O 8450	do.	Spencer Lens Co.....	Cover glasses.....	6 11
O 8451	do.	Chicago Towel Co.....	Laundry.....	27 24
O 8452	do.	Library Bureau.....	Transfer box.....	2 55
O 8453	do.	Individual Drinking Cup Co.....	Building equipment.....	10 00
O 8454	do.	West Side Hospital of Chicago.....	Board and room.....	13 50
O 8455	do.	John Bohr.....	Bohr's invest comp.....	10 00
O 8456	do.	Cunningham Bros.....	Chemicals.....	2 95
O 8457	do.	R. W. Braithwaite.....	Services.....	24 50
O 8458	do.	P. S. Campbell.....	Printing.....	8 40
O 8459	do.	The Burr Co.....	Building material.....	83 00
O 8460	do.	Flanigan-Pearson Co.....	Printing.....	336 53
O 8461	do.	Hatch-Wilcoxson Coal Co.....	Coal.....	73 68
O 8462	do.	Eimer & Amend.....	Chloride.....	15 22
O 8463	do.	Hunter Rourke & Co.....	Lumber.....	10 20
O 8464	do.	Illinois State Reformatory.....	Printing.....	61 20
O 8465	do.	United States Blue Print Paper Co.....	Office supplies.....	15 78
O 8466	do.	Leigh F. Maxcy.....	Seed corn.....	24 00
O 8467	do.	Taylor Hardware Co.....	General supplies.....	31 18
O 8468	do.	D. H. Lloyd.....	Blue printing.....	27 91
O 8469	do.	Tablet & Ticket Co.....	Printing.....	43 37
O 8470	do.	Stopes & Hecker.....	Cement.....	19 50
O 8471	do.	The University Press.....	Printing.....	5 75
O 8472	do.	University of Illinois Supply Store.....	Blue print.....	2 25
O 8473	do.	O. S. Watkins.....	Traveling expense.....	14 78
O 8474	do.	Vaughan's Seed Store.....	Plants.....	1 00
O 8475	do.	Munhall Printing House.....	Printing.....	2 35
O 8476	do.	Machinist Supply Co.....	Chain.....	6 84
O 8477	do.	Metzler & Schafer Co.....	Laboratory supplies.....	1 35
O 8478	do.	A. N. Pierson.....	Snaptags.....	3 00
O 8479	do.	The Peoples Gas Light & Coke Co.....	Lighting.....	40 26
O 8480	do.	Roberts Mfg. Co.....	Wall board.....	1 18
O 8481	do.	J. T. Ryerson & Son.....	Lumber.....	5 60
O 8482	do.	James H. Rhodes & Co.....	Drum of chloride.....	17 33
O 8483	do.	Setton Mfg. Co.....	Design boxes.....	6 75
O 8484	do.	J. H. Schuman.....	Wire.....	7 84
O 8485	do.	Swartz Electric Shop.....	Batteries.....	2 00
O 8486	do.	Geo. Strode.....	Awnings.....	30 00
O 8487	do.	J. M. Hanson-Bennett Magazine Agency.....	Magazines.....	3 00

## OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1915			
O 8488	Apr. 28	Twin City Creamery Co.	Salt.	\$ 4 60
O 8489	do.	Knowlton & Bennett.	Bees wax.	1 15
O 8490	do.	Doehler Die Casting Co.	General supplies.	14 88
O 8491	do.	Illinois Steel Co.	Nickel steel.	6 39
O 8492	do.	High School Life.	Advertising.	5 00
O 8493	do.	Harris-Dillavou & Co.	Smithing Coal.	24 25
O 8494	do.	S. E. Huff & Co.	Lumber.	9 65
O 8495	do.	Grasselli Chemical Co.	Chemicals.	4 95
O 8496	do.	General Chemical Co.	do.	20 74
O 8497	do.	T. E. Goodrich.	Potatoes.	4 00
O 8498	do.	W. M. Davis.	Machine repairs.	8 60
O 8499	do.	Fuller-Morrison Co.	Seeds.	6 43
O 8500	do.	W. M. Atwell.	Apparatus repairs.	5 00
O 8501	do.	Commercial Acetylene Ry., Light & Signal Co.	Gas.	3 38
O 8502	do.	The Carborundum Co.	Alox cloth.	5 25
O 8503	do.	Champaign Steam Laundry.	Laundry.	7 25
O 8504	do.	Burke & James.	M. P. film.	3 25
O 8505	do.	Franz A. Aust.	Traveling expense.	8 11
O 8506	do.	American Steel & Wire Co.	Fencing.	258 72
O 8507	Apr. 29	Ora B. Castle.	Wages.	50 00
O 8508	do.	Alice Probst.	do.	32 81
O 8509	do.	F. A. Louret.	do.	45 00
O 8510	do.	S. E. Dillavou.	Machinery.	2 55
O 8511	do.	Margaret Mann.	Traveling expense.	49 20
O 8512	do.	Mary E. Ahern.	do.	17 24
O 8513	do.	Alex Harman & Son.	Horse shoeing.	12 90
O 8514	do.	H. A. Hollister.	Traveling expense.	17 10
O 8515	do.	Harris-Dillavou & Co.	Bernice lump.	6 50
O 8516	do.	D. T. Dobbins.	Feeding stuffs.	3 18
O 8517	do.	The Letter Shop.	Printing.	8 10
O 8518	do.	B. E. Spalding.	Chemicals.	1 85
O 8519	do.	Stock Yards Harness & Saddlery Co.	General.	5 00
O 8520	Apr. 30	L. E. Knorr, Acting Comptroller.	Student labor.	269 93
O 8521	do.	L. E. Knorr, Acting Comptroller.	General labor.	338 79
O 8522	do.	Freidenker Publishing Co.	Incidentals.	8 00
O 8523	do.	The Illinois Agriculturist.	Sundries.	61 50
O 8524	do.	The Illinois Products Co.	Laboratory supplies.	20 00
O 8525	do.	P. S. Campbell.	Programs.	7 05
O 8526	do.	Soc. Amer. Bacteriologists.	Charts.	3 32
O 8527	do.	Quality Grocery & Market.	Laboratory supplies.	18 15
O 8528	do.	Two Rivers Coal Co.	Sulphur rock.	5 95
O 8529	do.	Leavitt Mfg. Co.	Coke.	11 83
O 8530	do.	Flanigan-Pearson Co.	Printing.	9 50
O 8531	do.	S. E. Huff & Co.	General supplies.	6 60
O 8532	do.	Hoffman & Kropff Chemical Co.	Laboratory supplies.	6 00
O 8533	do.	Eimer & Amend.	do.	1 11
O 8534	do.	Champaign Bottling Works.	do.	6 00
O 8535	do.	Twin City Ice & Cold Storage Co.	General supplies.	12 00
O 8536	do.	American Physicians Education Assn.	Advertising.	3 50
O 8537	do.	J. A. Sperry.	Laboratory supplies.	6 75
O 8538	do.	Ralph E. Heilman.	Traveling expense.	4 73
O 8539	do.	W. Wallis.	Postage.	1 00
O 8540	do.	R. E. Hieronymus.	Traveling expense.	29 91
O 8541	do.	B. H. Bode.	Traveling expense.	8 02
O 8542	do.	Urbana & Champaign Ry., Gas & Electric Co.	Gas and electricity.	735 58
O 8543	do.	E. H. Sargent & Co.	Filter papers.	10 11
O 8544	do.	Tablet & Ticket Co.	Office supplies.	9 15
O 8545	do.	Illinois State Reformatory.	Letter heads.	65 15
O 8546	do.	The University Press.	Printing.	15 45
O 8547	do.	A. O. Magnuson.	Wages.	80 00
O 8548	do.	Kelsey B. Gardner.	do.	65 00
O 8549	do.	Pittsburgh Plate Glass Co.	Building maintenance.	1 15
O 8550	do.	Western Lumber Co.	White pine.	2 20
O 8551	do.	Physician's Supply & Drug Co.	General supplies.	3 22
O 8552	do.	A. C. McClurg & Co.	General supplies.	13 11
O 8553	do.	Harms & Scheuber.	Feed.	5 00
O 8554	do.	Henry Heil Chemical Co.	General supplies.	5 81
O 8555	do.	Barron Bros. Coal Co.	Feed.	2 97
O 8556	do.	A. K. Sutch.	General supplies.	1 50
O 8557	do.	Wm. H. Browne.	Traveling expense.	14 49
O 8558	do.	Neostyle Co.	General supplies.	1 75
O 8559	do.	Western Electric Co.	Apparatus.	9 45
O 8560	do.	High School Life.	Advertising.	8 00
O 8561	do.	Aaron Peters Laboratories, Inc.	General supplies.	12 00
O 8562	do.	Thomas J. Bee & Co.	General supplies.	74 95



## OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
<b>1915</b>				
O 8563	Apr. 30	E. H. Sargent & Co.	Bottles.	\$ 19 14
O 8564	do.	H. F. Bremer.	Dent. repairs.	61 23
O 8565	do.	Ahrens & Schreiner.	General supplies.	10 61
O 8566	do.	V. Mueller & Co.	do.	8 20
O 8567	do.	C. L. Frame Dental Supply Co.	do.	37 05
O 8568	do.	Maas Brothers.	do.	25 25
O 8569	do.	Arthur Ochs.	Animals.	72 75
O 8570	do.	Fuller-Morrison Co.	Laboratory supplies.	122 43
O 8571	do.	Peoples Gas, Light & Coke Co.	Gas.	47 84
O 8572	do.	F. J. Burns & Co.	Frogs and turtles.	13 20
O 8573	do.	John Becker.	Animals.	26 30
O 8574	May 3	Minneapolis Symphony Orchestra.	Orchestra concert.	1,200 00
O 8575	May 4	Pay roll.	April, 1915.	1,739 77
		Browning, J. E.	Salary.	\$60 00
		Cagann, Karl.	do.	58 72
		Clark, Bert.	do.	63 90
		Crackel, Ben.	do.	57 60
		Crump, Frank.	do.	67 20
		Felgner, M.	do.	53 20
		Fox, Felix.	do.	68 85
		Glenn, V. S.	do.	50 20
		Johns, E.	do.	54 20
		Kenney, T. J.	do.	68 75
		Klien, J. A. J.	do.	70 14
		Mathews, Thurman R.	do.	62 00
		Moody, D. L.	do.	56 80
		McDaniel, B. F.	do.	50 40
		Neblock, Carl.	do.	83 40
		Ollis, C. M.	do.	60 00
		Palfreyman, Richard A.	do.	47 10
		Presson, Edwin W.	do.	50 60
		Frevett, W. C.	do.	60 00
		Smock, Lloyd H.	do.	60 00
		Strum, Gus.	do.	68 85
		Swearingen, Henry O.	do.	65 36
		Tatlock, Roy.	do.	51 40
		Utterback, Oliver J.	do.	55 40
		Walters, Philip.	do.	36 80
		Wells, T. E.	do.	63 90
		Wiltz, Frank A.	do.	85 00
		Wingler, Walter.	do.	58 00
		Carothers, Cevilla.	do.	52 00
O 8576	do.	Pay roll.	April, 1915.	4,613 48
		Atwell, W. M.	Salary.	\$ 58 38
		Bailey, J. E.	do.	57 96
		Boyer, George W.	do.	57 96
		Brown, Harry.	do.	61 95
		Brown, Basil.	do.	72 96
		Bullock, David M.	do.	62 79
		Butler, T.	do.	65 55
		Carson, Rolla S.	do.	54 40
		Cassidy, James T.	do.	36 60
		Ceduskey, John.	do.	79 20
		Cheever, John W.	do.	52 00
		Collins, Albert L.	do.	59 80
		Crawford, Roy W.	do.	46 00
		Davis, Joseph.	do.	69 93
		English, B. F.	do.	61 41
		Ray, T. J.	do.	93 00
		Fender, Louis.	do.	63 36
		Fiscus, J. J.	do.	65 78
		Fogarty, F.	do.	52 92
		Fogarty, W.	do.	53 20
		Franklin, Thos F.	do.	59 22
		Freeman, C. Y.	do.	59 64
		Graybeal, W. H.	do.	65 31
		Hamlin, Sell.	do.	52 00
		Hanson, S.	do.	69 00
		Hargan, E.	do.	68 62
		Heinz, Luke T.	do.	59 00
		Higgins, Harry.	do.	86 80
		Hixon, W. G.	do.	51 20
		Hoover, Frederick F.	do.	60 94
		Hutton, Ross.	do.	65 90
		Irvine, F.	do.	73 15
		Irvine, James.	do.	53 76
		Johnson, A. L.	do.	50 00
		Johnson, C. C.	do.	60 90
		Jones, Mrs. Margaret.	do.	44 20

## OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
O 8576	1915 May 4	Justus, E. W.	Salary	\$108 00
		Langhoff, F.	do.	63 94
		Lewis, E. C.	do.	71 40
		Litton, A. C.	do.	60 20
		Long, John F.	do.	79 20
		Long, Thomas	do.	81 81
		Mahorney, H. H.	do.	62 33
		Mendenhall, Oscar L.	do.	49 20
		Meneely, Dan.	do.	59 11
		Miller, C. M.	do.	55 23
		Moore, P. O.	do.	51 20
		Morgan, Mrs. Rebecca.	do.	43 35
		Moran, A.	do.	65 25
		McAllister, A. J.	do.	73 92
		McCullough, James.	do.	62 26
		McClughen, Mrs. F. E.	do.	44 20
		McFadden, W. J.	do.	44 40
		McFarland, W. J.	do.	56 20
		Newton, J. R.	do.	64 80
		Peterson, Nick.	do.	52 60
		Perry, F. M.	do.	64 86
		Purkins, J. F.	do.	57 42
		Richards, E.	do.	100 80
		Ryan, Mary E.	do.	39 95
		Servis, A.	do.	66 24
		Snyder, J. C.	do.	51 06
		Stateler, F.	do.	64 46
		Stearns, L. M.	do.	57 96
		Thompson, Herman L.	do.	56 00
		Tillotson, I. F.	do.	65 33
		Toy, George.	do.	63 48
		Turner, George.	do.	64 40
		Warmbier, A.	do.	79 80
		Wharmby, Ed.	do.	69 46
		Wilde, William.	do.	93 00
		Murphy, Ruthe.	do.	60 32
		Henderson, T. O.	do.	104 88
O 8577	do.	H. H. Harris	Wages	\$26 44
O 8578	do.	C. Jessen	do.	22 20
O 8579	do.	H. Jessen	do.	26 13
O 8580	do.	Mark Small.	do.	60 00
O 8581	do.	F. Wilde	do.	30 28
O 8582	do.	J. W. Rhinesmith	do.	45 83
O 8583	do.	M. R. Davis	Stenographer	30 90
O 8584	do.	F. W. Farley	Clerical work.	24 60
O 8585	do.	Chas. H. Rehling.	do.	9 68
O 8586	do.	D. E. Warren	Drafting	4 50
O 8587	do.	D. E. Warren	do.	3 25
O 8588	do.	T. M. Lyons	Wages	47 20
O 8589	do.	Bernard Harrington	do.	60 00
O 8590	do.	L. E. Voorhees	do.	22 25
O 8591	do.	A. M. Eleazarian	do.	20 75
O 8592	do.	G. H. Lindsey	do.	19 50
O 8593	do.	Ralph Powers Brown.	do.	33 30
O 8594	do.	W. C. Choisser	do.	18 00
O 8595	do.	A. C. Hoffman	do.	13 12
O 8596	do.	G. W. Salisbury	do.	15 75
O 8597	do.	G. L. Rigg	do.	19 25
O 8598	do.	G. H. Dungan	do.	21 35
O 8599	do.	H. P. Kelley	do.	22 25
O 8600	do.	O. M. McGhee	do.	23 25
O 8601	do.	T. C. Taylor	do.	14 08
O 8602	do.	J. H. Hedgecock	do.	19 00
O 8603	do.	E. F. Murphy	do.	22 50
O 8604	do.	G. W. Salisbury	do.	24 00
O 8605	do.	W. F. Campbell	do.	16 42
O 8606	do.	P. D. Jenks	do.	25 10
O 8607	do.	A. Semple	do.	20 59
O 8608	do.	H. A. Shonie	do.	24 25
O 8609	do.	M. E. Slater	do.	42 55
O 8610	do.	Edward Brown.	do.	19 00
O 8611	do.	Geo. F. Smalley	do.	46 40
O 8612	do.	C. E. Null	do.	31 00
O 8613	do.	Ida Luther	do.	50 25
O 8614	do.	M. C. Weaver	do.	78 00
O 8615	do.	Mildred Dumke	do.	29 85
O 8616	do.	Asa Egelston	do.	40 00
O 8617	do.	A. C. Hammond	do.	20 90
O 8618	do.	I. W. Traxler	do.	22 40

## OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
	19.5			
O 8619	May 4	K. E. Geisendorfer	Wages	\$ 31 70
O 8620	do.	Carter Floyed	do.	12 90
O 8621	do.	Ray Cooley	do.	14 20
O 8622	do.	H. W. Hollard	do.	23 50
O 8623	do.	M. H. Campbell	do.	18 40
O 8624	do.	C. A. Rust	do.	11 10
O 8625	do.	Jones Garfield	do.	75 00
O 8626	do.	Frank Leggett	do.	24 80
O 8627	do.	Agnes A. Wagner	do.	40 00
O 8628	do.	Albert Woelf	do.	200 00
O 8629	do.	Reuben W. Peterson	do.	6 00
O 8630	do.	A. J. Nickerson	do.	60 00
O 8631	May 6	Allis-Chalmers Mfg. Co.	Brushes	5 28
O 8632	do.	Kendric C. Babcock	Traveling expense	104 46
O 8633	do.	H. W. Blaney	do.	16 19
O 8634	do.	J. W. Burt	Board	4 50
O 8635	do.	Maude Campbell	Traveling expense	45 56
O 8636	do.	Thos. Conron Hardware Co	Carpet tacks	2 50
O 8637	do.	Central Electric Co.	General supplies	115 29
O 8638	do.	The Caldwell Co.	Lamps	18 79
O 8639	do.	George Caven	Sundries	12 00
O 8640	do.	Joseph H. Checkley	Traveling expense	3 80
O 8641	do.	Geo. B. Carpenter & Co	General supplies	20 69
O 8642	do.	Crane Co.	Piping	64 19
O 8643	do.	E. Davenport	Traveling expense	9 80
O 8644	do.	J. J. Didcock	do.	48 93
O 8645	do.	R. W. Dickenson	do.	37 79
O 8646	do.	C. E. Durst	do.	11 34
O 8647	do.	T. W. Dieckmann	do.	7 70
O 8648	do.	E. J. Filbey	do.	10 45
O 8649	do.	Fuller-Morrisson Co	Alcohol	11 56
O 8650	do.	General Electric Co.	Motor	12 18
O 8651	do.	H. S. Grindley	Traveling expense	67 75
O 8652	do.	Garlock Packing Co.	Metal rings	2 64
O 8653	do.	A. J. Gunderson	Traveling expense	41 26
O 8654	do.	A. F. Gustafson	do.	17 27
O 8655	do.	H. A. Harding	do.	39 11
O 8656	do.	S. V. Holt	do.	73 59
O 8657	do.	Paul N. Hanger	do.	33 79
O 8658	do.	E. E. Hoskins	do.	14 39
O 8659	do.	N. W. Hepburn	do.	15 49
O 8660	do.	Indianapolis Belting & Supply Co.	Fittings	118 50
O 8661	do.	M. E. Jahr	Traveling expense	15 54
O 8662	do.	Charles H. Judd	Lecture	25 00
O 8663	do.	S. Logothetti	Traveling expense	2 52
O 8664	do.	C. C. Logan	do.	53 35
O 8665	do.	P. D. Long	Field work	33 32
O 8666	do.	A. L. Moats	do.	26 00
O 8667	do.	Louis Melind Co.	General supplies	2 13
O 8668	do.	Miller-Bryant-Pierce Co.	Office supplies	58 80
O 8669	do.	A. C. McClurg & Co.	Erasers	4 94
O 8670	do.	Manhattan Electric Supply Co.	Wire and cable	178 04
O 8671	do.	Frank A. Pearson	Traveling expense	10 06
O 8672	do.	Pratt & Lambert	Brit vitralite	19 24
O 8673	do.	Powers Regulator Co.	Rubber	12 07
O 8674	do.	B. S. Pickett	Traveling expense	7 63
O 8675	do.	W. A. Ruth	do.	34 67
O 8676	do.	Remington Typewriter Co.	Carbon	15 00
O 8677	do.	Standard Cap & Seal Co.	Rent	4 50
O 8678	do.	E. H. Sargent & Co.	Office supplies	8 19
O 8679	do.	Frank Turner	Traveling expense	46 01
O 8680	do.	J. R. Van Kleck	do.	11 21
O 8681	do.	H. C. Wheeler	do.	59 62
O 8682	do.	F. W. Wascher	do.	24 08
O 8683	do.	Susan B. Walcott	Lecture	10 00
O 8684	do.	The Warner Elevator Mfg. Co.	Springs	2 50
O 8685	do.	West Disinfecting Co.	Towels	31 85
O 8686	do.	Henry B. Ward	Traveling expense	6 35
O 8687	do.	Roger T. Welsh	do.	18 64
O 8688	do.	O. S. Watkins	do.	14 48
O 8689	do.	Maybelle Dallenbach	Wages	21 05
O 8690	do.	Ralph Schecter	do.	29 87
O 8691	do.	G. L. Woodward	do.	20 62
O 8692	do.	Mabel Warinner	do.	22 60
O 8693	do.	Mabel Fielding	do.	67 05
O 8694	do.	Nelle Barnes	do.	15 12
O 8695	do.	Elizabeth Judd	do.	23 70
O 8696	do.	J. A. Romig	do.	45 37
O 8697	do.	Frances J. Perkins	do.	20 00

## OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
1915				
O 8698	May 6	H. L. Buchen	Wages	\$ 21 69
O 8699	do.	Helen Johnson	do.	10 55
O 8700	do.	Dorothy Doty	do.	13 20
O 8701	do.	Lilace Kidd	do.	15 35
O 8702	do.	M. Holbrook	do.	45 00
O 8703	do.	L. E. Knorr, Assistant Comptroller	Student labor	468 40
O 8704	do.	L. E. Knorr, Assistant Comptroller	General labor	568 63
O 8705	May 7	Wm. Aten	Field work	28 13
O 8706	do.	C. G. Cox	Traveling expense	9 01
O 8707	do.	Fred Daebel	do.	36 65
O 8708	do.	David M. Fyffe	do.	25 87
O 8709	do.	H. I. Huntington	do.	19 79
O 8710	do.	R. H. Hadley	do.	4 90
O 8711	do.	Frank Leggett	do.	14 37
O 8712	do.	H. C. Lawson	do.	1 28
O 8713	do.	J. G. Mosier	do.	12 79
O 8714	do.	J. B. Marshall	Field work	131 53
O 8715	do.	Geo. W. Matheny	do.	45 25
O 8716	do.	Frank Morgan	do.	50 40
O 8717	do.	J. T. Newsome	Traveling expense	24 15
O 8718	do.	Chas. B. Price	do.	11 89
O 8719	do.	Theo. C. Pease	do.	1 85
O 8720	do.	Stephen Rogers	Field work	91 05
O 8721	do.	Albert Tate	Field work	49 84
O 8722	do.	L. D. Tilton	Traveling expense	4 14
O 8723	do.	H. C. Wheeler	do.	61 04
O 8724	do.	C. W. Wray	do.	11 40
O 8725	do.	F. W. Wascher	do.	22 40
O 8726	do.	R. S. Zeiler	do.	7 01
O 8727	do.	Chas. Wheatcraft	Wages, April	50 00
O 8728	May 10	The Alumni Quarterly	Advertising	3 25
O 8729	do.	The American Florist Co.	Subscription	1 00
O 8730	do.	The American Mathematical Monthly	do.	25 00
O 8731	do.	C. L. Berger & Sons	Transit hoods	11 25
O 8732	do.	Geo. Banta Publishing Co.	Publications	225 50
O 8733	do.	J. E. Burke & Co.	Printing	4 50
O 8734	do.	Beers & Beers	Sundries	10 00
O 8735	do.	P. S. Campbell	Printing	7 25
O 8736	do.	The Carborundum Co.	Laboratory supplies	1 86
O 8737	do.	The Celluloid Co.	Celluloid	1 32
O 8738	do.	Allan Crain	Cylinders	3 00
O 8739	do.	S. W. Card Mfg. Co.	Taps	6 11
O 8740	do.	Collins & Slimp	Banner repair	5 00
O 8741	do.	H. I. Carpenter	Tuning piano	4 50
O 8742	do.	Dependable Grocery	Food supplies	3 60
O 8743	do.	The Dow Chemical Co.	Chemicals	41 34
O 8744	do.	L. E. Dallenbach	Eggs	1 50
O 8745	do.	D. T. Dobbins	Feeding stuffs	3 60
O 8746	do.	A. Daigger & Co.	Chemicals	29 70
O 8747	do.	Ennis Hay Co.	Hay	182 71
O 8748	do.	Eastman Kodak Co.	Films	16 00
O 8749	do.	Fuller-Morrison & Co.	Sulphate	7 84
O 8750	do.	Harris-Dillavou & Co.	Sand	21 70
O 8751	May 11	Harbison-Walker Refractories Co.	Laboratory apparatus	29 67
O 8752	do.	International Press Clipping Bureau	Clippings	5 00
O 8753	do.	Johnson Brothers	Labor and materials	5 95
O 8754	do.	The Kny-Scherer Co.	Muse spec.	12 49
O 8755	do.	The Linde Air Products Co.	Oxygen	1 50
O 8756	do.	A. C. Litton	Sausage	1 80
O 8757	do.	Library Bureau	Filing boxes	2 58
O 8758	do.	Morris & Co.	Machinery	100 00
O 8759	do.	Montgomery Ward & Co.	General supplies	9 53
O 8760	do.	Norton Co.	Discs	1 00
O 8761	do.	Rounds-Truman Co.	Printing	11 83
O 8762	do.	Chas. A. Strelinger Co.	Screws	7 94
O 8763	do.	Smith & Co.	Ice	4 00
O 8764	do.	H. Swannell & Son	Chemicals	1 90
O 8765	do.	H. P. Stinespring	Straw	12 66
O 8766	do.	C. H. Stoelting Co.	Laboratory apparatus	11 34
O 8767	do.	Abe Selicovitz	Steel	10 95
O 8768	do.	Swift & Co.	Acids	1 40
O 8769	do.	Tuttle & Clark	General supplies	31 13
O 8770	do.	J. D. White	Postage	600 00
O 8771	do.	S. R. Wright	Hammer handles	2 70
O 8772	do.	Yeats Flower Shop	Flowers	2 00
O 8773	do.	Flanigan-Pearson Co.	Printing	51 50
O 8774	do.	G. R. Grubb & Co.	Zinc etchings	2 00
O 8775	do.	S. E. Huff & Co.	Lumber	26 75
O 8776	do.	Leavitt Mfg. Co.	General supplies	49 15

## OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1915			
O 8777	May 11	Twin City Ice & Cold Storage Co.	Ice	\$ 13 00
O 8778	do.	Knowlton & Bennett.	Paints	8 10
O 8779	do.	Woldenberg & Schaar.	Dishes	360 25
O 8780	do.	Western Fuel Co.	Coal	19 07
O 8781	do.	Western Bank Note & Engraving Co.	Diplomas	142 50
O 8782	do.	Westinghouse Electric & Mfg. Co.	Electric work	41 24
O 8783	do.	The University Press.	Printing	21 00
O 8784	do.	Ahrens & Schreiner.	Animal feed	16 00
O 8785	do.	O. M. Allyn	Traveling expense	13 59
O 8786	do.	C. H. Besly & Co.	Building material	3 43
O 8787	do.	Louis Boelio	Specimens	2 15
O 8788	do.	Barron Bros. Coal Co.	Animal feed	2 79
O 8789	do.	Burr Co.	Bushings	16 40
O 8790	do.	Chicago Towel Co.	Laundry	70 47
O 8791	do.	Chicago Telephone Co.	Telephone	44 61
O 8792	do.	Chester Horseshoeing Shop.	Shoeing	9 00
O 8793	do.	Conner & Quayle.	Horse shoes	16 00
O 8794	do.	Chas. A. Campbell.	Traveling expense	31 47
O 8795	do.	J. J. Didecot.	do.	26 64
O 8796	do.	Thos. J. Dee & Co.	Plates	79 98
O 8797	do.	Cooper Hewitt Electric Co.	Electrical supplies	12 11
O 8798	do.	S. E. Dillavou.	Harrow	12 50
O 8799	do.	John Doyle.	General supplies	1 45
O 8800	do.	Eimer & Amend.	Thermometer and wire	29 71
O 8801	do.	Eisner Grocery Co.	Laboratory supplies	4 39
O 8802	do.	C. C. Ferguson.	Horse shoes	8 00
O 8803	do.	Flanigan-Pearson Co.	Printing	321 15
O 8804	do.	C. L. Frame Dental Supply Co.	Plaster	6 00
O 8805	do.	Flat Iron Store Co.	Shades	2 00
O 8806	do.	Fuller-Morrisson Co.	Salt	13 75
O 8807	do.	G. R. Grubb & Co.	Half tones	42 70
O 8808	do.	E. E. Hoskins	Traveling expense	10 79
O 8809	do.	Hort Publishing Co.	Subscription	1 00
O 8810	do.	Hamblin Plumbing Co.	Plumbing	9 25
O 8811	do.	Heath & Milligan Mfg. Co.	White lead	4 50
O 8812	do.	Henry Heil Chemical Co.	Rubber stoppers	7 37
O 8813	do.	F. G. Hartwell Co.	Coal	186 55
O 8814	do.	Harms & Scheuber.	Carrots	5 00
O 8815	do.	Huntley Dairy Co.	Milk	4 58
O 8816	do.	Illinois State Reformatory	Printing	126 75
O 8817	do.	Indian Refining Co.	Gasoline	1 52
O 8818	do.	H. W. Johns-Manville Co.	Building repairs	43 44
O 8819	do.	Knowlton & Bennett.	Papering	65 06
O 8820	do.	D. H. Lloyd.	Office supplies	109 37
O 8821	do.	Maas Brothers.	General supplies	16 94
O 8822	do.	Bradner Smith & Co.	Office supplies	16 25
O 8823	do.	A. C. McClurg & Sons	do.	79 50
O 8824	do.	V. Mueller & Co.	Laboratory apparatus	10 45
O 8825	do.	E. M. Moll.	General supplies	5 15
O 8826	do.	A. S. Nelson & Sons	Sugar	1 30
O 8827	do.	Arthur Ochs.	Pigs and rabbits	36 00
O 8828	do.	Pittsburgh Plate Glass Co.	Glass	3 25
O 8829	do.	The Peoples Gas Light & Coke Co.	Gas	27 36
O 8830	do.	Taylor Hardware Co.	General supplies	24 80
O 8831	do.	F. K. Robeson.	Muslin	5 85
O 8832	do.	L. C. Smith & Bros.	Platen	3 00
O 8833	do.	B. A. Strauch.	General supplies	4 35
O 8834	do.	R. D. Swisher Mfg. Co.	Hand stamps	1 00
O 8835	do.	B. E. Spalding Chemicals.	Chemicals	13 70
O 8836	do.	Edw. A. Schwing	Traveling expense	4 95
O 8837	do.	E. H. Sargent & Co.	Chemicals	213 98
O 8838	do.	The Tablet & Ticket.	Blk letters	7 17
O 8839	do.	L. E. Knorr, Assistant Comptroller.	General labor	396 34
O 8840	do.	L. E. Knorr, Assistant Comptroller.	Student labor	1, 018 54
O 8841	May 12	C. R. Richards.	Traveling expense	7 05
O 8842	do.	E. E. Hoskins	do.	18 28
O 8843	do.	J. E. Whitechurch	do.	31 77
O 8844	do.	F. W. Garrett.	do.	29 16
O 8845	do.	Alfred Bergren.	Field work	31 00
O 8846	do.	Wm. Powell.	do.	35 51
O 8847	do.	Henry Pfau	do.	44 25
O 8848	do.	J. G. Mosler	Traveling expense	14 26
O 8849	do.	A. F. Gustafson	do.	20 14
O 8850	do.	R. W. Dickenson	do.	38 77
O 8851	do.	S. V. Holt.	do.	40 21
O 8852	do.	C. C. Logan	do.	24 18
O 8853	do.	E. Van Alstine	do.	14 54
O 8854	do.	W. R. Leighty	do.	10 40
O 8855	do.	Wayne Dinsmore	do.	6 90

## OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
<b>1915</b>				
O 8856	May 12	R. R. Manley	Traveling expense	\$ 7 74
O 8857	..do.	I. J. Reinhart	..do.	16 32
O 8858	..do.	M. W. Jean	..do.	23 79
O 8859	..do.	J. H. Checkley	..do.	13 18
O 8860	..do.	O. S. Watkins	..do.	14 86
O 8861	..do.	H. W. Blaney	..do.	11 90
O 8862	..do.	American Chemical Society	Printing	5 37
O 8863	..do.	The Holtzer-Cabot Electric Co.	Cables	5 30
O 8864	..do.	The Letter Shop	Publications	13 10
O 8865	..do.	The Roessler & Hasslacher Chemical Co.	Sodium peroxide	27 50
O 8866	..do.	Farke, Davis & Co.	Bacteria culture	10 11
O 8867	..do.	C. M. Parker	Advertising	16 30
O 8868	..do.	The English Journal	..do.	3 50
O 8869	..do.	The Illinois Agriculturist	..do.	2 00
O 8870	..do.	R. J. Fitzsimons	Screens	2 00
O 8871	..do.	Watry & Heidkamp	Screens	1 10
O 8872	..do.	Geo. Murphy	Laboratory supplies	15 13
O 8873	..do.	United States Blue Print Paper Co.	Office supplies	14 80
O 8874	..do.	D. C. Dow	Corn	1 50
O 8875	..do.	The Whitaker Paper Co.	Printing	14 54
O 8876	..do.	C. H. Woolbert	Traveling expense	16 96
O 8877	..do.	Gerald D. Stopp	..do.	14 01
O 8878	..do.	Warwick & York	Advertising	25 20
O 8879	..do.	Rogers & Hall Co.	Publications	1,975 01
O 8880	..do.	General Chemical Co.	Chemicals	52 43
O 8881	..do.	W. T. Robinson	Printing	25 90
O 8882	..do.	White Line Steam Laundry	Laundry	99 65
O 8883	..do.	Dallenbach Brothers	Food stuffs	125 15
O 8884	..do.	Eisner Grocery Co.	..do.	55 03
O 8885	..do.	Sharon Coal & Brick Co.	Coal	97 50
O 8886	..do.	Electrical Coal Co.	..do.	586 76
O 8887	..do.	Scientific Materials Co.	Laboratory apparatus	44 85
O 8888	..do.	Metzler & Schafer & Co.	Food supplies	84 86
O 8889	..do.	Eimer & Amend	Laboratory apparatus	830 87
O 8890	..do.	American Steel & Wire Co.	Basic wire	1 81
O 8891	..do.	H. Barton	Mag. excerpts	7 00
O 8892	..do.	W. J. Carmichael	Traveling expense	9 63
O 8893	..do.	R. H. Wilcox	..do.	22 38
O 8894	..do.	J. B. Andrews	..do.	12 59
O 8895	..do.	Geo. B. Carpenter & Co.	Twine	24 38
O 8896	..do.	J. C. Gabel	Copper	13 30
O 8897	..do.	Chicago Flexible Shaft Co.	Combs	3 62
O 8898	..do.	Chicago Fire Proof Storage Warehouse	Storage	3 00
O 8899	..do.	Farrar & Quinlan	Food supplies	67 73
O 8900	..do.	W. Z. Black	Pasturing	24 00
O 8901	..do.	B. C. Ames Co.	Screws and springs	25 97
O 8902	..do.	J. Horace McFarland Co.	Blue printing	2 75
O 8903	..do.	The Technograph	Technographing	3 75
O 8904	..do.	Mining & Scientific Press	Subscription	3 00
O 8905	..do.	Marine Biological Laboratories	Laboratory apparatus	17 95
O 8906	..do.	George W. C. Meyer	..do.	4 50
O 8907	..do.	Champaign Bottling Works	Carbonic acid	4 75
O 8908	..do.	The Tribune Co.	Incidentals	37 80
O 8909	..do.	The Celluloid Co.	General supplies	11 00
O 8910	..do.	A. W. Spalding	Rubber coats	8 00
O 8911	..do.	The Cudahy Packing Co.	Soap	3 92
O 8912	..do.	White Line Steam Laundry	Laundry	25 74
O 8913	..do.	The Warren Brush Co.	Brushes	5 88
O 8914	..do.	Standard Oil Co.	Oil	6 53
O 8915	..do.	James B. Clow & Sons	Plugs	1 46
O 8916	..do.	The Sherwin-Williams Co.	Shellac	16 47
O 8917	..do.	Southern Illinois Penitentiary	Brushes	18 00
O 8918	..do.	C. H. Besly & Co.	Bolt taps	5 04
O 8919	..do.	Pittsburgh Plate Glass Co.	Glass	6 80
O 8920	..do.	The Babcock & Wilcox Co.	Screw flanges	4 00
O 8921	..do.	The Harshaw, Fuller & Goodwin Co.	Bichromate soda	84 37
O 8922	..do.	Casavant Brothers	Piano tuning	31 14
O 8923	..do.	Manhattan Electric Supply Co.	Wire	79 48
O 8924	..do.	St. Louis Screw Co.	Screws	2 48
O 8925	..do.	The Caldwell Co.	Mazda lamps	18 79
O 8926	..do.	The Ludlow Valve Co.	Nozzle caps	3 90
O 8927	..do.	H. A. Hollister	Traveling expense	43 09
O 8928	..do.	Pay roll	May, 1915	948 32
		Bartow, Edward	Salary	\$166 66
		Corson, H. P.	..do.	125 00
		Ferguson, H. F.	..do.	90 00
		Hansen, Paul	..do.	291 66
		Hilscher, Ralph	..do.	125 00
		Schnellbach, J. F.	..do.	75 00

## OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1915			
O 8928	May 12	Sjoblom, M. C.	Salary	\$ 75 00
O 8929	..do..	Pay roll	May, 1915	\$ 957 48
		Coffey, W. C.	Salary	\$266 66
		Edmunds, J. L.	do	208 33
		Rusk, H. P.	do	208 33
		Yoke, J. J.	do	100 00
		Whisenand, J. W.	do	41 66
		Shiner, R. T.	do	70 00
		Handschin W. F.	do	62 50
O 8930	..do..	Pay roll	May, 1915	64,031 39
		Filbey, E. J.	Salary	\$ 183 33
		James, Edmund J.	do	1,000 00
		Castenholz, W. B.	do	250 00
		Fair, Sue M.	do	80 00
		Warnock, A. R.	do	150 00
		Clark, T. A.	do	500 00
		Fiero, E. E.	do	50 00
		Strong, Lillian	do	50 00
		Kyle, Martha J.	do	106 66
		Huff, G. A.	do	416 66
		Manley, E. J.	do	100 00
		Jones, R. R.	do	120 00
		Gill, Harry	do	220 00
		Fargo, E. N.	do	166 66
		Casner, Sidney	do	40 00
		Moulton, Gertrude	do	133 33
		Brooks, Verna	do	100 00
		Osmond, Edith G.	do	90 00
		Hughitt, Anna L.	do	110 00
		Gaut, Rosa Lee	do	50 00
		Jackson, Mabel	do	20 00
		Houston, Ruth	do	80 00
		Webster, F. D.	do	48 00
		Greene, J. H.	do	20 00
		Grunewald, A. H.	do	20 00
		Armstrong, W. C.	do	20 00
		Elles, E. C.	do	20 00
		Pool, E. H.	do	20 00
		Hood, C. F.	do	20 00
		Knapp, L. D.	do	20 00
		Hostetler, J. C.	do	20 00
		Niver, Roe	do	20 00
		Barden, H. E.	do	20 00
		Hollister, H. A.	do	270 83
		Didcoet, J. J.	do	133 33
		Eldridge, A. G.	do	250 00
		Bollman, Minnie J.	do	32 50
		Breedis, John	do	18 00
		Britton, F. E.	do	40 00
		Christy, Glen	do	18 00
		Craig, Jennie A.	do	80 00
		Drury, F. K. W.	do	200 00
		Dunlap, Fannie	do	65 00
		Felsenthal, Emma	do	83 33
		Fontaine, E. O.	do	36 00
		Gibson, Mable	do	27 50
		Goulding, P. S.	do	166 66
		Graves, C. E.	do	100 00
		Herdman, Margaret	do	75 00
		Hubbard, Marie	do	27 50
		Hutchins, Margaret	do	83 33
		Janvrin, C. E.	do	41 66
		Johnson, Alice	do	83 33
		Jutton, Emma R.	do	108 33
		Leatherman, Marion	do	75 00
		Patton, Adah	do	91 66
		Torrance, Mary C.	do	75 00
		Troy, Mary	do	65 00
		Windsor, P. L.	do	291 66
		Conat, Mabel	do	65 00
		England, Grace	do	65 00
		Erwin, Elizabeth	do	30 00
		Eppinger, J. G.	do	36 00
		Williams, Margaret	do	45 00
		Baechtold, Elsie	do	65 00
		Wyeth, Ola M.	do	80 00
		Price, M. A.	do	70 00
		Wood, H. T.	do	30 00
		Roberts, Nellie	do	32 50

## OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
O 8930 Ctd.	1915 May 12	Hester, Elizabeth.....	Salary.....	\$ 60 00
		Signor, Nelle.....	do.....	32 50
		Penrose, Alma.....	do.....	32 50
		Stone, C. H.....	do.....	37 50
		Benson, Susan.....	do.....	37 50
		Goetz, Antoinette.....	do.....	70 00
		Smith, D. B.....	do.....	20 00
		Abraham, Effie G.....	do.....	20 00
		Checkley, J. H.....	do.....	100 00
		Hieronymus, R. E.....	do.....	250 00
		Jamison, A. W.....	do.....	166 66
		Miller, W. P.....	do.....	50 00
		Nolan, A. W.....	do.....	200 00
		Rankin, F. H.....	do.....	291 66
		Allyn, Orr.....	do.....	100 00
		Aumer, J. P.....	do.....	150 00
		Brunson, A. M.....	do.....	83 33
		Clevenger, C. B.....	do.....	83 33
		Dickenson, R. W.....	do.....	100 00
		Ellis, O. I.....	do.....	83 33
		Fahrnkopf, H. F. T.....	do.....	83 33
		Gentile, G. E.....	do.....	83 33
		Gernert, W. B.....	do.....	150 00
		Gilkerson, H. C.....	do.....	83 33
		Holt, S. V.....	do.....	150 00
		Leighty, W. R.....	do.....	116 66
		Nelderman, Gertrude.....	do.....	100 00
		Sachs, W. H.....	do.....	150 00
		Schoonover, W. R.....	do.....	83 33
		Snider, H. J.....	do.....	83 33
		VanAlstine, E.....	do.....	175 00
		Wascher, F. M. W.....	do.....	116 66
		Wheeler, H. C.....	do.....	150 00
		Whiting, A. L.....	do.....	150 00
		Torgerson, E. F.....	do.....	70 00
		deWert, H. A.....	do.....	70 00
		Bull, Sleeter.....	do.....	150 00
		Mumford, H. W.....	do.....	416 66
		Harper, Claude.....	do.....	83 33
		Andrews, J. B.....	do.....	100 00
		Baumgartner, H. C.....	do.....	70 00
		Wilcox, R. H.....	do.....	83 33
		Brand, R. E.....	do.....	175 00
		Hulce, R. S.....	do.....	133 33
		Keller, O. A.....	do.....	100 00
		Ruehe, H. A.....	do.....	141 66
		Weeter, H. M.....	do.....	83 33
		Becker, Georgia.....	do.....	65 00
		Bailey, E. W.....	do.....	175 00
		Bole, S. J.....	do.....	150 00
		Bregger, Thomas.....	do.....	116 66
		Crandall, C. S.....	do.....	291 66
		Gunderson, A. J.....	do.....	116 66
		Ruth, W. A.....	do.....	150 00
		Watkins, O. S.....	do.....	175 00
		Venning, F. L.....	do.....	125 00
		Titcomb, W. C.....	do.....	175 00
		Wells, N. A.....	do.....	208 33
		Fanning, R. S.....	do.....	120 00
		Foster, W. D.....	do.....	140 00
		Jones, R. T.....	do.....	160 00
		Corruba, A. B. M.....	do.....	160 00
		Wolfe, W. S.....	do.....	110 00
		Fehrenkamp, Winifred.....	do.....	83 33
		Muehlmann, Ralph.....	do.....	140 00
		Stanton, W. M.....	do.....	120 00
		Kellogg, J. M.....	do.....	150 00
		Burton, S. C.....	do.....	150 00
		Bowling, B. L.....	do.....	83 33
		Wiley, C. C.....	do.....	141 66
		Pickells, G. W.....	do.....	150 00
		Rayner, W. H.....	do.....	130 00
		Davis, R. E.....	do.....	120 00
		Ellis, C. A.....	do.....	264 20
		Mills, G. G.....	do.....	100 00
		Newell, C. R.....	do.....	416 66
		Waldo, E. H.....	do.....	166 66
		Knight, A. R.....	do.....	150 00
		Davis, J. W.....	do.....	140 00



## OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom	For what.	Amount.
O 8930 Ctd.	1915			
	May 12	Moore, C. R. ....	Salary .....	\$150 00
		Miller, H. W. ....	do. ....	183 33
		Porter, F. M. ....	do. ....	125 00
		Steward, R. K. ....	do. ....	141 66
		Jordan, H. H. ....	do. ....	140 00
		Crane, Rufus. ....	do. ....	100 00
		Husband, R. M. ....	do. ....	30 00
		Atwell, C. A. ....	do. ....	90 00
		Westlund, A. F. ....	do. ....	100 00
		Benedict, B. W. ....	do. ....	291 66
		Frisk, J. A. ....	do. ....	91 66
		Richards, C. R. ....	do. ....	479 16
		Godeke, H. F. ....	do. ....	140 00
		Kennedy, R. E. ....	do. ....	150 00
		Waterfall, H. W. ....	do. ....	140 00
		Torrance, F. C. ....	do. ....	120 00
		Rebman, P. J. ....	do. ....	90 00
		Gross, G. A. ....	do. ....	150 00
		Frank, Edwin. ....	do. ....	120 00
		Duncan, J. M. ....	do. ....	90 00
		Lanham, E. T. ....	do. ....	120 00
		McDewell, H. S. ....	do. ....	120 00
		Domonske, A. B. ....	do. ....	140 00
		Radebaugh, G. H. ....	do. ....	120 00
		Hogue, J. H. ....	do. ....	120 00
		DeTurk, J. A. ....	do. ....	120 00
		Holbrook, E. A. ....	do. ....	208 33
		Stoek, H. H. ....	do. ....	416 66
		Callen, A. C. ....	do. ....	150 00
		Andros, S. O. ....	do. ....	175 00
		Talbot, A. N. ....	do. ....	416 66
		Seeley, F. B. ....	do. ....	170 00
		Boomsliter, G. P. ....	do. ....	170 00
		Noerenberg, C. E. ....	do. ....	170 00
		Ensign, N. E. ....	do. ....	150 00
		Babbitt, H. E. ....	do. ....	150 00
		Gardner, Harry. ....	do. ....	150 00
		Vallance, Alexander. ....	do. ....	140 00
		Putnam, W. J. ....	do. ....	120 00
		Randolph, O. A. ....	do. ....	100 00
		Hyslop, W. H. ....	do. ....	85 00
		Warner, E. H. ....	do. ....	90 00
		Karrer, Sebastian. ....	do. ....	75 00
		Nathanson, J. B. ....	do. ....	75 00
		Hill, C. F. ....	do. ....	50 00
		Bayley, P. L. ....	do. ....	50 00
		Jones, L. P. ....	do. ....	115 00
		Snodgrass, J. M. ....	do. ....	183 33
		Dunn, H. H. ....	do. ....	116 66
		Keller, R. B. ....	do. ....	166 66
		Kratz, A. P. ....	do. ....	133 33
		McFarland, D. F. ....	do. ....	166 66
		Moore, H. F. ....	do. ....	250 00
		Slater, W. A. ....	do. ....	150 00
		Yensen, T. D. ....	do. ....	133 33
		Gonnerman, H. F. ....	do. ....	150 00
		Wilson, L. A. ....	do. ....	116 66
		Dieckman, T. W. ....	do. ....	60 00
		Belt, J. H. ....	do. ....	50 00
		Montgomery, Julian. ....	do. ....	50 00
		Pogue, R. B. ....	do. ....	50 00
		Garward, W. A. ....	do. ....	50 00
		Lichty, L. C. ....	do. ....	50 00
		Lukens, W. P. ....	do. ....	50 00
		Young, E. G. ....	do. ....	50 00
		Laying, T. E. ....	do. ....	50 00
		Draffin, J. O. ....	do. ....	50 00
		Nebel, M. L. ....	do. ....	50 00
		Decker, E. H. ....	do. ....	291 66
		Green, Frederick. ....	do. ....	291 66
		Harker, O. A. ....	do. ....	416 66
		Hale, W. G. ....	do. ....	291 66
		Pomeroy, J. N. ....	do. ....	258 33
		Vernier, C. G. ....	do. ....	291 66
		Carpenter, C. E. ....	do. ....	208 33
		Babcock, K. C. ....	do. ....	416 66
		Lake, E. J. ....	do. ....	187 50
		Wetmore, Mary M. ....	do. ....	150 00
		Bradbury, C. E. ....	do. ....	140 00

## OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
O 8830 Ctd.	1915 May 12	Siebbins, Joel.....	Salary.....	\$291 66
		Reed, F. W.....	do.....	140 00
		Welo, L. A.....	do.....	35 00
		Sperry, J. E., II.....	do.....	150 00
		Burton, L. V.....	do.....	120 00
		Winslow, J. C.....	do.....	34 00
		Slevens, F. J.....	do.....	335 33
		Hague, Stella M.....	do.....	100 00
		McDougal, W. B.....	do.....	120 00
		Farr, Rosalie.....	do.....	80 00
		Quick, B. E.....	do.....	60 00
		Kempion, F. E.....	do.....	60 00
		Dalbey, Nora.....	do.....	60 00
		Waggoner, H. D.....	do.....	60 00
		Pickler, W. E.....	do.....	30 00
		Davis, K. L.....	do.....	30 00
		Lamkey, E. M. B.....	do.....	60 00
		Lantz, C. W.....	do.....	60 00
		Kellogg, Amelia.....	do.....	60 00
		Hursh, R. K.....	do.....	160 00
		Stull, R. J.....	do.....	220 00
		Danielson, R. B.....	do.....	75 00
		Radcliffe, B. S.....	do.....	120 00
		Williams, A. E.....	do.....	150 00
		Noyes, W. A.....	do.....	415 66
		Allen, R. W.....	do.....	30 00
		Anders, Paul.....	do.....	130 00
		Bell, T. R.....	do.....	30 00
		Bissell, D. W.....	do.....	30 00
		Bruderson, H. J.....	do.....	130 00
		Burthart, C. W.....	do.....	10 00
		Charlton, E. F.....	do.....	50 00
		Chandler, E. M. A.....	do.....	10 00
		Cann, Jessie.....	do.....	120 00
		Darran, Jeanie.....	do.....	50 00
		Davidson, B. S.....	do.....	30 00
		Davidson, B. S.....	do.....	60 00
		Dean, T. M.....	do.....	30 00
		Dogle, F. W.....	do.....	60 00
		Dore, J. I.....	do.....	30 00
		Gerty, H. L.....	do.....	30 00
		Hakanson, A. F.....	do.....	10 00
		Halded, C. H. D.....	do.....	120 00
		Healey, W.....	do.....	60 00
		Hess, E. V.....	do.....	60 00
		Holte, E. O.....	do.....	120 00
		Horne, A. M.....	do.....	30 00
		Horsesh, R. B.....	do.....	90 00
		Jenson, J. M.....	do.....	10 00
		Kann, Oliver.....	do.....	60 00
		Karr, W. G.....	do.....	30 00
		Krepps, H. C.....	do.....	50 00
		Lee, H. R.....	do.....	30 00
		Lucas, J. B.....	do.....	30 00
		Medinus, D. A.....	do.....	30 00
		Merchus, S. D.....	do.....	125 00
		Olth, H. L.....	do.....	35 00
		Reed, J. W.....	do.....	120 00
		Reese, E. A.....	do.....	60 00
		Seers, G. W.....	do.....	50 00
		Taylor, S. C.....	do.....	120 70
		Thorn, Lambert.....	do.....	60 00
		Typelt, R. W.....	do.....	120 00
		Shepard, A. D.....	do.....	35 00
		Skinner, G. S.....	do.....	30 00
		Wildman, E. A.....	do.....	30 00
		Wickers, E.....	do.....	60 00
		Hull, S. M.....	do.....	50 00
		Westhafer, T. O.....	do.....	10 00
		Valentine, H. D.....	do.....	30 00
		MacArthur, C. G.....	do.....	60 00
		Barbra, Clarence.....	do.....	150 00
		Vollweiler, E. H.....	do.....	30 00
		Ruby, G. B.....	do.....	30 00
		Gilmore, R. E.....	do.....	10 00
		Brunskill, E. B.....	do.....	50 00
		Haag, V. W.....	do.....	10 00
		Brady, S. A.....	do.....	10 00
		Footitt, F. W.....	do.....	60 00
		Footitt, F. W.....	do.....	30 00

## OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
O 8930 Ctd.	1915 May 12	Rowland, F. E.	Salary	\$ 30 00
		Barton, H. J.	do	291 66
		Canter, H. V.	do	208 33
		Moss, C. M.	do	250 00
		Oldfather, W. A.	do	250 00
		Pease, A. S.	do	250 00
		Bogart, E. L.	do	291 66
		Chase, W. A.	do	240 00
		Dewsnup, E. R.	do	250 00
		Litman, Simon.	do	208 33
		Robinson, M. H.	do	125 00
		Weston, N. A.	do	250 00
		Heilman, R. E.	do	216 66
		Thompson, J. G.	do	200 00
		Seovill, H. T.	do	200 00
		McJohnston, H.	do	180 00
		Petersen, E.	do	60 00
		Dressen, W. H.	do	60 00
		Knight, C. K.	do	50 00
		McKenna, E. L.	do	50 00
		Leslie, H. D.	do	30 00
		Thompson, C. M.	do	191 66
		Little, E. F.	do	50 00
		Bagley, W. C.	do	208 33
		Coffman, L. D.	do	291 66
		Johnston, C. H.	do	291 66
		Miller, W. S.	do	150 00
		Whipple, G. M.	do	229 16
		Hanger, J. W.	do	50 00
		Cobb, Margaret.	do	50 00
		Baldwin, E. O.	do	175 00
		Dodge, D. K.	do	270 83
		Fulton, Edward.	do	175 00
		Jones, H. S. V.	do	183 33
		Paul, H. G.	do	208 33
		Scott, F. W.	do	200 00
		Sherman, S. P.	do	308 33
		Woolbert, C. H.	do	166 66
		Zeitlin, Jacob.	do	141 66
		Creek, H. L.	do	125 00
		Whicher, G. F.	do	120 00
		Alden, E. S.	do	120 00
		Whitford, R. C.	do	100 00
		Hillebrand, H. M.	do	130 00
		Harris, L. H.	do	120 00
		Tiefe, R. E.	do	120 00
		Jones, E. S.	do	120 00
		Curl, M. J.	do	140 00
		Stidston, R. O.	do	100 00
		Harbarger, Sada.	do	100 00
		Stanley, T. B.	do	100 00
		Sarett, L. R.	do	100 00
		Dixon, R. E.	do	110 00
		Beck, Clyde.	do	50 00
		Loomis, R. S.	do	120 00
		Rinaker, Clarissa.	do	120 00
		Boyer, C. V.	do	141 66
		Schoepperle, Gertrude.	do	116 66
		Sutcliffe, E. G.	do	100 00
		Downes, C. S.	do	120 00
		Phelps, J. M.	do	100 00
		Kelso, Ruth.	do	100 00
		Buchen, W. A.	do	150 00
		Forbes, S. A.	do	83 33
		Peterson, Alvah.	do	60 00
		Glasgow, R. D.	do	130 00
		DuBois, H. M.	do	50 00
		Read, M. K.	do	40 00
		Ross, C. S.	do	50 00
		Rich, J. L.	do	160 00
		Storrier, James.	do	60 00
		Brooks, N. C.	do	208 33
		Flom, G. T.	do	233 33
		Goebel, Julius.	do	312 50
		Lessing, O. E.	do	291 66
		Meyer, G. H.	do	229 16
		Poor, C. M.	do	150 00
		Williams, C. A.	do	150 00
		Koller, A. H.	do	140 00

## OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
O 8930 Ctd.	1915 May 12	Barto, P. S.	Salary	\$120 00
		Zucker, A. E.	do	50 00
		Blaisdell, Daisy L.	do	100 00
		Green, Alexander	do	135 00
		Bloomfield, Leonard	do	166 66
		Spindler, G. W.	do	25 00
		Alvord, C. W.	do	145 83
		Greene, E. B.	do	416 66
		Larson, L. M.	do	250 00
		Lybyer, A. H.	do	233 33
		Robertson, W. S.	do	208 33
		Jones, P. V. B.	do	150 00
		Pease, T. C.	do	125 00
		Cole, A. C.	do	160 00
		Brush, Elizabeth	do	100 00
		Bishop, Mildred	do	40 00
		Miller, J. E.	do	60 00
		Wahlin, G. E.	do	116 66
		Kempner, A. J.	do	150 00
		Denton, W. W.	do	140 00
		Chittenden, E. W.	do	140 00
		Burns, Josephine	do	100 00
		Zeis, H. C.	do	60 00
		Wilson, W. H.	do	60 00
		Hebbert, C. M.	do	60 00
		Smith, G. W.	do	60 00
		Marshall, R. H.	do	60 00
		Grimes, N. C.	do	120 00
		Burge, W. E.	do	191 66
		Beard, J. H.	do	165 00
		Neill, Alma J.	do	60 00
		Dode, B. H.	do	291 66
		Daniels, A. H.	do	333 33
		Shepherd, Queen L.	do	120 00
		Haessler, Carl	do	100 00
		Garner, J. W.	do	333 33
		Mathews, J. M.	do	150 00
		Story, E. M.	do	130 00
		Hanford, A. C.	do	80 00
		Bentley, Madison	do	270 83
		DeCamp, J. E.	do	70 00
		Rogers, Sophie	do	30 00
		Ruchmick, C. A.	do	150 00
		Rahn, Carl	do	150 00
		Carnahan, D. H.	do	225 00
		Fitz-Gerald, J. D., II.	do	225 00
		Oliver, T. E.	do	250 00
		Seymour, A. R.	do	191 66
		Carry, C. S.	do	110 00
		Eppels, Joseph	do	100 00
		Wesenberg, T. G.	do	100 00
		Kessler, James	do	90 00
		Allen, Louis	do	90 00
		Moore, O. H.	do	160 00
		Blondheim, D. S.	do	166 66
		Soto, Rafael	do	100 00
		Hayes, E. C.	do	275 00
		Hibbs, H. H.	do	120 00
		Smith, Frank	do	250 00
		Ward, H. B.	do	416 66
		Van Cleve, H. J.	do	125 63
		May, H. G.	do	60 00
		Green, Bessie	do	60 00
		Linkins, R. H.	do	60 00
		Heimbürger, H. V.	do	60 00
		Chenoweth, H. E.	do	40 00
		Magath, T. B.	do	30 00
		Higgins, G. M.	do	30 00
		Metcalf, H. E.	do	30 00
		Redwood, C. W.	do	120 00
		Conel, Jesse	do	60 00
		Baumgartner, Rachel	do	30 00
		Miller, Eva G.	do	66 66
		Kinley, David	do	583 33
		Scheffel, Yetta	do	50 00
		Kile, Jessie	do	45 00
		Hoffo, J. A.	do	45 00
		Albrecht, A. W.	do	25 00
		Babbitt, Albert	do	25 00

## OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
O 8930 Ctd.	1915 May 12	Bacon, Gertrude A.	Salary	\$ 25 00
		Barber, Julia	do	25 00
		Beck, Mary L.	do	25 00
		Colvin, Esther M.	do	25 00
		Cooke, D. G.	do	25 00
		Crooker, S. J.	do	25 00
		Cutler, Floy F.	do	25 00
		Dunham, W. A.	do	25 00
		Elliott, Erma L.	do	25 00
		Farver, E. C.	do	25 00
		Fazel, C. S.	do	25 00
		Fisher, Fay L.	do	25 00
		Griffin, Clare E.	do	25 00
		Hamilton, C. C.	do	25 00
		Heffernan, Ruth M.	do	25 00
		Hendel, R. W., Jr.	do	25 00
		Jerdan, A. L.	do	25 00
		Jewell, Minna E.	do	25 00
		Kindred, J. E.	do	25 00
		Meier, Alice	do	25 00
		Miller, Marie B.	do	25 00
		Myers, Odessa M.	do	25 00
		Okey, Ruth E.	do	25 00
		Owens, R. W.	do	25 00
		Palm, F. C.	do	25 00
		Pinckney, L. A.	do	25 00
		Richart, F. E.	do	25 00
		Reid, E. A.	do	25 00
		Russell, Robbins.	do	25 00
		Swanson, F. C.	do	25 00
		TerKeurst, H. D.	do	25 00
		Turley, R. E.	do	25 00
		Van Doren, M. A.	do	25 00
		Watkins, Gordon.	do	25 00
		White, Lelia O.	do	25 00
		Williams, Kathryn.	do	25 00
		Winkelmann, H. A.	do	25 00
		Wiseman, Esther	do	25 00
		Young, Esther	do	25 00
		Tinsley, R. W.	do	25 00
		Brady, St. Elmo.	do	35 00
		Burd, H. A.	do	40 00
		Clark, K. A.	do	35 00
		Clark, Helen.	do	35 00
		Debel, N. H.	do	35 00
		Elliott, J. A.	do	35 00
		Garman, Philip	do	35 00
		Harder, O. E.	do	35 00
		Holley, C. E.	do	40 00
		Howard, J. W.	do	35 00
		Kernal, M. J.	do	35 00
		Lamb, B. F.	do	35 00
		Macfarlane, Wallace	do	40 00
		Mosher, Edna	do	45 00
		Pasmore, D. F.	do	35 00
		Rutledge, George.	do	50 00
		Sabin, Ethel E.	do	35 00
		Scholl, Clarence.	do	35 00
		Stevens, W. E.	do	35 00
		Streeter, F. B.	do	40 00
		Stunkard, H. W.	do	35 00
		Watson, Minnie E.	do	40 00
		Wells, M. M.	do	40 00
		Wright, Quincy	do	45 00
		Wyatt, F. A.	do	40 00
		Young, L. E.	do	50 00
		Stewart, C. L.	do	45 00
		Welland, H. J.	do	50 00
		Kirshman, J. E.	do	40 00
		Bond, Ethel	do	83 33
		Curtis, Florence	do	133 33
		Reece, E. J.	do	133 33
		Simpson, Frances	do	166 66
		Swartz, G. F.	do	183 33
		Smith, Constance Barlow	do	166 66
		Van den Berg, H. J.	do	180 00
		Nasmyth, H. D.	do	170 00
		Morphy, E. W.	do	170 00
		Townsend, L. L.	do	120 00

## OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
O 8930	1915 May 12	Kirkup, Florence.....	Salary.....	\$100 00
Cld.		Treat, Edna L.....	do.....	100 00
		Simon, Anna.....	do.....	100 00
		Erb, J. L.....	do.....	250 00
		Harding, A. A.....	do.....	180 00
		Bartow, Edward.....	do.....	166 66
		Bennett, A. N.....	do.....	75 00
		Hanford, W. W.....	do.....	60 00
		Mohlman, F. W.....	do.....	70 00
		Tanner, F. W.....	do.....	70 00
		Langlier, W. F.....	do.....	125 00
		Day, W. B.....	do.....	208 33
		Snow, C. M.....	do.....	150 00
		Gathercoal, E. N.....	do.....	108 33
		Eicher, B. L.....	do.....	83 33
		Colson, H. D.....	do.....	83 33
		Fantus, Bernard.....	do.....	16 66
		Lynn, E. V.....	do.....	150 00
O 8931	do....	Pay roll.....	May, 1915.....	\$8,234 95
		Alley, W. E.....	Salary.....	\$100 00
		Amos, Winifred.....	do.....	75 00
		Atkinson, C. E.....	do.....	141 66
		Beadles, Jessie R.....	do.....	65 00
		Blackwell, Mary.....	do.....	60 00
		Boice, L. A.....	do.....	125 00
		Bowen, Evalena.....	do.....	65 00
		Briggs, Evelyn L.....	do.....	55 00
		Broadhurst, Tabitha J.....	do.....	75 00
		Brownfield, Lelah.....	do.....	50 00
		Bryan, Sarah E.....	do.....	75 00
		Buckler, Helen I.....	do.....	60 00
		Buckles, Mildred E.....	do.....	65 00
		Burt, Ruth.....	do.....	50 00
		Cover, Hazel W.....	do.....	60 00
		Crawford, C. C.....	do.....	65 00
		Cunningham, H. E.....	do.....	208 32
		Custer, Emma L.....	do.....	75 00
		Dalton, C. E.....	do.....	50 00
		Davis, Vera M.....	do.....	50 00
		Durfey, Franc A.....	do.....	50 00
		Feldkamp, Amelia.....	do.....	55 00
		Fieg, Robert J.....	do.....	50 00
		Flattery, Amanda M.....	do.....	65 00
		Fraser, Viola C.....	do.....	70 00
		Galpin, Stella.....	do.....	70 00
		Garwood, Frances.....	do.....	50 00
		Glenn, Eleanor.....	do.....	50 00
		Goodspeed, W. S.....	do.....	90 00
		Gordon, Marie A.....	do.....	55 00
		Grabbe, Florence H.....	do.....	65 00
		Griffith, Mabel F.....	do.....	70 00
		Halliday, Mabel.....	do.....	60 00
		Hamilton, Mrs. Alice V.....	do.....	100 00
		Hawgood, Helen A.....	do.....	70 00
		Hayes, James B.....	do.....	95 00
		Hayes, Margaret L.....	do.....	50 00
		Hayward, Nellie.....	do.....	60 00
		Heater, Myrtle.....	do.....	60 00
		Houchens, Josie B.....	do.....	83 33
		Hull, A. H.....	do.....	65 00
		Humrichouse, Katie L.....	do.....	50 00
		Jay, Edith L.....	do.....	50 00
		Johnson, Gertrude.....	do.....	60 00
		Jones, Mabel.....	do.....	65 00
		Kern, Floy.....	do.....	40 00
		Kirwin, Nora.....	do.....	55 00
		Knapp, Aurella.....	do.....	75 00
		Knorr, Lynn E.....	do.....	150 00
		Lahr, Lawrence D.....	do.....	50 00
		Lamb, Allie.....	do.....	55 00
		Lee, Albert R.....	do.....	100 00
		Leitz, Louise A.....	do.....	40 00
		Love, Mary E.....	do.....	65 00
		Luther, Cornelia M.....	do.....	45 00
		McConn, Charles M.....	do.....	250 00
		McGurty, Agnes.....	do.....	83 33
		McIntire, W. A.....	do.....	50 00
		Manley, Verna.....	do.....	50 00
		Manspeaker, Lotta M.....	do.....	83 33

## OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
O 8931 Cld.	1915 May 12	Merchant, Donna B	Salary	\$ 50 00
		Mesek, Rudolph	do.	65 00
		Miles, Lois M.	do.	70 00
		Millar, Mary	do.	70 00
		Miller, C. F.	do.	90 00
		Morey, Lloyd	do.	125 00
		Morrow, J. A.	do.	166 66
		Muhleman, Elizabeth	do.	50 00
		Nagle, Sybil	do.	50 00
		Nyberg, Florence A.	do.	50 00
		Packard, Bessie	do.	75 00
		Peel, Thomas	do.	60 00
		Pergande, Robert	do.	95 00
		Phelps, Vergil V.	do.	166 66
		Post, Frederick	do.	75 00
		Postlewait, Harriet L.	do.	55 00
		Powell, Burt E.	do.	191 66
		Putnam, Persis	do.	75 00
		Renz, Myrtle	do.	75 00
		Ressler, Milton	do.	80 00
		Ricketts, Clara A.	do.	65 00
		Riggs, Bess	do.	45 00
		Robertson, Nellie	do.	70 00
		Rogers, Della M.	do.	40 00
		Ross, Anne	do.	50 00
		Scanlan, Mary	do.	60 00
		Scott, Bertha M.	do.	50 00
		Sharp, Bertha L.	do.	60 00
		Shaw, Hazel Y.	do.	75 00
		Shepard, Anna L.	do.	100 00
		Sincock, Julia	do.	60 00
		Slater, Sarah M.	do.	60 00
		Smith, Ira M.	do.	125 00
		Smith, Mayme L.	do.	65 00
		States, Bertha G.	do.	50 00
		Steitz, Alfred	do.	100 00
		Stevens, Sabra	do.	75 00
		Stipp, Maude	do.	50 00
		Thompson, M. E.	do.	100 00
		Tuttle, George F., Jr.	do.	100 00
		Vaubel, Daniel	do.	60 00
		Voight, Lida E.	do.	100 00
		Walsh, Ethel M.	do.	50 00
		White, Loretta	do.	70 00
		Winchester, B. L.	do.	50 00
		Wyninger, H. T.	do.	60 00
		Buchanan, Harold C.	do.	70 00
		Ellis, E. R.	do.	50 00
		Harper, Julia	do.	65 00
		Loniis, J. O.	do.	90 00
		Vanderbeek, H. J.	do.	65 00
O 8932	do.	Pay roll	May, 1915	\$100 00
O 8933	do.	Reordwar Mfg. Co. Sales Co.	Glass reflector	10 00
O 8934	do.	French Battery & Carbon Co.	Carbon	24 99
O 8935	do.	Geo. Strode	Awnings	46 40
O 8936	do.	Buffalo Meter Co.	Flat discs	3 71
O 8937	do.	E. M. Moll	Gasoline	1 30
O 8938	do.	Roy N. Fargo	Traveling expense	12 61
O 8939	do.	Taylor Hardware Co.	General supplies	153 25
O 8940	do.	Leavitt Mfg. Co.	Steel	2 80
O 8941	do.	The American Multigraph Sales Co.	Platen	3 07
O 8942	do.	C. C. Ferguson	Shoes	4 00
O 8943	do.	F. M. Poltz	Repair work	1 00
O 8944	do.	The Burr Co.	General supplies	30 66
O 8945	do.	Barnhart Brothers	Files and screws	1 28
O 8946	do.	Illinois State Reformatory	Printing	149 75
O 8947	do.	Alexander Lumber Co.	Lumber	26 56
O 8948	do.	G. C. Willis	Cloth and supplies	111 57
O 8949	do.	Twin City Ice & Cold Storage Co.	Ice	10 00
O 8950	do.	The Tablet & Ticket Co.	Office supplies	149 67
O 8951	do.	Metzler & Schafer Co.	Laboratory supplies	4 51
O 8952	do.	Eisner Grocery Co.	Stone jars	8 80
O 8953	do.	Champaign Steam Laundry	Laundry	60 12
O 8954	do.	Oldham Brothers	Chemicals	3 45
O 8955	do.	Walker & Mulliken	Casters	10 60
O 8956	do.	E. H. Sargent & Co.	Laboratory apparatus	68 28
O 8957	do.	F. K. Robeson	General supplies	60 95
O 8958	do.	Chester Transfer Co.	Drayage	7 50
O 8959	do.	General Electric Co.	Electrical supplies	6 99

## OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
1915				
O 8960	May 12	Royal A. Stipes.....	Gravel.....	\$ 12 00
O 8961	..do...	R. C. Wagner & Son.....	Rock.....	13 00
O 8962	..do...	B. F. Stevenson & Son.....	Carrots.....	1 00
O 8963	..do...	The Frederick Post Co.....	General supplies.....	1 35
O 8964	..do...	Geo. Strode.....	Repair work.....	1 75
O 8965	May 14	Pay roll.....	May, 1915.....	80 00
O 8966	..do...	Pay roll.....	..do.....	660 00
O 8967	..do...	Pay roll.....	..do.....	1,468 33
		Allen, Mrs. Josephine.....	Salary.....	\$ 55 00
		Arneson, Mable L.....	..do.....	75 00
		Brodway, Esther.....	..do.....	50 00
		Browne, W. H.....	..do.....	250 00
		Cole, H. W.....	..do.....	100 00
		David, Eshoo.....	..do.....	55 00
		David, Paul.....	..do.....	60 00
		Fletcher, E. C.....	..do.....	100 00
		Froberg, E.....	..do.....	75 00
		Gubbins, Maud.....	..do.....	60 00
		Heermann, Louise B.....	..do.....	60 00
		Hoy, Anna.....	..do.....	60 00
		Loomis, Metta M.....	..do.....	83 33
		McQuigg, Mrs. Kate F.....	..do.....	50 00
		Seaberg, Elin M.....	..do.....	60 00
		Tomek, Gertrude.....	..do.....	60 00
		Tomlinson, J. S.....	..do.....	125 00
		Watson, Ethel.....	..do.....	50 00
		Moorhead, Mary M.....	..do.....	40 00
O 8968	..do...	Pay roll.....	April, 1915.....	45 00
O 8969	..do...	Pay roll.....	May, 1915.....	4,790 72
		Bake, L. E.....	Salary.....	\$ 66 66
		Bernard, F. S.....	..do.....	25 00
		Coolidge, E. D.....	..do.....	83 33
		Dittmar, G. W.....	..do.....	83 33
		Gallie, D. M.....	..do.....	83 33
		Kaplan, J. H.....	..do.....	100 00
		McGuire, J. C.....	..do.....	150 00
		Moorehead, F. B.....	..do.....	249 99
		Noyes, F. B.....	..do.....	125 00
		Schultz, Louis.....	..do.....	33 33
		Starr, S. P.....	..do.....	66 66
		Thomas, N. G.....	..do.....	50 00
		Williams, I. W.....	..do.....	66 66
		Eycleshymer, A. C.....	..do.....	416 66
		Jones, T. S.....	..do.....	83 33
		Moodie, R. L.....	..do.....	125 00
		Small, J. C.....	..do.....	50 00
		Welker, W. H.....	..do.....	229 16
		Dreyer, G. P.....	..do.....	374 99
		Boelio, Louis.....	..do.....	80 00
		Smith, C. S.....	..do.....	166 66
		Tracy, Grover.....	..do.....	83 33
		Woffel, Albert.....	..do.....	200 00
		Krudwig, Edna.....	..do.....	40 00
		Bach, I. W.....	..do.....	50 00
		Burnmeister, W. H.....	..do.....	166 66
		Boughton, T. H.....	..do.....	150 00
		Curl, Howard.....	..do.....	50 00
		Davis, D. J.....	..do.....	416 66
		Falls, F. H.....	..do.....	83 33
		Fantus, Bernard.....	..do.....	166 66
		Gardner, Stella.....	..do.....	83 33
		Gaffney, C. O.....	..do.....	70 00
		Lincoln, Mary C.....	..do.....	50 00
		Moore, J. J.....	..do.....	150 00
		Weedon, Amy G.....	..do.....	60 00
		Shackle, A. O.....	..do.....	166 66
		Simonds, W. E.....	..do.....	50 00
		Hiskey, George N.....	..do.....	45 00
O 8970	May 15	L. E. Knorr, Assistant Comptroller.....	General labor.....	208 96
O 8971	..do...	L. E. Knorr, Assistant Comptroller.....	Student labor.....	289 49
O 8972	May 17	Baker & Co.....	Plat. wire.....	69 20
O 8973	..do...	The University of Illinois Supply Store.....	Office supplies.....	12 33
O 8974	..do...	The Caldwell Co.....	Electrical supplies.....	219 26
O 8975	..do...	Irving Pitt Mfg. Co.....	Bk. covers.....	2 07
O 8976	..do...	Library Bureau.....	Cards and slips.....	165 84
O 8977	..do...	United States Blue Print Paper Co.....	Tracing paper.....	1 47
O 8978	..do...	Neostyle Co.....	Stencil paper.....	11 43



## OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	† For what.	Amount.
	1915			
O 8979	May 17	Sanford Mfg. Co.	Office supplies	\$ 32 72
O 8980	do.	Metallurgical & Chemical Engineer	Subscription	2 00
O 8981	do.	Wilson Brothers	Team and driver	55 75
O 8982	do.	Munhall Printing House	Printing	6 50
O 8983	do.	Osgood Co.	Blue printing	60 82
O 8984	do.	Ward Brothers	Spring binders	2 32
O 8985	do.	Thos. Conron Hardware Co.	Screen wire	15 75
O 8986	do.	Sears, Roebuck & Co.	Building apparatus	5 37
O 8987	do.	Standard Oil Co.	Gasoline	5 25
O 8988	May 19	Morris Kramer	Wages	55 00
O 8989	do.	Pay roll	May 3-8, 1915	54 00
O 8990	do.	F. W. Wascher	Traveling expense	23 51
O 8991	do.	E. R. Green	Field work	35 50
O 8992	do.	H. C. Gilkerson	Traveling expense	36 51
O 8993	do.	Louis Haak	Field work	37 60
O 8994	do.	John Berlin	do.	39 70
O 8995	do.	H. W. Hollard	Traveling expense	16 13
O 8996	do.	Eugene Dietzgen Co.	Office supplies	6 39
O 8997	do.	J. T. Newsome	Traveling expense	32 30
O 8998	do.	O. M. Allyn	do.	26 67
O 8999	do.	Florence Harrison	do.	6 70
O 9000	do.	J. E. Whitechurch	do.	46 49
O 9001	do.	Charles A. Campbell	do.	39 80
O 9002	do.	Fred J. Blackburn	do.	35 47
O 9003	do.	S. A. Courtis	Office supplies	20 26
O 9004	do.	Herbert W. Mumford	Traveling expense	18 84
O 9005	do.	Coldwell Lawn Mower Co.	Machinery	10 21
O 9006	do.	Tuttle & Clark	Boots	2 84
O 9007	do.	D. T. Dobbins	Feed	1 85
O 9008	do.	Central Egg Carrier Co.	Egg carrier	12 74
O 9009	do.	Miller Harness Co.	Belt	3 00
O 9010	do.	Harry Herrick	Chains	8 45
O 9011	do.	Weimer & Schweinsberg	Auger holder	4 00
O 9012	do.	R. E. Donnelley & Sons Co.	Half tones	3 12
O 9013	do.	C. S. Brimley	Turtles	1 50
O 9014	do.	H. H. Newman	Museum specimens	11 00
O 9015	do.	Lussky, White & Coolidge	Castors	1 04
O 9016	do.	Baker & Co.	Platinum wire	21 00
O 9017	do.	Twin City Printing Co.	Printing	57 60
O 9018	do.	Henry H. Shufeldt & Co.	Chemicals	111 13
O 9019	do.	Frank D. Harris	Refreshments and services	54 05
O 9020	do.	Shultz Seed Co.	Feed	1 50
O 9021	do.	F. K. Robeson	General supplies	5 85
O 9022	do.	Miller Harness Co.	Harness	1 00
O 9023	do.	Frank Turner	Traveling expense	22 03
O 9024	do.	The University of Illinois Supply Store	Office supplies	5 78
O 9025	do.	Oldham Brothers	General supplies	1 30
O 9026	do.	Geo. W. Medley	Field work	51 66
O 9027	do.	Creamery Package Mfg. Co.	Machine repairs	2 43
O 9028	do.	Tablet & Ticket Co.	Office supplies	25 18
O 9029	do.	C. C. Logan	Traveling expense	22 26
O 9030	do.	Illinois State Reformatory	Printing	67 60
O 9031	do.	Flanigan-Pearson Co.	Printing	414 30
O 9032	do.	P. W. Kessinger	Field work	18 65
O 9033	do.	A. F. Gustafson	Traveling expense	17 62
O 9034	do.	R. W. Braithwaite	Services	26 00
O 9035	do.	E. H. Sargent & Co.	Chemicals	98 93
O 9036	do.	The Thompson & Norris Co.	S. M. cards	9 75
O 9037	do.	E. C. Atkins & Co.	Band saws	12 82
O 9038	do.	Champaign Steam Laundry	Laundry	86 47
O 9039	do.	A. S. Nelson & Sons	Food stuffs	6 55
O 9040	do.	Fawcous Machine Co.	Pinion and gear	30 00
O 9041	do.	American Vulcanized Fibre Co.	Gear blanks	4 98
O 9042	do.	Eisner Grocery Co.	Food supplies	82 59
O 9043	do.	J. T. Ryerson & Son	Building material	12 55
O 9044	do.	F. M. Giles	Printing	2 00
O 9045	do.	Fuller-Morrisson Co.	Chemicals	6 95
O 9046	do.	Louis Melind Co.	General supplies	1 90
O 9047	do.	Vaughan's Seed Store	Seeds	4 89
O 9048	do.	Keuffel & Esser Co.	Office supplies	24 83
O 9049	do.	A. C. McClurg & Co.	do.	6 41
O 9050	do.	H. W. Johns-Manville Co.	Cork boards	8 10
O 9051	do.	Creameans & Colsen	Repair work	3 00
O 9052	do.	Taylor Instrument Co.	Thermometers	12 39
O 9053	do.	P. S. Campbell	Printing	8 25
O 9054	do.	University Press	do.	3 25
O 9055	do.	Thomsen Chemical Co.	Chemicals	9 19
O 9056	do.	American Jersey Cattle Club	Sundries	1 50
O 9057	do.	R. P. Hildebrand	Blue printing	12 00

## OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
1915				
O 9058	May 19	F. M. Foltz	Sundries	\$ 18 50
O 9059	do	Haussman & Dunn Co.	Laboratory apparatus	10 61
O 9060	do	The Albert Dickinson Co.	Feed	2 48
O 9061	do	Diem & Wing Paper Co.	Milk bottles	7 00
O 9062	do	W. F. Murphey	Sundries	3 00
O 9063	do	Chester Horse Shoeing Shop	Horse shoes	10 50
O 9064	do	Twin City Ice & Cold Storage Co.	Ice	49 00
O 9065	do	Standard Cap & Seal Co.	Paper and tin fasteners	80 00
O 9066	do	Putnam-Page Co.	Flanges	1 00
O 9067	do	Alexander Lumber Co.	Lumber	75 78
O 9068	do	Corona Chemical Co.	Chemicals	8 25
O 9069	do	The Sherwin-Williams Co.	Paint	6 63
O 9070	do	J. C. B. Heater & Son	Hose connections	3 00
O 9071	do	Skinner Irrigation Co.	Machinery	14 00
O 9072	do	The Lisk Mfg. Co.	Wash basins	2 50
O 9073	do	Spencer Lens Co.	Lantern slides	2 80
O 9074	do	W. R. Bradley & Co.	Food supplies	37 52
O 9075	do	Chas. A. Hall Hardware Co.	General supplies	4 65
O 9076	do	Indian Refining Co.	Oil	5 20
O 9077	do	Crane Co.	Belt lacing	1 50
O 9078	do	Reliable Plumbing & Heating Co.	Machinery	5 33
O 9079	do	Twin City Roofing Co.	Paint pots	6 95
O 9080	do	Leavitt Mfg. Co.	Furnace jacket	11 69
O 9081	do	W. Lewis & Co.	Oil cloth	3 80
O 9082	do	The American Multigraph Sales Co.	Office supplies	1 24
O 9083	do	D. H. Loyde	Blue printing	7 25
O 9084	May 20	B. E. Powell	Traveling expense	5 45
O 9085	do	Eimer & Amend	Laboratory supplies	293 18
O 9086	do	James H. Greene	Traveling expense	30 92
O 9087	do	Commercial Telephone & Telegraph Co.	Telephone	6 94
O 9088	do	O. S. Watkins	Traveling expense	18 14
O 9089	do	Ruth Evaline Lieber	do	5 54
O 9090	do	Antonia Fischbacha	do	5 50
O 9091	do	C. H. Woolbert	do	21 50
O 9092	do	C. R. Richards	do	7 64
O 9093	May 21	Pay roll	May, 1915	50 00
O 9094	do	Harrison Fahrnkopf	Traveling expense	21 07
O 9095	do	John W. Foster	do	6 34
O 9096	do	S. V. Holt	do	41 52
O 9097	do	G. E. Gentie	do	32 09
O 9098	do	F. W. Wascher	do	29 14
O 9099	do	A. J. Loveloy	Lectures	30 00
O 9100	do	E. E. Hoskins	Traveling expense	17 82
O 9101	do	H. C. Wheeler	do	131 14
O 9102	do	J. G. Mosier	do	9 82
O 9103	do	J. D. White	Postage	400 00
O 9104	do	Pay roll	May, 1915	70 00
O 9105	do	C. F. Harding	May, 1915	100 00
O 9106	May 22	J. T. Newsome	Traveling expense	23 40
O 9107	do	W. F. Handschin	do	11 90
O 9108	do	C. A. Hughes	do	29 10
O 9109	do	L. M. Larson	do	6 10
O 9110	do	J. F. Webster & Co.	Food supplies	39 41
O 9111	do	C. H. Stoelting Co.	Colored papers	12 00
O 9112	do	Fuller-Morrison Co.	Chemicals	6 20
O 9113	do	Reliable Plumbing & Heating Co.	Building supplies	9 11
O 9114	do	R. R. Donnelley & Sons Co.	Zinc etchings	4 41
O 9115	do	Smith & Co.	Ice	40 00
O 9116	do	Watson Faulkner	Books	1 25
O 9117	do	S. E. Huff & Co.	Posts	18 00
O 9118	do	Walker & Mulliken	Linoleum	1 75
O 9119	do	A. J. Gunderson	Traveling expense	25 15
O 9120	May 24	L. E. Knorr, Assistant Comptroller	General labor	412 71
O 9121	do	L. E. Knorr, Assistant Comptroller	Student labor	284 02
O 9122	do	Nicholson File Co.	Office equipment	7 75
O 9123	do	Stipes & Hecker	Cement	21 20
O 9124	do	Eastman Kodak Co.	Kodak	6 00
O 9125	do	Frison Carriage Shop	Wagon tongue	3 50
O 9126	do	McKey & Poague	Water	50 00
O 9127	do	G. Gennert	Plate back	4 68
O 9128	do	J. A. & W. Bird & Co.	Paint	5 59
O 9129	do	The B. F. Goodrich Rubber Co.	Rubber	2 58
O 9130	do	Exide Battery Depots	Electrical supplies	48 12
O 9131	do	A. C. McClurg & Co.	Printing	40 00
O 9132	do	Indian Refining Co.	Gasoline	4 75
O 9133	do	The American Multigraph Sales Co.	Publications	2 51
O 9134	do	Soule Art Publishing Co.	General supplies	2 55
O 9135	do	Jos. Kuhn & Co.	Caps	1 80
O 9136	do	O. E. Shobe & Co.	Saddle horses	4 00

## OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1915			
O 9137	May 24	R. C. Wagner & Son.	Teaming.	\$ 23 60
O 9138	do.	University Press.	Printing.	13 20
O 9139	do.	George Strode.	Apparatus covers.	18 50
O 9140	do.	Henry Bosch Co.	Paint.	1 15
O 9141	do.	Freeman & Son.	Chains.	6 50
O 9142	do.	F. E. Colburn.	Prints.	1 10
O 9143	do.	Ebner Ice & Cold Storage Co.	General supplies.	5 92
O 9144	do.	The Elliott Co.	Stencils.	1 08
O 9145	do.	Machinist Supply Co.	Steel pins.	1 16
O 9146	do.	Albert E. Wuesteman.	Repairing regulator.	2 00
O 9147	do.	Taylor Hardware Co.	General supplies.	15 65
O 9148	do.	W. Lewis & Co.	Cotton and cloth.	2 80
O 9149	do.	F. M. Leslie.	Glass.	1 60
O 9150	do.	Twin City Roofing Co.	Roofing.	2 50
O 9151	do.	Chicago Flexible Shaft Co.	Cutters.	1 75
O 9152	do.	G. R. Grubb & Co.	Zinc etchings.	2 50
O 9153	do.	Corona Chemical Co.	Chemicals.	160 00
O 9154	do.	Thomsen Chemical Co.	Chemicals.	10 13
O 9155	do.	Friend Mfg. Co.	Hose and cocks.	24 01
O 9156	do.	The Sherwin-Williams Co.	Paint.	6 63
O 9157	do.	The Dow Chemical Co.	Lime sulphur.	14 78
O 9158	do.	Grasselli Chemical.	Arsenate of lead.	8 88
O 9159	do.	Fannie Brooks.	Lectures.	20 00
O 9160	do.	John H. Doyle.	General supplies.	2 09
O 9161	do.	The Frederick Post Co.	Office supplies.	15 73
O 9162	do.	Reliable Plumbing & Heating Co.	Pipes.	25 90
O 9163	do.	Central Scientific Co.	Rubber blubs.	4 53
O 9164	do.	The Linde Air Products Co.	Oxygen.	5 25
O 9165	do.	General Chemical Co.	Acid.	60 79
O 9166	do.	S. E. Dillavou.	General supplies.	4 05
O 9167	do.	Percival & Moorehead.	do.	5 25
O 9168	do.	Illinois State Reformatory.	Printing.	255 25
O 9169	do.	The Burr Co.	Rings and castings.	14 23
O 9170	do.	E. H. Sargent & Co.	Tubing, etc.	212 94
O 9171	do.	The University of Illinois Supply Store.	Blue printing.	9 91
O 9172	do.	The Tablet & Ticket Co.	Letter and figures.	7 73
O 9173	do.	Champaign Seed Co.	Seed.	15 82
O 9174	do.	G. Cramer Dry Plate Co.	Slides.	11 88
O 9175	do.	Geo. Murphy.	Office supplies.	5 00
O 9176	do.	Alexander Lumber Co.	Lumber.	19 82
O 9177	do.	Watson Faulkner.	Acid.	3 75
O 9178	do.	Aileen M. Crapo.	Traveling expense.	2 88
O 9179	do.	Joseph Dromgoole.	do.	6 12
O 9180	do.	Underfanger Bros.	Transferring books.	6 50
O 9181	do.	Milton Hult.	Traveling expenses.	9 44
O 9182	do.	Francis Rosenrance.	do.	5 62
O 9183	do.	Louis McKelvey.	do.	12 33
O 9184	do.	Burnham Maylard.	do.	10 40
O 9185	May 25	Roy Argo.	Wages.	55 00
O 9186	do.	W. J. Engle.	do.	75 00
O 9187	do.	Lawrence Engle.	do.	25 00
O 9188	do.	W. J. Hampton.	do.	75 00
O 9189	do.	W. R. Hardy.	do.	50 00
O 9190	do.	W. C. Jones.	do.	75 00
O 9191	do.	Homer O. Miller.	do.	47 50
O 9192	do.	Lucy M. Barto.	do.	20 00
O 9193	do.	Tom Carr.	do.	50 00
O 9194	do.	Jasper Dillon.	do.	55 00
O 9195	do.	Henry Mapes.	do.	50 00
O 9196	do.	B. H. Dunlap.	do.	70 00
O 9197	do.	L. A. Hunter.	do.	80 00
O 9198	do.	Emma Rohweder.	do.	45 00
O 9199	do.	Mrs. Louise Redman.	do.	60 00
O 9200	do.	Mrs. Lizzie Shue.	do.	40 00
O 9201	do.	Mrs. May Kramer.	do.	45 00
O 9202	do.	Mrs. A. D. Horn.	do.	35 00
O 9203	do.	Earl Meenach.	do.	70 00
O 9204	do.	J. E. Murdock.	do.	65 00
O 9205	do.	William Hough.	do.	83 33
O 9206	do.	John Floeken.	do.	65 00
O 9207	do.	George Bote.	do.	80 00
O 9208	do.	D. T. Brooks.	Wages, May, 1915.	50 00
O 9209	do.	Fred Pine.	do.	80 00
O 9210	do.	Frank Sanders.	do.	50 00
O 9211	do.	Charles Wheatcraft.	do.	50 00
O 9212	do.	J. F. Smith.	do.	75 00
O 9213	do.	M. D. Rose.	do.	55 00
O 9214	do.	Andrew Tonnquist.	do.	75 00
O 9215	do.	Lawrence Nesbit.	do.	55 00

## OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
1915				
O 9216	May 26	Chas. A. Campbell	Wages, May, 1915	\$ 65 00
O 9217	do	C. C. Chapman	do	100 00
O 9218	do	E. R. Brown	do	50 00
O 9219	do	Hugh Utterback	do	45 00
O 9220	do	H. D. McQueen	do	55 00
O 9221	do	Will Paterson	do	50 00
O 9222	do	M. F. Stivers	do	50 00
O 9223	do	W. M. Woods	do	50 00
O 9224	do	Mary B. McMillen	do	50 00
O 9225	do	Alice Reed	do	60 00
O 9226	do	W. L. Harry	do	100 00
O 9227	do	Emmett Brentlinger	do	55 00
O 9228	do	Lawrence Utterback	do	50 00
O 9229	do	Lucy Lowe	do	45 00
O 9230	May 24	Harry Pritchard	do	70 00
O 9231	do	Hazel Rhoades	do	60 00
O 9232	do	H. R. Farrington	do	50 00
O 9233	do	Ralph Pritchard	do	65 00
O 9234	do	J. S. Whitmire	do	60 00
O 9235	do	R. E. Zachmire	do	50 00
O 9236	do	Ethel Sharp	do	50 00
O 9237	do	A. J. Stoneburner	do	50 00
O 9238	do	Charles Pollard	do	50 00
O 9239	do	Ralph Chaplin	do	60 00
O 9240	do	D. C. Sprinkle	do	50 00
O 9241	do	Lavina Dille	do	60 00
O 9242	do	J. E. Morgan	do	15 00
O 9243	do	Daisy O. Swearingen	do	50 00
O 9244	do	J. T. Newsome	do	18 00
O 9245	do	F. C. Newsome	do	18 00
O 9246	do	T. V. Newsome	do	18 00
O 9247	do	John Palfrey	do	75 00
O 9248	do	Hazel Clemence	do	85 00
O 9249	do	Marvel Jones	do	50 00
O 9250	May 26	R. A. Louret	do	50 00
O 9251	do	Elmer Jenkins	do	60 00
O 9252	do	Geo. Jensen	do	60 00
O 9253	do	A. C. Peterson	do	50 00
O 9254	do	J. E. Kelley	do	65 00
O 9255	do	Garfield Jones	do	75 00
O 9256	do	Clyde Hamlin	do	60 00
O 9257	do	Hiram Hamlin	do	55 00
O 9258	do	Alice Probst	do	50 00
O 9259	do	J. C. Anderson	do	70 00
O 9260	do	W. L. Bennett	do	75 00
O 9261	do	Robert W. Stark	do	100 00
O 9262	do	G. S. Beaumont	do	65 00
O 9263	do	R. S. Dunham	do	60 00
O 9264	do	C. T. Hufford	do	50 00
O 9265	do	K. W. Parkinson	do	45 00
O 9266	do	E. J. Pilshard	do	45 00
O 9267	do	F. C. Richey	do	57 50
O 9268	do	T. R. Shively	do	57 50
O 9269	do	Irma Latzer	do	17 50
O 9270	do	Florence Churton	do	40 00
O 9271	do	H. A. Cate	do	70 00
O 9272	do	Earl Garver	do	65 00
O 9273	do	Chas. B. Price	do	60 00
O 9274	do	C. G. Cox	do	60 00
O 9275	do	R. R. Manley	do	21 24
O 9276	do	R. R. Hadley	do	33 63
O 9277	do	M. W. Jean	do	55 00
O 9278	do	E. K. Augustus	do	70 00
O 9279	do	Fred J. Blackburn	do	60 00
O 9280	do	C. A. Hughes	do	50 00
O 9281	do	Ralph Engle	do	30 00
O 9282	do	Florence Stoutzenberg	do	25 00
O 9283	do	C. F. Goodman	do	54 00
O 9284	do	F. A. Aust	Traveling expense	42 97
O 9285	do	Edw. A. Schwing	do	11 45
O 9286	do	Tice & Lynch	Freight	4 20
O 9287	do	G. W. Sheldon & Co.	do	5 30
O 9288	do	John B. Bennett	Labor and material	201 20
O 9289	do	The Burr Co.	Building material	109 33
O 9290	do	Twin City Roofing Co.	Repairing work	62 43
O 9291	do	J. D. White	Postage	400 00
O 9292	do	Jacob White	Labor and material	17 50
O 9293	do	C. F. Goodman	Traveling expense	6 77
O 9294	do	H. F. Rhodes	do	91 10

## OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
1915				
O 9295	May 25	Frank A. Pearson	Traveling expense	\$ 14 56
O 9296	do.	H. A. Hollister	do.	31 93
O 9297	do.	Ora B. Castle	Wages, May, 1915	50 00
O 9298	May 27	A. L. Moody	do.	45 00
O 9299	do.	W. W. Miller	do.	75 00
O 9300	do.	R. M. Ross	do.	80 00
O 9301	do.	Sadie Jones	do.	50 00
O 9302	do.	A. J. Nickerson	do.	60 00
O 9303	do.	W. Lewis & Co.	Cloth.	5 49
O 9304	do.	Stone & Forsyth Co.	Cartridge cartons	44 10
O 9305	do.	Wm. McD. Stone	Feed stuffs	8 05
O 9306	do.	Shellabarger Mill & Ele Co.	Feed stuffs	1 45
O 9307	do.	Holstein-Friesian Assn. of America	Registration	1 50
O 9308	do.	W. D. Hoard & Sons Co.	General supplies	8 60
O 9309	do.	R. C. Wagner & Son	Coal	16 50
O 9310	do.	Reliable Plumbing & Heating Co.	General supplies	15 42
O 9311	do.	B. A. Strach	Blue printing	2 25
O 9312	do.	Illinois State Reformatory	Printing	18 70
O 9313	do.	F. K. Robeson	General supplies	40 13
O 9314	do.	Stipes & Hecker	Cement	9 50
O 9315	do.	Geo. B. Carpenter & Co.	Sheeting	94 98
O 9316	do.	P. S. Campbell	Printing	8 75
O 9317	do.	The Caldwell Co.	Carbons	36 75
O 9318	do.	G. C. Willis	Cloth	8 52
O 9319	do.	Twin City Creamery Co.	Colonial salt	4 60
O 9320	do.	The Chester Transfer Co.	Drayage	35 88
O 9321	do.	Samuel Abrams	Rent	3 50
O 9322	do.	Carter White Lead Co.	Paints	32 47
O 9323	do.	H. D. Oberdorfer	Traveling expense	23 93
O 9324	do.	Schermerhorn Brothers Co.	Mops	17 64
O 9325	do.	The Lunkenheimer Co.	Grease cups	6 74
O 9326	do.	The Babcock & Wilcox Co.	Tubes No. 10 gauge	153 00
O 9327	do.	E. L. Duke	Pictures	1 50
O 9328	do.	Dagles Studio	Prints	3 00
O 9329	do.	Walker & Mulliken	Shades	4 60
O 9330	do.	Albert E. Wuesteman	Medal	36 00
O 9331	do.	National Ry. Publication Co.	Subscription	8 00
O 9332	do.	Soft Water Laundry	Laundry	2 25
O 9333	do.	Irwin W. Maxwell	Live stock	150 00
O 9334	do.	D. T. Dobbins	Oats	1 40
O 9335	do.	Fuller-Morrison Co.	Oil	1 25
O 9336	do.	W. M. Davis	Pump repair	6 00
O 9337	do.	The J. B. Ford Co.	Cleaner	25 00
O 9338	do.	B. A. Grasberger & Co.	Dishes and spoons	51 45
O 9339	do.	Fercival & Moorehead	General supplies	13 30
O 9340	do.	The Burr Co.	Inspecting pipe	16 24
O 9341	do.	Oldham Brothers	Chemicals	2 75
O 9342	do.	Flanigan-Pearson Co.	Printing	261 60
O 9343	do.	F. M. Leslie	Chemicals	12 35
O 9344	do.	Twin City Ice & Cold Storage Co.	do.	39 52
O 9345	do.	Eimer & Amend	do.	4 01
O 9346	do.	Central Electric Co.	do.	41 10
O 9347	do.	F. J. Burns & Co.	Frogs and turtles	19 10
O 9348	do.	Champaign Ice Cream Co.	Salt and gelatine	15 30
O 9349	do.	Teachers College Col. University	General supplies	1 09
O 9350	do.	Division of Education Russell Sage Foundation	Writing	1 20
O 9351	do.	C. G. Pearse	Advertising	20 00
O 9352	do.	Chesley & Co.	Fruit	3 32
O 9353	do.	Illinois Tree Expert Co.	Pruning trees	200 00
O 9354	do.	Edward C. Schmidt	Traveling expense	7 99
O 9355	do.	Victor E. Shelford	do.	1 35
O 9356	do.	Parke, Davis & Co.	Pepsin	1 58
O 9357	do.	Swartz Electric Shop	Dry cells	3 00
O 9358	do.	Illinois State Penitentiary	Brooms	2 59
O 9359	do.	Gulick Tailoring Co.	Badges	27 75
O 9360	do.	L. E. Knorr, Assistant Comptroller	Student labor	169 00
O 9361	do.	L. E. Knorr, Assistant Comptroller	General labor	126 75
O 9362	do.	Erle Cavette	Wages, May, 1915	40 00
O 9363	do.	S. D. Harwood	do.	57 50
O 9364	do.	Ralph M. Netz	do.	21 00
O 9365	do.	R. W. Millar	do.	18 40
O 9366	do.	G. A. Deveneau	do.	13 80
O 9367	do.	M. F. Edwards	do.	12 60
O 9368	do.	E. W. Mattoon	do.	60 00
O 9369	do.	Agnes A. Wagner	do.	40 00
O 9370	do.	Forest Mock	do.	50 00
O 9371	do.	Marion E. Sparks	do.	60 00
O 9372	do.	Jeanette Craigmile	do.	50 00

## OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1915			
O 9373	May 27	K. A. Hathaway	Wages, May, 1915	\$ 50 00
O 9374	do.	C. A. Brumley	do.	57 20
O 9375	May 28	Central Electric Co.	Electrical supplies	37 18
O 9376	do.	G. W. Sheldon & Co.	Freight	16 72
O 9377	do.	Wm. Schlotzhauer	Field work	21 00
O 9378	do.	P. D. Long	do.	44 75
O 9379	do.	O. S. Watkins	Traveling expense	20 68
O 9380	do.	H. W. Blaney	do.	1 44
O 9381	do.	James O. Tupper	do.	14 39
O 9382	do.	H. C. Wheeler	do.	45 74
O 9383	do.	Frank A. Pearson	do.	3 90
O 9384	do.	Elmer & Amend	Gas tubes	15 67
O 9385	do.	The Letter Shop	Printing	2 75
O 9386	do.	Indian Refining Co.	Gasoline	10 75
O 9387	do.	G. Cramer Dry Plate Co.	General supplies	14 26
O 9388	do.	L. C. Smith & Bros.	Rental	7 50
O 9389	do.	Peoples Gas Light & Coke Co.	Lighting	18 24
O 9390	do.	The Linde Air Products Co.	Laboratory apparatus	2 00
O 9391	do.	T. H. Craig	Fobs	20 00
O 9392	do.	C. C. Logan	Traveling expenses	13 68
O 9393	do.	F. C. Bauer	do.	8 27
O 9394	do.	E. E. Hoskins	do.	23 83
O 9395	do.	S. V. Holt	do.	36 36
O 9396	do.	F. W. Wascher	do.	20 01
O 9397	do.	J. T. Newsome	do.	18 63
O 9398	do.	F. W. Garrett	do.	18 26
O 9400	do.	Chas. A. Campbell	do.	26 67
O 9401	do.	Harrison Fahrnkopf	do.	9 69
O 9402	do.	Jacob Ten Boer	do.	35 15
O 9403	do.	J. W. Smith	Field work	52 80
O 9404	do.	Urie Johnson	do.	34 40
O 9405	do.	E. W. Dickenson	Traveling expense	23 90
O 9406	do.	H. W. Stewart	do.	36 44
O 9407	do.	E. Van Alstine	do.	28 99
O 9408	May 29	J. P. Amner	do.	30 22
O 9409	do.	Eisner Grocery Co.	Jars	2 57
O 9410	do.	Champaign Seed Co.	Seed and meal	22 45
O 9411	do.	Taylor Hardware Co.	General supplies	5 30
O 9412	do.	S. E. Huff & Co.	Lumber	48 25
O 9413	do.	Maas Brothers	Building supplies	39 90
O 9414	do.	V. Mueller & Co.	Laboratory apparatus	15 55
O 9415	do.	Barron Bros. Coal Co.	Hay	4 06
O 9416	do.	Harris & Scheuber	Carrots	10 00
O 9417	do.	Western Lumber Co.	Lumber	6 05
O 9418	do.	Arthur Ochs	Rabbits and guinea pigs	42 00
O 9419	do.	Physicians' Supply & Drug Co.	Apron, water proof	1 00
O 9420	do.	H. W. Johns-Manville Co.	Felt and cement	18 71
O 9421	do.	Bradner Smith & Co.	Office supplies	38 75
O 9422	do.	Anna Hay	Services	5 00
O 9423	do.	H. F. Bremer	Repair work	6 24
O 9424	do.	H. S. McCracken Box & Label Co.	Cardboard cartons	8 15
O 9425	do.	Thos. J. Dee & Co.	Gold ropes	75 15
O 9426	do.	Chicago Addressing Co.	Printing	17 82
O 9427	do.	Calumet Laundry Co.	Laundry	77 58
O 9428	do.	Fred M. Lawrence & Co.	Passpatout	3 50
O 9429	do.	T. H. Boughton	Muse spec.	1 00
O 9430	do.	Library Bureau	White cards	2 00
O 9431	do.	Heath & Milligan Mfg. Co.	Paints	11 85
O 9432	do.	A. C. McClurg & Co.	Pencil sharpener	3 86
O 9433	do.	John Becker	Rabbits	16 00
O 9434	do.	M. W. Vallentyne	Postage	200 00
O 9435	do.	C. L. Frame Dental Supply Co.	General supplies	22 83
O 9436	do.	Ahrens & Schreiner	Food supplies	2 10
O 9437	do.	James T. Dougherty	Pepettes	3 27
O 9438	do.	Boston Store	Fertilizer	6 51
O 9439	do.	Antiseptol Liquid Soap Co.	Soap	28 81
O 9440	do.	J. D. White	Postage	322 40
O 9441	do.	M. H. Campbell	Traveling expense	12 53
O 9442	do.	Paul N. Hanger	do.	17 28
O 9443	do.	R. Winship	do.	2 90
O 9444	do.	A. E. Williams	do.	3 00
O 9445	do.	G. P. Tuttle	do.	7 80
O 9446	do.	The Tablet & Ticket Co.	White letters	1 93
O 9447	do.	E. H. Sargent & Co.	Volu flanks	3 00
O 9448	do.	Percival & Moorehead	Staples	2 00
O 9449	do.	Oldham Brothers	Chemicals	1 40
O 9450	do.	W. Lewis & Co.	Garbage can	1 39
O 9451	do.	G. C. Willis	Sheets	2 55
O 9451	do.	Vaughans Seed Store	Seeds	1 55

## OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1915			
O 9452	May 29	The Caldwell Co.	Carbon lamps.	\$ 1 60
O 9453	..do..	Raymond Mooney.	Labor.	4 60
O 9454	..do..	Bullard & Gormley Co.	Wrenches.	1 88
O 9455	..do..	W. W. Walls & Co.	Lumber.	11 52
O 9456	..do..	J. C. Gabel.	Gal. iron.	1 85
O 9457	..do..	D. T. Dobbins.	Grinding oats.	1 92
O 9458	..do..	S. E. Dillavou.	Fencing.	13 60
O 9459	..do..	F. S. Campbell.	Printing.	6 25
O 9460	..do..	W. & L. B. Gurley.	Wire.	3 65
O 9461	..do..	E. C. Amling Co.	General supplies.	52 75
O 9462	..do..	Kewaunee Mfg. Co.	Castings.	3 40
O 9463	..do..	The D. Hill Nursery Co.	General supplies.	13 90
O 9464	..do..	F. M. Mulliken.	Advertising.	4 80
O 9465	..do..	Standard Sanitary Mfg. Co.	Castings.	6 86
O 9466	..do..	Standard Oil Co.	Oil.	33 24
O 9467	..do..	A. N. Pierson.	General supplies.	1 00
O 9468	..do..	Monmouth College Oracle.	Advertising.	1 00
O 9469	..do..	Sefton Mfg. Co.	Paper boxes.	11 34
O 9470	May 3.	The Western Electric Co.	Carbons.	3 74
O 9471	..do..	C. E. Durst.	Traveling expense.	9 44
O 9472	..do..	Fuller-Morrisson Co.	Chemicals.	66 96
O 9473	..do..	Swift & Co.	Laboratory supplies.	3 39
O 9474	..do..	The L. S. Starrett Co.	General supplies.	6 41
O 9475	..do..	Physicians' Supply & Drug Co.	Plasters.	1 25
O 9476	..do..	Static X-Ray Co.	Repair static machine.	26 00
O 9477	..do..	Arthur Ochs.	Rabbits.	13 00
O 9478	..do..	Butler Brothers.	Covered dishes.	5 34
O 9479	..do..	John Becker.	Rabbits.	9 00
O 9480	..do..	Consumers Co.	Ice coupons.	7 50
O 9481	..do..	Kasen's Express & Van Co.	Drayage.	11 73
O 9482	..do..	A. O. Magnuson.	Wages, May, 1915.	80 00
O 9483	..do..	Kelsey B. Gardner.	..do..	65 00
O 9484	..do..	Pay roll.	May, 1915.	31 50
O 9485	..do..	B. H. Ordonez.	Wages, May, 1915.	90 00
O 9486	..do..	Elmer S. Rigg.	..do..	150 00
O 9487	..do..	C. A. Kiler.	Labor.	1 00
O 9488	..do..	Miller-Bryant-Pierce Co.	Office supplies.	5 88
O 9489	..do..	Louis Melind Co.	Plain stamps.	2 52
O 9490	..do..	Pantagraph Printing & Stationery Co.	Printing.	47 04
O 9491	..do..	E. B. Walton.	Labor.	61 37
O 9492	..do..	G. R. Grubb & Co.	Zinc etchings.	10 00
O 9493	..do..	C. A. Kiler.	Picture frames.	5 00
O 9494	..do..	The Williams & Anderson Co.	Medals.	122 10
O 9495	..do..	Sears, Roebuck & Co.	Building supplies.	16 98
O 9496	..do..	Quality Grocery & Market.	Food supplies.	79 85
O 9497	..do..	Chicago Packing House.	Laboratory supplies.	5 38
O 9498	..do..	F. K. Robeson.	Toweling.	135 00
O 9499	..do..	H. Swannell & Son.	Plasters.	4 80
O 9500	..do..	E. H. Sargent & Co.	Asbestos.	9 50
O 9501	..do..	Eimer & Amend.	Sulphate.	3 26
O 9502	..do..	Montgomery Ward & Co.	Laboratory supplies.	20 45
O 9503	..do..	Keuffel & Esser Co.	General supplies.	8 35
O 9504	..do..	Eisner Grocery Co.	Matches.	27 50
O 9505	..do..	Friend Mfg. Co.	Nozzles.	2 20
O 9506	..do..	Anasco Co.	General supplies.	17 29
O 9507	..do..	American Chemical School.	Printing.	2 44
O 9508	..do..	High School Life.	Advertising.	5 00
O 9509	..do..	T. H. Craig.	Stop watch.	8 25
O 9510	June 2	L. E. Knorr, Assistant Comptroller.	Student labor.	415 64
O 9511	..do..	L. E. Knorr, Assistant Comptroller.	General labor.	424 74
O 9512	June 3	Bernard Harrington.	Wages, May, 1915.	60 00
O 9513	..do..	Pay roll.	May, 1915.	4, 619 16
		Atwell, W. M.	Salary.	\$ 60 48
		Bailey, J. E.	..do..	63 42
		Brown, Harry.	..do..	65 10
		Brown, Basil.	..do..	72 00
		Bullock, David M.	..do..	66 01
		Butler, T.	..do..	64 17
		Carson, R. S.	..do..	62 20
		Cassidy, James T.	..do..	50 00
		Ceduskey, John.	..do..	79 20
		Cheever, J. W.	..do..	53 40
		Collins, A. L.	..do..	56 80
		Davis, Joseph.	..do..	74 55
		English, B. F.	..do..	63 25
		Fay, T. J.	..do..	96 10
		Fender, Louis.	..do..	63 36
		Fiscus, J. J.	..do..	67 16
		Fogarty, F.	..do..	54 92

## OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount
O 9513 Cld.	1915 June 3	Fogarty, W.	Salary	\$ 53 50
		Franklin, T. F.	do.	59 43
		Freeman, C. Y.	do.	61 95
		Graybeal, W. H.	do.	63 88
		Hamblins, Sell.	do.	54 40
		Hanson, S.	do.	74 13
		Hargan, E.	do.	71 68
		Heinz, L. T.	do.	57 40
		Higgins, Harry.	do.	85 20
		Hixon, W. G.	do.	51 80
		Hoover, F. F.	do.	58 96
		Hutton, Ross.	do.	57 04
		Irvine, F.	do.	75 76
		Irvine, James.	do.	56 28
		Johnson, A. L.	do.	53 40
		Johnson, C. C.	do.	66 57
		Jones, Mrs. Margaret.	do.	44 20
		Justus, E. W.	do.	108 00
		Langhoff, F.	do.	66 24
		Lewis, E. C.	do.	77 28
		Litton, A. C.	do.	66 57
		Long, John F.	do.	81 84
		Long, Thomas.	do.	78 30
		Mahorney, H. H.	do.	67 62
		Mendenhall, Oscar L.	do.	50 10
		Meneely, Dan.	do.	62 79
		Miller, C. M.	do.	56 70
		Moore, P. O.	do.	50 90
		Morgan, Mrs. Rebecca.	do.	42 50
		McAllister, A. J.	do.	78 00
		McCullough, James.	do.	62 48
		McClughen, Mrs. F. E.	do.	44 20
		McFadden, W. J.	do.	46 20
		McFarland, W. J.	do.	55 20
		Newton, J. R.	do.	72 00
		Peterson, Nick.	do.	53 60
		Perry, F. M.	do.	71 53
		Purkins, J. F.	do.	60 06
		Richards, E.	do.	107 52
		Ryan, Mary E.	do.	44 20
		Service, A.	do.	67 85
		Snider, J. C.	do.	54 39
		Stateler, F.	do.	71 06
		Stearns, Lee M.	do.	58 38
		Thompson, H. L.	do.	57 00
		Tillotson, I. F.	do.	70 03
		Toy, George.	do.	48 07
		Turner, George.	do.	67 62
		Walters, Prentice E.	do.	36 00
		Warmbier, A.	do.	84 00
		Warmby, E.	do.	71 99
		Wilde, William.	do.	96 10
		Henderson, T. O.	do.	109 82
		Murphey, Ruthe.	do.	60 32
O 9514	do.	Pay roll.	May, 1915	\$1,809 12
		Browning, J. E.	Salary	\$63 40
		Cagann, Carl.	do.	60 52
		Clark, Bert.	do.	65 03
		Crackel, Ben.	do.	57 80
		Crump, Frank.	do.	72 00
		Dunseth, C. A.	do.	89 60
		Felgner, M.	do.	54 20
		Fox, Felix.	do.	71 10
		Glenn, V. S.	do.	52 80
		Johns, E.	do.	56 20
		Kenney, T. J.	do.	69 25
		Klien, J. A. J.	do.	73 92
		Mathews, Thurman R.	do.	60 40
		Moody, D. L.	do.	57 60
		McDaniel, B. F.	do.	53 80
		Neblock, Carl.	do.	82 35
		Ollis, C. M.	do.	63 20
		Palfreyman, Richard A.	do.	55 30
		Presson, Edwin W.	do.	51 80
		Rittenhouse, George.	do.	47 47
		Smock, Lloyd H.	do.	63 20
		Strum, Gus.	do.	66 60
		Swearingen, Henry O.	do.	62 10
		Tatlock, Roy.	do.	52 00



## OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
1915				
O 9514	June 3	Utterback, Oliver J.	Salary.	\$57 60
Cld.		Wells, Edwin.	do.	52 88
		Wiltz, Frank A.	do.	85 00
		Wingler, Walter.	do.	60 00
		Carothers, Cevilla.	do.	52 00
O 9515	do.	Otto West.	Wages, May, 1915.	\$ 60 00
O 9516	do.	M. E. Applegate.	do.	51 30
O 9517	do.	W. M. Woods.	Teaming.	15 00
O 9518	do.	R. C. Wagner & Son.	do.	211 93
O 9519	do.	Geo. B. Carpenter & Co.	General supplies.	41 65
O 9520	do.	R. W. Dickenson.	Traveling expense.	29 95
O 9521	do.	J. G. Mosier.	do.	14 70
O 9522	do.	H. C. Gilkerson.	do.	39 10
O 9523	do.	A. L. Moats.	Field work.	23 10
O 9524	do.	Home Telephone Co.	Telephone.	9 00
O 9525	do.	Commercial Telephone & Telegraph Co.	Telephone and telegraph.	4 61
O 9526	do.	W. A. Ruth.	Traveling expense.	25 37
O 9527	do.	L. R. Lang.	do.	3 75
O 9528	do.	Frank Turner.	do.	3 28
O 9529	do.	N. W. Hepburn.	do.	14 87
O 9530	do.	W. W. Yapp.	do.	10 48
O 9531	do.	Harris & Mead.	Ice cream.	6 30
O 953	do.	Jacob White.	Plastering.	12 25
O 9533	do.	C. A. Kiler.	Cane seats.	3 25
O 9534	do.	Indianapolis Paint & Color Co.	Paint.	6 38
O 9535	do.	General Chemical Co.	Chemicals.	10 60
O 9536	do.	Wadsworth-Howlnd Co.	Polish.	5 88
O 9537	do.	Gerts Lumbard & Co.	Stucco.	12 69
O 9538	do.	Cudahy Packing Co.	Soap.	20 00
O 9539	do.	Schermerhorn Brothers Co.	Mops.	17 64
O 9540	do.	L. H. Provine.	Traveling expense.	10 69
O 9541	do.	The Western Electric Co.	Electric supplies.	2 49
O 9542	do.	J. T. Ryerson & Son.	Ferrules flanged.	8 10
O 9543	do.	H. Channon Co.	Castors.	10 78
O 9544	do.	The Caldwell Co.	Lamps.	73 18
O 9545	do.	Harry Herrick.	General supplies.	46 00
O 9546	do.	The Harshaw, Fuller & Goodwin Co.	Aluminum.	22 53
O 9547	do.	Burdett-Rowntree Mfg. Co.	Resistance tube.	1 31
O 9548	do.	Weil Brothers.	Lead pipe.	15 53
O 9549	do.	American Steel & Wire Co.	Wire.	12 00
O 9550	do.	Geo. Strode C.	Awnings.	22 00
O 9551	do.	American Can Co.	Building equipment.	22 44
O 9552	do.	The Hartford Steam Boiler Inspection & Insurance Co.	Hammers and inspection suits.	11 00
O 9553	do.	Henry Weis Cornice Co.	Diffuser.	3 95
O 9554	do.	McKey & Poague.	Rent.	500 00
O 9555	do.	The Babcock & Wilcox Co.	Boiler repair.	58 43
O 9556	June 5	A. L. Shriver.	Wages, May, 1915.	51 48
O 9557	do.	Edward Brown.	do.	38 00
O 9558	do.	Geo. F. Smalley.	do.	24 20
O 9559	do.	Asa Egelston.	do.	40 00
O 9560	do.	J. W. Rhinesmith.	do.	45 83
O 9561	do.	Mark Small.	do.	60 00
O 9562	do.	H. W. Hollard.	do.	17 75
O 9563	do.	Maude Campbell.	do.	47 00
O 9564	do.	Mason H. Campbell.	do.	12 30
O 9565	do.	T. M. Lyons.	do.	36 00
O 9566	do.	R. S. Zeitler.	do.	25 81
O 9567	do.	Flanigan-Pearson Co.	Printing.	308 44
O 9568	do.	Ansco Co.	Office supplies.	15 55
O 9569	do.	Woldenberg & Schaar.	Laboratory apparatus.	18 22
O 9570	do.	John W. Spalding.	Shoes.	4 00
O 9571	do.	The Linde Air Products Co.	Re-testing cylinder.	1 00
O 9572	do.	G. R. Grubb & Co.	Corn belter cuts.	25 05
O 9573	do.	Putnam-Page Co.	General supplies.	42 40
O 9574	do.	Knox student.	Advertising.	2 97
O 9575	do.	B. A. Strauch.	Blue printing.	1 85
O 9576	do.	Paul G. Miller.	Advertising.	12 00
O 9577	do.	Indianapolis Blue Print & Supply Co.	Blue printing.	3 25
O 9578	do.	J. M. Hanson-Bennett Magazine Agency.	Magazines.	1 20
O 9579	do.	United States Blue Print Paper Co.	Supplies.	19 31
O 9580	do.	Watry & Heidkamp.	Filters.	2 85
O 9581	do.	G. Cramer Dry Plate Co.	Plates.	12 96
O 9582	do.	H. K. Mulford Co.	Serum.	1 84
O 9583	do.	Merek & Co.	Advertising.	3 75
O 9584	do.	Carl J. Stein.	Repairing pipes.	33 90
O 9585	do.	H. I. Carpenter.	Piano tuning.	4 50
O 9586	do.	Sears, Roebuck & Co.	General supplies.	8 25
O 9587	do.	Central Scientific Co.	Laboratory apparatus.	15 09

## OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1915			
O 9588	June 5	John H. Doyle	Building material	\$ 5 00
O 9589	do.	J. T. Ryerson & Son	Steel	6 75
O 9590	do.	Belden Mfg. Co.	Wire	33 65
O 9591	do.	J. C. Gabel	Angle iron	4 36
O 9592	do.	The Elliott Co.	Stencils	3 87
O 9593	do.	Hunter, Rourke & Co.	Table top	6 25
O 9594	do.	Siegel, Cooper & Co.	Ribbon	6 80
O 9595	do.	F. W. Wascher	Traveling expense	39 43
O 9596	do.	J. T. Newsome	do.	37 14
O 9597	do.	F. W. Garrett	do.	33 15
O 9598	do.	E. E. Hoskins	do.	12 15
O 9599	do.	O. M. Allyn	do.	16 19
O 9600	do.	C. C. Logan	do.	25 17
O 9601	do.	R. W. Dickenson	do.	41 17
O 9602	do.	S. V. Holt	do.	25 43
O 9603	do.	University Press	Printing	62 50
O 9604	do.	H. F. Moore	Traveling expense	51 80
O 9605	do.	The L. S. Starrett Co.	Saws	6 01
O 9606	do.	F. S. Wells	1915 Illio.	2 00
O 9607	do.	Walworth Mfg. Co.	Deduction from voucher 7530	2 28
O 9608	do.	Chicago Belting Co.	Belting	7 32
O 9609	do.	A. M. & L. A. Terwilliger	Blow torch	2 70
O 9610	do.	J. L. Fidler Motor Co.	Front cylinder	19 50
O 9611	do.	Justrite Mfg. Co.	General supplies	4 50
O 9612	do.	The Babcock & Wilcox Co.	Tube brick	10 00
O 9613	do.	C. A. Kiler	Chairs	9 00
O 9614	do.	Hoosier Mfg. Co.	Soap	24 25
O 9615	June 7	Marshall Field & Co.	Gauze	25 72
O 9616	do.	Wadsworth-Howland Co.	Paint	9 62
O 9617	do.	The Caldwell Co.	Lamps	37 60
O 9618	do.	Charles Graham Chemical Pottery Works	Sink	10 88
O 9619	do.	French Battery & Carbon Co.	Batteries	22 05
O 9620	do.	Butler Brothers	Cloth duster	6 69
O 9621	do.	Colwell-Ideal Corporation	General supplies	33 05
O 9622	do.	Weil Brothers	Nipples	3 67
O 9623	do.	The Blake & Knowles Steam Pump Works	Steam pump supplies	3 25
O 9624	do.	Twin City Bindery & Blank Book Co.	Cardboard	1 15
O 9625	do.	H. C. Wheeler	Traveling expense	42 98
O 9626	do.	J. E. Whitchurch	do.	35 85
O 9627	do.	A. F. Gustafson	do.	18 60
O 9628	do.	The Western Electric Co.	Electrical supplies	85 51
O 9629	do.	Manhattan Electric Supply Co.	Wire	26 89
O 9630	do.	Hunter Rourke & Co.	Lumber	46 51
O 9631	do.	Walworth Mfg. Co.	Steel pipe	65 49
O 9632	do.	Pay roll	May, 1915	54 00
O 9633	do.	Geo. W. Matheny	Field work	30 79
O 9634	do.	C. E. Burkhardt	do.	27 55
O 9635	do.	J. B. Marshall	do.	108 40
O 9636	do.	Commercial Telephone & Telegraph Co.	Service	6 84
O 9637	do.	The Weis Mfg. Co.	General supplies	21 47
O 9638	do.	Franz A. Aust	Traveling expense	5 40
O 9639	do.	Emily Dörner	Instructing class	50 00
O 9640	do.	Florence Harrison	Traveling expense	29 66
O 9641	do.	James M. White	do.	3 00
O 9642	do.	H. P. Rusk	do.	9 09
O 9643	do.	Wm. Aten Sr.	Field work	12 35
O 9644	do.	A. L. Moats	do.	22 00
O 9645	do.	Albert Tate	do.	34 77
O 9646	do.	William Fliege	do.	27 62
O 9647	do.	Machinist Supply Co.	Pulleys	2 86
O 9648	do.	Norton Co.	Wheels	1 80
O 9649	do.	J. T. Ryerson & Son	Steel	20 83
O 9650	do.	American Steel & Wire Co.	Steel	1 19
O 9651	do.	The Roessler & Hasslacher Chemical Co.	Pure acetone	14 67
O 9652	do.	General Chemical Co.	Chemicals	121 03
O 9653	do.	University Club of Urbana & Champaign	Guest room	2 60
O 9654	do.	International Press Clipping Bureau	Clip service	5 00
O 9655	do.	Twin City Bindery & Blank Book Co.	Cloth board	17 50
O 9656	do.	Empire Laundry	Laundry	7 95
O 9657	do.	I. J. Lytle	Pump repair	2 00
O 9658	do.	Stephen Rogers	Field work	102 55
O 9659	do.	William Powell	do.	33 50
O 9660	do.	Geo. W. Medley	do.	38 25
O 9661	do.	Frank Morgan	do.	27 00
O 9662	do.	Remington Typewriter Co.	Carbon	15 00
O 9663	do.	Standrd Oil Co.	Oil	11 04
O 9664	do.	The Decaturian	Advertising	2 50
O 9665	do.	Ward's National Science Establishment	Laboratory apparatus	3 64

## OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1915			
O 9666	June 7	Western Stoneware Co.	Jars and crates.	\$ 8 80
O 9667	do.	Carlson & Anderson.	Twine.	4 50
O 9668	do.	E. V. Kirby Auto Co.	Oil.	1 20
O 9669	do.	L. L. Olds Seed Co.	Seed.	4 05
O 9670	do.	The Arthur H. Thomas Co.	Cobalt with glass stopper.	1 97
O 9671	June 8	Morse Twist Drill & Machine Co.	Drills.	2 97
O 9672	do.	James B. Clow & Sons.	Iron pipes.	12 77
O 9673	do.	R. W. Braithwaite.	Lead and zinc.	4 50
O 9674	do.	John Richard.	Straw.	13 65
O 9675	do.	Geo. B. Carpenter & Co.	Stack covers.	47 53
O 9676	do.	The Stentor.	Advertising.	2 50
O 9677	do.	Twin City Bindery & Blank Book Co.	Card board.	2 10
O 9678	do.	C. J. Welch.	Wages, May, 1915.	126 00
O 9679	do.	L. E. Knorr, Assistant Comptroller.	General labor.	451 13
O 9680	do.	L. E. Knorr, Assistant Comptroller.	do.	227 77
O 9681	June 9	Agnes A. Wagner.	Wages, May, 1915.	35 00
O 9682	do.	E. W. Mattoon.	do.	60 00
O 9683	do.	Harrison Fahrnkoph.	Traveling expense.	11 02
O 9684	do.	Frank W. Garrett.	do.	28 65
O 9685	do.	Chas. A. Campbell.	do.	22 93
O 9686	do.	Wm. Webb.	Field work.	98 05
O 9687	do.	B. E. Powell.	Traveling expense.	6 29
O 9688	do.	Eimer & Amend.	Chemicals.	50 12
O 9689	do.	The Carson Fayson Co.	Plumber's time.	2 60
O 9690	do.	Vaughans Seed Store.	Seeds.	2 51
O 9691	do.	E. M. Moll.	Oil.	9 04
O 9692	do.	Hall Hardware Co.	General supplies.	1 20
O 9693	do.	B. A. Strauch.	Blue printing.	1 55
O 9694	do.	B. E. Spalding.	Laboratory apparatus.	10 80
O 9695	do.	Twin City Ice & Cold Storage Co.	Ice.	24 00
O 9696	do.	S. E. Huff & Co.	Lime.	14 95
O 9697	do.	Cunningham Brothers.	Chemicals.	6 20
O 9698	do.	John H. Doyle.	General supplies.	1 50
O 9699	do.	D. H. Lloyd.	General supplies.	15 90
O 9700	do.	F. K. Robeson.	do.	37 40
O 9701	do.	Percival & Moorehead.	Night locks.	27 00
O 9702	do.	Chester Horseshoeing Shop.	Horse shoes.	8 50
O 9703	do.	University Press.	Printing.	7 75
O 9704	do.	E. H. Sargent & Co.	Litmus paper.	33 03
O 9705	do.	B. F. Stevenson & Sons.	Flour.	10 50
O 9706	do.	The Burr Co.	Expansion bolts.	4 80
O 9707	do.	John B. Bennett.	Drain tile.	1 95
O 9708	do.	Machinists Supply Co.	Drills.	4 85
O 9709	do.	S. E. Dillavou.	Machine repairs.	2 35
O 9710	do.	Champaign Seed Co.	Seeds.	14 00
O 9711	do.	Twin City Roofing Co.	Repairing gutters.	49 62
O 9712	do.	G. C. Willis.	Bunting.	5 44
O 9713	do.	The Tablet & Ticket Co.	Black letters.	2 5
O 9714	do.	Illinois State Reformatory.	Printing.	75 50
O 9715	do.	National Biscuit Co.	Food supplies.	3 08
O 9716	do.	Champaign Steam Laundry.	Laundry.	137 87
O 9717	do.	G. R. Grubb & Co.	Etchings.	13 75
O 9718	do.	Flanigan-Pearson Co.	Printing.	91 05
O 9719	do.	The Western Electric Co.	Binding posts.	58 18
O 9720	do.	Taylor Hardware Co.	General supplies.	106 61
O 9721	do.	Metzler & Schafer Co.	Food supplies.	43 39
O 9722	do.	Hunter Rourke & Co.	Roofing.	21 17
O 9723	do.	E. A. Eichorst.	Repair work.	8 20
O 9724	do.	Weimer & Schweinsberg.	General supplies.	7 70
O 9725	do.	University Club.	Entertainin' H. F. James.	4 20
O 9726	do.	Swift & Co.	General supplies.	73 50
O 9727	do.	W. Lewis & Co.	Scrim.	1 25
O 9728	do.	C. C. Ferguson.	Horse shoes.	11 00
O 9729	do.	Harris-Dillavou & Co.	Charcoal.	2 67
O 9730	do.	Stipes & Hecker.	Lime.	2 30
O 9731	do.	John W. Spalding.	Horse shoes.	4 00
O 9732	do.	Keuffel & Esser Co.	General supplies.	1 83
O 9733	do.	Woldenberg & Schaer.	Glass jars.	61 80
O 9734	do.	Indian Refining Co.	Gasoline.	9 10
O 9735	do.	Coldwell Lawn Mower Co.	Chain.	3 94
O 9736	do.	M. A. Donohue & Co.	Slatings.	1 55
O 9737	do.	Union Twist Drill Co.	Wire.	12 47
O 9738	do.	Farrar & Quinlan.	Food supplies.	90 03
O 9739	do.	Mrs. F. McKelvey.	Laundry.	4 24
O 9740	do.	Lallenbach Brothers.	Food supplies.	214 20
O 9741	do.	E. W. Sampson.	General supplies.	26 10
O 9742	do.	John McCullough.	Rent.	500 00
O 9743	do.	Illinois Glass Co.	Shell vials.	11 25
O 9744	do.	Hawthorne Farms Co.	Live stock.	60 00

## OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—Continued.

Date.	Date.	To whom.	For what.	Amount.
	1915			
O 9745	June 9	Twin City Printing Co.	Printing.	\$ 20 00
O 9746	do.	Exide Battery Depots.	Bolts.	3 08
O 9747	do.	Fenton Cloud.	Food supplies.	1 75
O 9748	do.	Gilbert Robbins.	Wages, May, 1915	33 81
O 9749	do.	Henry Turner.	do.	47 50
O 9750	June 10	Irving Pitt Mfg. Co.	Office supplies.	1 01
O 9751	do.	Danville Tent & Awning Co.	General supplies.	1 78
O 9752	do.	United States Blue Print Paper Co.	Office supplies.	29 85
O 9753	do.	Joseph Dixon Crucible Co.	Pencils.	7 20
O 9754	do.	P. S. Campbell.	Printing.	6 25
O 9755	do.	Remington Typewriter.	Platen.	1 00
O 9756	do.	Devoe & Reynolds Co.	Office supplies.	12 00
O 9757	do.	White Line Steam Laundry.	Laundry.	90 35
O 9758	do.	John R. Van Kleek.	Traveling expense.	2 37
O 9759	do.	James H. Greene.	do.	25 85
O 9760	do.	A. J. Gunderson.	do.	30 04
O 9761	do.	Frank Turner.	do.	20 08
O 9762	do.	Frank J. Marshall.	do.	57 67
O 9763	do.	Wilhelm Miller.	do.	2 35
O 9764	do.	C. G. Hopkins.	do.	26 12
O 9765	do.	W. F. Handschin.	do.	9 97
O 9766	June 11	Huntley Dairy Co.	Dairy supplies.	4 32
O 9767	do.	Pittsburgh Plate Glass Co.	Glass.	5 15
O 9768	do.	Fulcr-Morrison Co.	General supplies.	51 16
O 9769	do.	C. L. Frame Dental Supply Co.	Dental supplies.	27 55
O 9770	do.	V. Mueller & Co.	General supplies.	44 42
O 9771	do.	Hambin Plumbing Co.	Building material.	15 97
O 9772	do.	Maas Brothers.	General supplies.	7 95
O 9773	do.	Arrens & Schreiner.	do.	18 27
O 9774	do.	Physician's Supply & Drug Co.	Bulb and gloves.	1 20
O 9775	do.	Central Scientific Co.	General supplies.	8 69
O 9776	do.	Harns & Scheuber.	Animal feed.	10 00
O 9777	do.	Swift & Co.	Laboratory supplies.	9 90
O 9778	do.	Demonstrator's Association of Illinois.	General.	88 48
O 9779	do.	Barron Bros. Coal Co.	Animal feed.	1 92
O 9780	do.	Peoples Gas Light & Coke Co.	Gas.	23 52
O 9781	do.	F. G. Hartwell Co.	Coal.	161 54
O 9782	do.	W. H. Salisbury & Co.	Tubing.	3 20
O 9783	do.	The Cudahy Packing Co.	Janitor's supplies.	51 00
O 9784	do.	Neostyle Co.	Office supplies.	3 75
O 9785	do.	The Western Electric Co.	Building supplies.	26 85
O 9786	do.	A. C. Eyseshymer.	Traveling expense.	7 74
O 9787	do.	High School Life.	Advertising.	8 00
O 9788	do.	Parke, Davis & Co.	Chemicals.	12 50
O 9789	do.	Mallory, Mitchell & Faust.	Advertising.	16 50
O 9790	do.	The University Hospital.	Board and room.	143 25
O 9791	do.	Scheidel Western X Ray Co.	Leather belts.	2 13
O 9792	do.	Cameron-Schroth Co.	Foot pedal.	3 60
O 9793	do.	Commonwealth Edison Co.	Meter reading.	106 38
O 9794	do.	Chicago Telephone Co.	Telephone.	35 86
O 9795	do.	Miller Harness Co.	Brief case.	8 50
O 9796	do.	Hunter, Rourke & Co.	Lumber.	9 67
O 9797	do.	Oldham Brothers.	Laboratory supplies.	12 50
O 9798	do.	Taylor Hardware Co.	Building material.	37 48
O 9799	do.	Twin City Roofing Co.	Cooper and repair work.	280 01
O 9800	do.	Champaign Steam Laundry.	Laundry.	3 80
O 9801	do.	Illinois State Reformatory.	Printing.	56 30
O 9802	do.	The University of Illinois Supply Store.	Office supplies.	3 95
O 9803	do.	W. Lewis & Co.	Laboratory apparatus.	3 58
O 9804	do.	Eisner Grocery Co.	Food supplies.	108 61
O 9805	do.	Walker & Mulliken.	Curtains.	1 55
O 9806	do.	S. E. Huff & Co.	Lime.	1 15
O 9807	do.	G. C. Willis.	Towels.	3 00
O 9808	do.	General Chemical Co.	Chemicals.	7 57
O 9809	do.	The Garlock Packing Co.	Gaskets.	19 86
O 9810	do.	Moosier Mfg. Co.	Soap.	7 50
O 9811	do.	Pittsburgh Plate Glass Co.	Glass.	2 75
O 9812	do.	American Radiator Co.	Nipples.	1 78
O 9813	do.	Babeock & Wilcox Co.	Downtake and bolts.	14 50
O 9814	do.	Swartz Electric Shop.	Side brackets.	22 35
O 9815	do.	The Atlas Mills.	Toilet paper.	66 15
O 9816	do.	The Carson-Payson Co.	Ell.	6 56
O 9817	do.	Watson Faulkner.	Gold leaf.	3 00
O 9818	do.	E. M. Moll.	Gasoline.	1 30
O 9819	do.	Independent Pneumatic Tool Co.	Air nose.	12 25
O 9820	do.	Anasco Co.	General supplies.	3 54
O 9821	do.	Henry Bosch Co.	Brush and sponges.	9 51
O 9822	do.	P. S. Campbell.	Printing.	6 50
O 9823	do.	Peck & Hills Furniture Co.	Chairs.	1 18

## OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1915			
O 9824	June 11	R. E. Hieronymus	Traveling expense	\$ 24 45
O 9825	do.	Sharon Coal & Brick Co.	Coal	97 50
O 9826	do.	Electric Coal Co.	do.	535 20
O 9827	do.	Houser & Sutton	Timothy hay	187 88
O 9828	do.	H. W. Blaney	Traveling expense	4 76
O 9829	do.	O. S. Watkins	do.	32 95
O 9830	do.	Weimer & Schweinsberg	Harness repairs	1 35
O 9831	do.	T. P. Smith Wire & Iron Works	Gates	11 20
O 9832	do.	Star & Crescent Milling Co.	Screenings	480 00
O 9833	do.	O. E. Shobe & Co.	Incidentals	4 00
O 9834	do.	Schwietzka Brothers	Sign painting	4 80
O 9835	do.	Royal A. Stipes	Gravel	6 00
O 9836	do.	John Reichard	Shelled corn	836 39
O 9837	do.	A. M. & L. A. Terwilliger	Scrapers	1 75
O 9838	do.	The Burr Co.	Vacuum cleaner	4 50
O 9839	do.	E. A. Eichorst	Harness repair	15 65
O 9840	do.	R. J. Fitzsimons	Autochrom plates	3 60
O 9841	do.	G. Cramer Dry Plate Co.	General supplies	33 48
O 9842	do.	Aphine Mfg. Co.	Engine	4 00
O 9843	do.	Dallenbach Brothers	Lard	1 35
O 9844	do.	John Bennett	Boiler work	118 82
O 9845	do.	L. E. Dallenbach	Egg carriers	1 00
O 9846	do.	G. R. Grubb & Co.	Zinc etchings	2 90
O 9847	do.	Eimer & Amend	Flasks	30 54
O 9848	do.	Twin City Ice & Cold Storage Co.	Ice	24 00
O 9849	June 12	Pay roll	Wages, February 1 to June 30, 1915	683 35
O 9850	do.	do.	do.	517 63
O 9851	do.	L. E. Knorr, Assistant Comptroller	General labor	299 82
O 9852	do.	Ida Luther	Wages, May, 1915	50 00
O 9853	June 13	Dryer & Burt	Yellow corn	46 22
O 9854	do.	W. H. Sachs	Traveling expense	3 80
O 9855	do.	E. VanAlstine	do.	4 00
O 9856	do.	C. C. Logan	do.	23 15
O 9857	do.	H. C. Gilkerson	do.	26 57
O 9858	do.	E. E. Hoskins	do.	16 25
O 9859	do.	W. H. Smith	do.	6 51
O 9860	do.	B. S. Pickett	do.	4 39
O 9861	do.	R. E. Hieronymus	do.	27 56
O 9862	do.	James H. Greene	do.	4 18
O 9863	do.	Chas. H. Rehling	do.	13 17
O 9864	do.	Chas. B. Price	do.	32 79
O 9865	do.	R. H. Hadley	do.	8 60
O 9866	do.	C. G. Cox	do.	18 90
O 9867	do.	C. F. Goodman	do.	67 70
O 9867 1/2	June 15	W. Lewis & Co.	Shades	20 25
O 9868	do.	E. A. Eichorst	Harness	14 35
O 9869	do.	The University Press	Printing	11 00
O 9869	do.	Geo. B. Carpenter & Co.	Rope	103 87
O 9870	do.	Oldham Brothers	Paint	12 00
O 9871	do.	C. C. Ferguson	Horse shoes	25 00
O 9872	do.	Wm. Sim Drug Co.	Films	1 50
O 9873	do.	Hunter, Rourke & Co.	Cypress	13 82
O 9874	do.	Swift & Co.	Blood meal	3 25
O 9875	do.	The W. W. Barnard Co.	Fumigators	1 00
O 9876	do.	F. M. Foltz	Horse shoes	7 00
O 9877	do.	Holstein-Friesian Association	Registration	2 25
O 9878	do.	L. T. Brownfield	Leather belt	3 63
O 9879	do.	Eggleston's Music House	Piano rent	22 00
O 9880	do.	Keuffel & Esser Co.	Tacks	6 11
O 9881	do.	American Jersey Cattle Club	Merit Entry	6 00
O 9882	do.	Central Scientific Co.	Magnifier	3 21
O 9883	do.	The Chester Transfer Co.	Drayage	55 41
O 9884	do.	Champaign Sanitary Milk Co.	Dairy products	5 00
O 9885	do.	R. C. Wagner & Son	Drayage	3 50
O 9886	do.	Ennis Hay Co.	Hay	184 29
O 9887	do.	The Creamery Package Mfg. Co.	Packing	4 15
O 9888	do.	Louis Ely & Co.	Repair work	28 45
O 9889	do.	Blanke Mfg. & Supply Co.	Gear guard	2 75
O 9890	do.	Vaughan's Seed Store	Seeds	2 43
O 9891	do.	Blanke Mfg. & Supply Co.	General supplies	17 85
O 9892	do.	Frank W. Aldrich	Live stock	75 50
O 9893	do.	Pantagraph Printing & Stationery Co.	Printing	337 67
O 9894	do.	Crouse Binds Co.	Electric supplies	53 97
O 9895	do.	United State Blue Print Paper Co.	Office supplies	4 42
O 9896	do.	Miller-Bryant-Pierde Co.	do.	11 76
O 9897	do.	J. Friedenbergl & Co.	Books	10 13
O 9898	do.	The University of Illinois Supply Store	Office supplies	4 67
O 9899	do.	Pay roll	June, 1915	7,435 21
		Allen, W. E.	Salary	\$100 00

## OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
O 9899 Ctd.	1915 June 15	Amos, Winifred.....	Salary.....	\$ 75 00
		Atkinson, C. E.....	do.....	141 66
		Beadles, Jessie R.....	do.....	65 00
		Blackwell, Mary.....	do.....	60 00
		Boice, L. A.....	do.....	125 00
		Bowen, Evalena.....	do.....	65 00
		Briggs, Evelyn L.....	do.....	55 00
		Broadhurst, Tabitha J.....	do.....	75 00
		Brownfield, Lelah.....	do.....	50 00
		Bryan, Sarah E.....	do.....	75 00
		Buckler, Helen I.....	do.....	60 00
		Buckles, Mildred E.....	do.....	65 00
		Burt, Ruth.....	do.....	50 00
		Crawford, C. C.....	do.....	65 00
		Cunningham, H. E.....	do.....	208 32
		Custer, Emma L.....	do.....	75 00
		Dalton, C. E.....	do.....	50 00
		Davis, Vera M.....	do.....	50 00
		Durley, Franc A.....	do.....	50 00
		Fleg, Robert J.....	do.....	50 00
		Flattery, Amanda M.....	do.....	65 00
		Fraser, Viola C.....	do.....	70 00
		Galpin, Stella.....	do.....	70 00
		Garwood, Frances.....	do.....	50 00
		Glenn, Eleanor.....	do.....	50 00
		Goodspeed, W. S.....	do.....	90 00
		Gordon, Marie A.....	do.....	55 00
		Griffith, Mabel F.....	do.....	70 00
		Halliday, Mabel.....	do.....	60 00
		Hamilton, Mrs. Alice V.....	do.....	100 00
		Hayes, James B.....	do.....	95 00
		Hayes, Margaret L.....	do.....	50 00
		Heater, Myrtle.....	do.....	60 00
		Houchens, Josie B.....	do.....	83 33
		Hull, A. H.....	do.....	65 00
		Humrichouse, Katie L.....	do.....	50 00
		Jay, Edith L.....	do.....	50 00
		Johnson, Gerturde.....	do.....	60 00
		Kern, Floy.....	do.....	40 00
		Kirwin, Nora.....	do.....	55 00
		Knapp, Aurella.....	do.....	75 00
		Knorr, Lynn E.....	do.....	150 00
		Lahr, Lawrence D.....	do.....	50 00
		Lamb, Allie.....	do.....	55 00
		Lee, Albert R.....	do.....	100 00
		Leitz, Louise A.....	do.....	40 00
		Love, Mary E.....	do.....	65 00
		Luther, Cornelia M.....	do.....	45 00
		McConn, Charles M.....	do.....	250 00
		McGurty, Agnes.....	do.....	83 33
		McIntire, W. A.....	do.....	50 00
		Manley, Verna.....	do.....	50 00
		Manspeaker, Lotta M.....	do.....	83 33
		Merchant, Donna B.....	do.....	50 00
		Meseck, Rudolph.....	do.....	65 00
		Miles, Lois M.....	do.....	70 00
		Millar, Mary.....	do.....	70 00
		Miller, C. F.....	do.....	90 00
		Morey, Lloyd.....	do.....	125 00
		Morrow, J. A.....	do.....	166 66
		Muhleman, Elizabeth.....	do.....	50 00
		Nagle, Sybil.....	do.....	50 00
		Nyberg, Florence A.....	do.....	50 00
		Peel, Thomas.....	do.....	60 00
		Pergande, Robert.....	do.....	95 00
		Phelps, Vergil V.....	do.....	166 66
		Post, Frederick.....	do.....	75 00
		Postlewait, Harriet L.....	do.....	55 00
		Putnam, Persis.....	do.....	75 00
		Renz, Myrtle.....	do.....	75 00
		Ressler, Milton.....	do.....	80 00
		Ricketts, Clara A.....	do.....	65 00
		Riggs, Bess.....	do.....	45 00
		Robertson, Nellie.....	do.....	70 00
		Rogers, Della M.....	do.....	40 00
		Ross, Anne.....	do.....	50 00
		Scanlan, Mary.....	do.....	60 00
		Scott, Bertha M.....	do.....	50 00

## OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1915			
O 9899	June 15	Sharp, Bertha L.	Salary	\$ 60 00
Cld.		Shaw, Hazel Y.	do	75 00
		Shepard, Anna L.	do	76 92
		Sinnock, Julia	do	60 00
		Slater, Sarah M.	do	60 00
		Smith, Ira M.	do	125 00
		Smith, Mayne L.	do	65 00
		States, Bertha G.	do	50 00
		Steitz, Alfred.	do	100 00
		Stevens, Sabra.	do	75 00
		Stipp, Maude.	do	50 00
		Thompson, M. E.	do	100 00
		Tuttle, George P., Jr.	do	100 00
		Vaubel, Daniel.	do	60 00
		Voight, Lida E.	do	100 00
		Walsh, Ethel M.	do	50 00
		Winchester, B. L.	do	50 00
		Wyninger, H. T.	do	60 00
		Buchanan, Harold C.	do	70 00
		Ellis, E. R.	do	50 00
		Lonius, J. O.	do	90 00
		Vanderbeek, H. J.	do	65 00
O 9900	June 17	Alfred Bergren.	Field work.	\$ 33 80
O 9901	do.	P. W. Kessinger.	do	27 50
O 9902	do.	Harrison-Fahrnkopf.	Traveling expense.	16 67
O 9903	do.	F. W. Wascher.	do	26 30
O 9904	do.	C. A. Hughes.	do	22 12
O 9905	do.	C. C. Logan.	do	24 68
O 9905	do.	H. D. Oberdorfer.	do	7 79
O 9906	do.	Coldwell Lawn Mower Co.	Knives and blades.	23 70
O 9906	do.	Laclede Christy Clay Products Co.	Arch tile.	79 25
O 9907	do.	H. Mueller Mfg. Co.	Air cock.	4 02
O 9907	do.	Reliable Plumbing & Heating Co.	Couplings.	2 87
O 9908	do.	AnSCO Co.	General supplies.	4 13
O 9909	do.	The Harshaw, Fuller & Goodwin Co.	Powdered flint.	1 51
O 9910	do.	C. G. Vernier.	Traveling expense.	23 80
O 9911	do.	O. A. Harker.	do	22 10
O 9912	do.	A. C. Callen.	do	6 50
O 9913	do.	S. O. Andros.	do	5 05
O 9914	do.	Edwin Deal.	do	1 38
O 9915	do.	E. A. Pearson.	do	5 15
O 9916	do.	E. E. Hoskins.	do	15 26
O 9917	do.	H. J. Snider.	do	13 88
O 9918	do.	John Reichard.	Oats.	51 97
O 9919	do.	Stillwater Cold Storage Co.	Storage.	135 33
O 9920	do.	Nitrate Agencies Co.	Nitrate of soda.	5 60
O 9921	do.	Times Printing Co.	Printing.	3 00
O 9922	do.	Fuller-Morrison Co.	Incidentals.	6 90
O 9923	do.	The Bulletin of Pharmacy.	Advertising.	7 50
O 9924	do.	Henry A. Dreer, Inc.	Seeds.	2 76
O 9925	do.	J. C. Gabel.	Repairing tank.	1 94
O 9926	do.	H. La Sell.	General supplies.	3 30
O 9927	do.	Spencer Lens Co.	Flint bottles.	3 00
O 9928	do.	The Harpswell Laboratory.	Contribution to Harpswell Lab.	50 00
O 9929	do.	Chas. G. Willoughby.	Repair work.	3 75
O 9930	do.	Henry E. Tufts.	Labeling.	5 25
O 9931	do.	Review Publishing Co.	Casting mats.	3 00
O 9932	do.	Hess Warming & Ventilating Co.	Laboratory apparatus.	39 90
O 9933	do.	Southern Illinois Lumber Co.	Lumber.	10 75
O 9934	do.	United States Blue Print Paper Co.	General supplies.	19 50
O 9935	do.	C. H. Stoelting Co.	Lantern slides.	2 10
O 9936	do.	J. H. Finch.	Services.	8 00
O 9937	do.	General Electric Co.	Carbons.	3 00
O 9938	do.	Robert Adams.	Traveling expense.	1 90
O 9939	do.	L. E. Knorr, Assistant Comptroller.	General labor.	227 46
O 9940	do.	L. E. Knorr, Assistant Comptroller.	Student labor.	214 84
O 9941	do.	L. E. Knorr, Assistant Comptroller.	do	358 13
O 9942	do.	Pay roll.	June, 1915.	4,845 72
		Ecyeshymer, A. C.	Salary	\$416 66
		Jones, T. S.	do	83 33
		Moodie, R. L.	do	125 00
		Small, J. C.	do	50 00
		Welker, W. H.	do	229 16
		Dryer, G. P.	do	374 99
		Boello, Louis.	do	80 00
		Smith, C. S.	do	166 66
		Tracy, Grover.	do	83 33
		Woefel, Albert.	do	200 00

## OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
O 9942	1915 June 17 Cld.	Kramer, Morris.....	Salary.....	\$ 55 00
		Krudwig, Edna.....	do.....	40 00
		Bach, E. G.....	do.....	50 00
		Burmeister, W. H.....	do.....	166 66
		Boughton, T. H.....	do.....	150 00
		Curl, Howard.....	do.....	50 00
		Davis, D. J.....	do.....	416 66
		Falls, F. H.....	do.....	83 33
		Fantus, Bernard.....	do.....	166 66
		Gardner, Stella.....	do.....	83 33
		Gaffney, C. O.....	do.....	70 00
		Lincoln, Mary C.....	do.....	50 00
		Moore, J. J.....	do.....	150 00
		Weedon, Amy J.....	do.....	60 00
		Shackles, A. O.....	do.....	166 66
		Simonds, W. E.....	do.....	50 00
		Wiskey, George N.....	do.....	45 00
		Bake, L. E.....	do.....	66 66
		Bernard, F. S.....	do.....	25 00
		Coolidge, E. D.....	do.....	83 33
		Dittmar, G. W.....	do.....	83 33
		Gallie, D. M.....	do.....	83 33
		Kaplan, J. H.....	do.....	100 00
		McGuire, J. C.....	do.....	150 00
		Moorehead, F. B.....	do.....	249 99
		Noyes, F. B.....	do.....	125 00
		Schulz, Louis.....	do.....	33 33
		Starr, S. P.....	do.....	66 66
		Thomas, N. G.....	do.....	50 00
		Williams, I. W.....	do.....	66 66
O 9943	do.....	Pay roll.....	June, 1915.....	\$1,418 33
		Allen, Mrs. Josephine.....	Salary.....	\$55 00
		Arneson, Mable L.....	do.....	75 00
		Brodav, Esther.....	do.....	50 00
		Browne, W. H.....	do.....	250 00
		Cole, H. W.....	do.....	100 00
		David, Eshoo.....	do.....	55 00
		David, Paul.....	do.....	60 00
		Fletcher, Edward C.....	do.....	100 00
		Froberg, E.....	do.....	75 00
		Gubbins, Maud.....	do.....	60 00
		Heerman, Louise B.....	do.....	60 00
		Hoy, Anna.....	do.....	60 00
		Loomis, Metta H.....	do.....	83 33
		McQuigg, Mrs. Kate F. M.....	do.....	50 00
		Seaberg, Elin M.....	do.....	60 00
		Tomek, Gertrude.....	do.....	60 00
		Tomlinson, J. S.....	do.....	125 00
		Watson, Ethel.....	do.....	50 00
		Moorehead, Mary M.....	do.....	40 00
O 9944	do.....	Jno. Vallentyne.....	Postage.....	50 00
O 9945	do.....	Knowlton & Bennett.....	Soap.....	4 50
O 9946	do.....	Weston Electrical Instrument Co.....	Repairing motor.....	7 10
O 9947	do.....	Wilson-Maculen Co.....	Laboratory supplies.....	18 55
O 9948	do.....	Sears, Roebuck & Co.....	Iron bars.....	24 52
O 9949	do.....	Caxton School Supply Co.....	Rubber.....	1 63
O 9950	do.....	Hetherington & Berner.....	Bolts.....	1 00
O 9951	do.....	Twin City Printing Co.....	Printing.....	2 35
O 9952	do.....	E. P. Reichhelm & Co.....	Die sinkers.....	1 60
O 9953	do.....	Dodge Sales & Engineering Co.....	Wood pulleys.....	2 25
O 9954	do.....	Thordarson Electric Mfg. Co.....	Electrical supplies.....	9 80
O 9955	do.....	Jones & Laughlin Steel Co.....	Steel.....	2 82
O 9956	do.....	American Institute of Mining Engineers.....	Printing.....	1 75
O 9957	do.....	Quality Grocery & Market.....	Food supplies.....	5 48
O 9958	do.....	Hunter, Rourke & Co.....	Angle irons.....	6 00
O 9959	do.....	T. J. Colvin.....	Laboratory supplies.....	4 15
O 9960	do.....	Slack & Bloom.....	do.....	3 44
O 9961	do.....	Harvard College Library.....	Catalog cards.....	22 35
O 9962	do.....	Fahnestock Electric Co.....	Connectors.....	1 26
O 9963	do.....	The L. S. Starrett Co.....	General supplies.....	6 42
O 9964	do.....	Geo. B. Carpenter & Co.....	Awings.....	12 50
O 9965	do.....	Thordarson Electric Co.....	Electrical supplies.....	1 07
O 9966	do.....	Buffalo Dental Mfg. Co.....	Blow pipes.....	4 00
O 9967	do.....	Baker & Co.....	Platinum wire.....	65 79
O 9968	do.....	The Western Electric Co.....	Voltage change.....	22 67
O 9969	do.....	W. W. Walls & Co.....	Cypress.....	21 50



## OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1915			
O 9970	June 17	R. H. Wilcox.....	Traveling expense.....	\$ 15 30
O 9971	do.	W. H. Smith.....	do.....	13 86
O 9972	do.	Chicago Telephone Co.	Telephone.....	11 42
O 9973	do.	F. W. Daebl.....	Traveling expense.....	94 33
O 9974	do.	N. W. Hepburn.....	do.....	8 59
O 9975	do.	Machinist Supply Co.	Electrical supplies.....	12 88
O 9976	do.	H. W. Blaney.....	Traveling expense.....	8 97
O 9977	do.	Frederick Green.....	do.....	17 14
O 9978	do.	G. W. Sheldon & Co.	Freight.....	26 20
O 9979	do.	G. R. Grubb & Co.	Printing.....	67 65
O 9980	do.	Central Electric Co.	Electrical supplies.....	28 50
O 9981	do.	Geo. Murphy.....	Office supplies.....	15 02
O 9982	do.	Oldham Brothers.....	Chemicals.....	13 25
O 9983	do.	C. H. Besly & Co.	General supplies.....	86 27
O 9984	do.	Taylor Hardware Co.	do.....	54 49
O 9985	do.	Wilhelm Miller.....	Traveling expense.....	3 85
O 9986	do.	W. A. Ruth.....	do.....	22 23
O 9987	do.	M. E. Jahr.....	do.....	17 94
O 9988	do.	J. T. Newsome.....	do.....	21 00
O 9989	do.	Harrison Fahrnkopf.....	do.....	48 81
O 9990	do.	H. C. Gilkerson.....	do.....	77 24
O 9991	do.	J. G. Mosier.....	do.....	31 19
O 9992	do.	Charles A. Campbell.....	do.....	36 18
O 9993	do.	A. F. Gustafson.....	do.....	12 37
O 9994	do.	Ward H. Sachs.....	do.....	18 52
O 9995	do.	Fred J. Blackburn.....	do.....	30 93
O 9996	do.	N. B. Garver.....	do.....	4 52
O 9997	do.	A. B. McDaniel.....	do.....	2 70
O 9998	do.	Parke, Davis & Co.	Medical supplies.....	3 33
O 9999	do.	H. Channon.....	Castors.....	11 00
O 10000	do.	O. M. Allyn.....	Traveling expense.....	37 86
O 10001	do.	M. W. Jean.....	do.....	12 72
O 10002	do.	W. T. Crandall.....	do.....	20 75
O 10003	do.	H. C. Wheeler.....	do.....	40 56
O 10004	do.	R. W. Dickenson.....	do.....	54 01
O 10005	do.	J. E. Whitchurch.....	do.....	38 32
O 10006	do.	J. T. Newsome.....	do.....	21 00
O 10007	do.	H. P. Rusk.....	do.....	6 28
O 10008	do.	Fred Fine.....	do.....	6 28
O 10009	do.	J. G. Mosier.....	do.....	4 83
O 10010	do.	A. F. Gustafson.....	do.....	26 55
O 10011	do.	F. A. Fisher.....	do.....	27 39
O 10012	do.	F. W. Wascher.....	do.....	21 63
O 10013	do.	S. V. Holt.....	do.....	26 12
O 10014	do.	Geo. B. Carpenter.....	Wire rope.....	4 97
O 10015	do.	General Chemical Co.	Epsom salts.....	30 30
O 10016	do.	A. F. Gustafson.....	Traveling expense.....	17 07
O 10017	do.	F. W. Garrett.....	do.....	23 11
O 10018	do.	Fred Falk.....	Field work.....	29 76
O 10019	do.	Baker-Vawter Co.	Binders and index.....	8 42
O 10020	do.	A. C. McClurg & Co.	Office supplies.....	12 39
O 10021	do.	C. H. Johnston.....	Traveling expense.....	12 79
O 10022	do.	C. H. Besley & Co.	Brass rods.....	49 10
O 10023	do.	White Line Laundry.....	Laundry.....	27 36
O 10024	do.	The Harshaw, Fuller & Goodwin Co.	Bichromate soda.....	49 86
O 10025	do.	Hills-McCanna Co.	General supplies.....	6 55
O 10026	do.	Thos. Conron Hardware Co.	Building material.....	13 70
O 10027	do.	Cameron-Schroth Co.	Hose.....	26 46
O 10028	do.	Green Engineering Co.	Pipes.....	39 88
O 10029	do.	C. J. elch.....	Labor and material.....	8 10
O 10030	do.	The Caldwell Co.	Mazda lamps.....	93 93
O 10031	do.	L. T. Brownfield.....	Bolts and castings.....	28 35
O 10032	do.	The Public School Publishing Co.	Printing.....	6 25
O 10033	do.	H. C. heeler.....	Traveling expense.....	30 10
O 10034	do.	J. G. Oldham.....	Lumber.....	11 70
O 10035	do.	Indianapolis Paint & Color Co.	Paint.....	58 65
O 10036	do.	Butler Brothers.....	General supplies.....	8 50
O 10037	do.	J. L. Fidler Motor Co.	Gears.....	7 66
O 10038	do.	American Linseed Co.	Linseed oil.....	31 94
O 10039	do.	The arren Brush Co.	Floor brush.....	2 94
O 10040	do.	R. W. Dickenson.....	Traveling expense.....	36 69
O 10041	do.	The Public School Publishing Co.	Advertising.....	40 00
O 10042	do.	L. E. Knorr, Assistant Comptroller.	Student labor.....	384 55
O 10043	do.	L. E. Knorr, Assistant Comptroller.	General labor.....	680 56
O 10044	June 22	W. W. Miller.....	Wages, June, 1915.....	75 00
O 10045	do.	R. M. Ross.....	do.....	80 00
O 10046	do.	Sadie Jones.....	do.....	50 00
O 10047	do.	A. J. Mickerson.....	do.....	60 00
O 10048	do.	C. F. Harding.....	do.....	100 00

## OPERATION, MAINTENANCE AND EQUIPMENT VOUCHERS—Concluded.

No.	Date.	To whom.	For what.	Amount.
	1915			
O 10049	June 22	Mabelle G. Marshall	Wages, June, 1915	\$ 50 00
O 10050	.do.	Lavina Dille	.do.	60 00
O 10051	.do.	J. E. Morgan	.do.	15 00
O 10052	.do.	Mrs. Lizzie Shue	.do.	40 00
O 10053	.do.	Mrs. May Kramer	.do.	45 00
O 10054	.do.	Etta Hensel	.do.	45 00
O 10055	.do.	Mrs. A. D. Horn	.do.	35 00
O 10056	June 23	Ahrens & Schreiner	Foodstuffs	6 00
O 10057	.do.	V. Mueller & Co.	General supplies	19 75
O 10058	.do.	Rounds-Freeman Co.	Printing	30 25
O 10059	.do.	Marshall Field & Co.	Shades	2 50
O 10060	.do.	Jahn & Oliver Engraving Co.	Pictures	7 25
O 10061	.do.	The University Hospital	Board and room	157 50
O 10062	.do.	Western Lumber Co.	Cypress	4 30
O 10063	.do.	Underwood Typewriter Co.	Cylinder	2 00
O 10064	.do.	B. F. Ridley	Cement	1 70
O 10065	.do.	Abbott & Co.	Draw blocks	1 92
O 10066	.do.	Jos Walsh	Cinders	7 00
O 10067	.do.	Barron Bros. Coal Co.	Hay	1 12
O 10068	.do.	H. W. Johns-Manville Co.	Square flax	6 20
O 10069	.do.	Illinois Malleable Iron Co.	Pipes and ells	7 02
O 10070	.do.	Hygienic Fibre Co.	Gauze	65 00
O 10071	.do.	Bradner, Smith & Co.	Office supplies	12 90
O 10072	.do.	Kasen's Express & Van Co.	Drayage	22 32
O 10073	.do.	Arthur Ochs	Guinea pigs	21 00
O 10074	.do.	Huntley Dairy Co.	Dairy products	1 25
O 10075	.do.	L. E. Knorr, Assistant Comptroller	General labor	413 54
O 10076	June 30	General Electric Co.	Electrical supplies	1 13
O 10077	.do.	Hazel Clemence	Wages, June, 1915	65 00
O 10078	.do.	Alice Probst	.do.	50 00
O 10079	.do.	Mary B. McMillen	.do.	60 00
O 10080	.do.	Alice Reed	.do.	60 00
O 10081	.do.	Ora B. Castle	.do.	50 00

## III. MECHANICS' AND MINERS' INSTITUTE VOUCHERS.

	1914			
MM 1	July 2	General Electric Co.	Laboratory apparatus	\$ 95 00
MM 2	.do.	E. C. Lee	Traveling expense	33 13
MM 3	July 3	H. D. Easton	.do.	20 30
MM 4	.do.	Pay roll	June, 1914	87 50
MM 5	July 10	Flanigan-Pearson Co.	Publications	40 00
MM 6	July 6	O. E. Staples, Bursar	Bills paid	34 30
MM 7	July 15	W. L. Morgan	Traveling expense	20 00
MM 8	July 17	H. G. Schmidt	Lecture	958 33
MM 9	.do.	Pay roll	July, 1914	50 00
MM 10	July 17	Pay roll	.do.	1 12
MM 11	July 21	C. C. & St. L. Ry. Co.	Freight	1 11
MM 12	.do.	The Wabash R. R.	.do.	49 68
MM 13	July 22	General Electric Co.	Laboratory apparatus	7 03
MM 14	July 29	Receivers, Central Union Telephone Co.	Exchange service	42 11
MM 15	.do.	H. E. Smith	Traveling expense	25 20
MM 16	Aug. 6	E. C. Lee	.do.	22 50
MM 17	.do.	Homer Heath	Lectures	27 45
MM 18	.do.	H. D. Easton	Traveling expense	47 76
MM 19	.do.	Peter Roberts	.do.	3 40
MM 20	.do.	O. E. Staples, Bursar	Student labor	3 20
MM 21	.do.	O. E. Staples, Bursar	.do.	34 50
MM 22	Aug. 7	Joseph F. McCoy Co.	Laboratory apparatus	29 25
MM 23	.do.	Association Press	General supplies	145 00
MM 24	.do.	General Electric Co.	Laboratory apparatus	23 67
MM 25	.do.	W. L. Morgan	Traveling expense	22 50
MM 26	.do.	Homer Heath	Expense service	22 50
MM 27	.do.	A. E. Arendt	.do.	50 00
MM 28	Aug. 11	Pay roll	August, 1914	958 33
MM 29	.do.	Zipprodt, Ella	Salary	\$175 00
		Pay roll	August, 1914	150 00
		Easton, H. D.	.do.	150 00
		Morgan, W. L.	.do.	333 33
		Smith, H. E.	.do.	150 00
		Williams, R. Y.	.do.	150 00
		Lee, E. C.	.do.	12 00
MM 30	.do.	R. Y. Williams	Traveling expense	1 75
MM 31	Aug. 12	Peck & Hills Furniture Co.	Furniture repairs	

## MECHANICS' AND MINERS' INSTITUTE VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
1914				
MM 32	Aug. 13	H. D. Easton.	Traveling expense.	\$ 8 95
MM 33	..do...	O. E. Staples, Bursar.	Student labor.	1 50
MM 34	Aug. 20	H. D. Burton.	Traveling expense.	8 90
MM 35	Aug. 27	Peck & Hills Furniture Co.	Furniture.	7 00
MM 36	..do...	H. D. Easton.	Traveling expense.	11 29
MM 37	..do...	Y. R. Williams.	..do.	7 29
MM 38	Aug. 31	A. C. McClurg & Co.	Books.	25 00
MM 39	..do...	John Wiley & Sons, Inc.	Gases.	17 29
MM 40	Sept. 2	E. C. Lee.	Traveling expense.	12 75
MM 41	..do...	H. D. Easton.	..do.	25 95
MM 42	Sept. 3	Longmans, Green & Co.	Books.	10 08
MM 43	..do...	D. Van Nostrand Co.	..do.	7 36
MM 44	Sept. 12	W. L. Morgan.	Traveling expense.	17 19
MM 45	..do...	Homer Heath.	Lectures and recitals.	22 50
MM 46	..do...	General Electric Co.	Furniture and fixtures.	90 65
MM 47	..do...	McGraw-Hill Book Co., Inc.	Books.	86 07
MM 48	..do...	Mine Safety Appliances Co.	Laboratory apparatus.	12 50
MM 49	..do...	O. E. Staples, Bursar.	Express bills.	1 87
MM 50	..do...	O. E. Staples, Bursar.	Student labor.	14 80
MM 51	Sept. 16	Pay roll.	September, 1914.	50 00
		Zipprott, Ella S.	Salary.	\$50 00
MM 52	..do...	Pay roll.	September, 1914.	958 33
MM 53	Sept. 22	A. C. McClurg & Co.	Books.	41 58
MM 54	..do...	Technical Supply Co.	..do.	14 00
MM 55	..do...	H. H. Stock.	Traveling expense.	49 21
MM 56	Sept. 28	R. Y. Williams.	..do.	8 45
MM 57	..do...	George E. Frazer.	Office supplies.	12 15
MM 58	..do...	W. W. Perkins.	Rentals.	12 50
MM 59	..do...	H. H. Stock.	Traveling expense.	11 09
MM 60	..do...	M. E. Case.	Services.	50 00
MM 61	..do...	D. H. Lloyd.	Furniture and fixtures.	76 56
MM 62	..do...	Flanigan-Pearson Co.	Printing.	27 07
MM 63	..do...	Mine Safety Appliances Co.	Laboratory apparatus.	64 15
MM 64	..do...	Homer Heath.	Lectures.	20 00
MM 65	..do...	H. E. Smith.	Traveling expense.	27 02
MM 66	Sept. 30	George E. Frazer.	Office supplies.	16 73
MM 67	..do...	Central Union Telephone Co.	Telephone.	55
MM 68	..do...	H. E. Smith.	Traveling expense.	11 10
MM 69	..do...	University of Illinois Supply Store.	Books.	73 35
MM 70	..do...	H. D. Easton.	Traveling expense.	13 74
MM 71	..do...	E. C. Lee.	..do.	60 05
MM 72	..do...	W. L. Morgan.	..do.	30 50
MM 73	..do...	International Textbook Co.	Books.	140 00
MM 74	..do...	B. A. Strauch.	Blue printing.	24 40
MM 75	..do...	C. A. Klier.	Furniture and fixtures.	57 50
MM 76	..do...	Peck & Hill.	..do.	42 63
MM 77	..do...	The Colliery Engineer.	General supplies.	5 00
MM 78	..do...	McGraw Hill Book Co.	Books.	32 26
MM 79	..do...	O. E. Staples, Bursar.	Express bills.	2 77
MM 80	Oct. 7	O. E. Staples, Bursar.	..do.	9 92
MM 81	..do...	Peck & Hill's Furniture Co.	Furniture and fixtures.	27 38
MM 82	..do...	Weston Electrical Instrument Co.	Machinery.	153 80
MM 83	..do...	International Text book Co.	Books.	35 00
MM 84	Oct. 15	Pay roll.	October, 1914.	958 33
		Easton, H. D.	Salary.	\$175 00
		Morgan, W. L.	..do.	150 00
		Smith, H. E.	..do.	150 00
		Williams, R. Y.	..do.	333 33
		Lee, Edward C.	..do.	150 00
MM 85	..do...	Pay roll.	October, 1914.	50 00
		Zipprott, Ella S.	Salary.	\$50 00
MM 86	Oct. 20	O. E. Staples, Bursar, Dr.	Express.	1 47
MM 87	Nov. 11	O. E. Staples, Bursar.	Freight bills.	1 20
MM 88	Nov. 13	Pay roll.	November, 1914.	958 33
		Easton, H. D.	Salary.	\$175 00
		Morgan, W. L.	..do.	150 00
		Smith, H. E.	..do.	150 00
		Williams, R. Y.	..do.	333 33
		Lee, Edward C.	..do.	150 00
MM 89	..do...	Pay roll.	November, 1914.	50 00
		Zipprott, Ella.	Salary.	\$50 00
MM 90	Nov. 25	O. E. Staples, Bursar.	Student labor.	1 80
MM 91	..do...	H. E. Smith.	Traveling expense.	111 87
MM 92	..do...	Geo. E. Frazer.	Postage.	100 00
MM 93	Dec. 3	Pay roll.	December, 1914.	50 00
		Zipprott, Ella S.	Salary.	\$50 00
MM 94	Dec. 4	S. L. Kell.	Services.	20 00
MM 95	..do...	Homer Heath.	Traveling expense.	10 00
MM 96	..do...	E. C. Lee.	..do.	51 16

## MECHANICS' AND MINERS' INSTITUTE VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1914			
MM 97	Dec. 24	Clarence Bonnell	Services	\$ 22 50
MM 98	..do..	H. O. McGrue	Tables	24 50
MM 99	..do..	Geo. E. Frazer	Building repairs	8 23
MM 100	..do..	Pay roll	December, 1914	958 33
		Easton, H. D.	Salary	\$175 00
		Morgan, W. L.	..do..	150 00
		Smith, H. E.	..do..	150 00
		Williams, R. Y.	..do..	333 33
		Lee, Edward C.	..do..	150 00
MM 101	Dec. 8	W. L. Morgan	Traveling expense	27 40
MM 102	Dec. 11	Capitol Engraving Co.	Etchings	16 77
MM 103	Dec. 16	Martin Bolt	Services	50 00
MM 104	..do..	H. D. Easton	Traveling expense	13 61
MM 105	..do..	R. Y. Williams	..do..	12 15
MM 106	Dec. 19	H. E. Smith	..do..	82 27
MM 107	..do..	The Colliery Engineer	Subscriptions	5 00
MM 108	Dec. 23	Central Union Telephone Co.	Toll	3 39
MM 109	..do..	Hall & McCreary	General supplies	1 48
MM 110	Dec. 31	M. E. Case	Expert services	50 00
MM 111	..do..	George E. Frazer, Comptroller	General supplies	11 01
MM 112	..do..	E. C. Lee	Traveling expense	44 40
MM 113	..do..	H. E. Smith	..do..	34 55
MM 114	..do..	Capitol Engraving Co.	Publications	4 50
	1915			
MM 115	Jan. 5	H. D. Easton	Traveling expense	12 91
MM 116	..do..	R. Y. Williams	..do..	8 59
MM 117	Jan. 13	Pay roll	January, 1915	50 00
		Zippodt, Ella	Salary	\$50 00
MM 118	..do..	Pay roll	January, 1915	958 33
		Easton, H. D.	Salary	\$175 00
		Morgan, W. L.	..do..	150 00
		Smith, H. E.	..do..	150 00
		Williams, R. Y.	..do..	333 33
		Lee, Edward C.	..do..	150 00
MM 119	Jan. 15	H. G. Schmidt	Services	15 00
MM 120	..do..	H. D. Easton	Traveling expense	4 25
MM 121	Jan. 16	John Wiley & Sons	Books	3 20
MM 122	..do..	Weis Mfg. Co.	Filing cabinet	16 92
MM 123	..do..	W. L. Morgan	Traveling expense	24 20
MM 124	..do..	R. Y. Williams	..do..	17 96
MM 125	..do..	Homer Heath	Services	7 50
MM 126	..do..	Clarence Bonnell	..do..	17 50
MM 127	Jan. 20	Martin Bolt	..do..	50 00
MM 128	..do..	Flanigan-Pearson Co.	Publications	268 43
MM 129	..do..	H. D. Easton	Traveling expense	11 75
MM 130	..do..	H. E. Smith	..do..	53 10
MM 131	..do..	H. H. Stoek	..do..	8 70
MM 132	Jan. 23	E. C. Lee	..do..	36 03
MM 133	..do..	Illinois Traction System	Freight	2 95
MM 134	Jan. 27	Central Union Telephone Co.	Telephone and telegraph	9 55
MM 135	..do..	M. E. Case, Secretary and Treasurer		
		Safety First Mine Inspection Bureau	Expert services	50 00
MM 136	Jan. 29	R. Y. Williams	Traveling expense	21 20
MM 137	..do..	Hall & McCreary	General supplies	28 92
MM 138	Feb. 8	Ivan A. Palmer	Services	17 50
MM 139	..do..	Homer L. Heath	..do..	7 50
MM 140	..do..	Martin Bolt	..do..	40 00
MM 141	..do..	Clarence Bonnell	..do..	30 00
MM 142	..do..	S. L. Kell	..do..	20 00
MM 143	..do..	C. A. Chatten	..do..	5 00
MM 144	..do..	H. D. Easton	Traveling expense	26 45
MM 145	..do..	E. C. Lee	..do..	42 50
MM 146	..do..	W. L. Morgan	..do..	28 85
MM 147	..do..	H. E. Smith	..do..	47 99
MM 148	..do..	Hall & McCreary	General supplies	4 98
MM 149	..do..	Illinois Traction System	Freight	5 70
MM 150	Feb. 11	L. E. Knorr, Assistant Comptroller	Express bills	3 19
MM 151	Feb. 15	Pay roll	February, 1915	958 33
		Easton, H. D.	Salary	\$175 00
		Morgan, W. L.	..do..	150 00
		Smith, H. E.	..do..	150 00
		Williams, R. Y.	..do..	333 33
		Lee, Edward C.	..do..	150 00
MM 152	..do..	Pay roll	February, 1915	50 00
		Zippodt, Ella S.	Salary	\$50 00
MM 153	Feb. 22	Mine Safety Appliances Co.	Building apparatus	3 33
MM 154	Feb. 24	R. Y. Williams	Traveling expense	50 11
MM 155	..do..	Illinois Traction System	Freight	16 08

## MECHANICS' AND MINERS' INSTITUTE VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
1915				
MM 156	Feb. 24	Central Union Telephone Co.	Toll.	\$ 1 50
MM 157	Feb. 25	R. Y. Williams.	Traveling expense.	23 43
MM 158	..do..	H. E. Smith.	..do.	80 84
MM 159	..do..	H. D. Easton.	..do.	18 00
MM 160	Feb. 26	Hill Publishing Co.	Books.	1 00
MM 161	..do..	Weston Electrical Instrument Co.	Electric supplies.	20 83
MM 162	..do..	International Textbook Co.	Books.	2 51
MM 163	..do..	John Wiley & Sons.	Electric supplies.	36 09
MM 164	..do..	Central Scientific Co.	..do.	4 33
MM 165	..do..	Hall & McCreary.	Books.	2 50
MM 166	Feb. 27	M. E. Case.	Services.	50 00
MM 167	Mar. 5	Martin Bolt.	Services.	40 00
MM 168	..do..	H. F. Schneider.	Lectures.	10 00
MM 169	..do..	C. A. Chatten.	Services.	10 00
MM 170	..do..	Ivan A. Palmer.	..do.	2 50
MM 171	..do..	Homer L. Heath.	..do.	12 50
MM 172	..do..	S. L. Kell.	Lectures, two.	20 00
MM 173	..do..	Clarence Bonnell.	..do.	25 00
MM 174	..do..	H. D. Easton.	Traveling expense.	12 95
MM 175	..do..	E. C. Lee.	..do.	44 08
MM 176	Mar. 8	W. L. Morgan.	..do.	56 11
MM 177	..do..	H. C. Schmidt.	Lectures.	20 00
MM 178	Mar. 11	L. E. Knorr, Acting Comptroller.	Express bills.	6 04
MM 179	Mar. 12	Pay roll.	March, 1915.	50 00
MM 180	..do..	Zippodt, Ella S.	Salary.	\$ 50 00
		Pay roll.	March, 1915.	958 33
		Easton, H. D.	Salary.	\$175 00
		Morgan, W. L.	..do.	150 00
		Smith, H. E.	..do.	150 00
		Williams, R. Y.	..do.	333 33
		Lee, Edward C.	..do.	150 00
MM 181	Mar. 18	Pantagraph Printing & Stationery Co.	Printing.	222 25
MM 182	..do..	James Wolfsohn.	Books.	14 00
MM 183	..do..	H. D. Easton.	Traveling expense.	9 25
MM 184	..do..	R. Y. Williams.	..do.	25 82
MM 185	..do..	Central Electric Co.	Electrical supplies.	4 96
MM 186	Mar. 19	Hall & McCreary.	Books.	7 37
MM 187	..do..	Theo. Audel & Co.	..do.	12 00
MM 188	Mar. 23	L. E. Knorr, Acting Comptroller.	Express bills.	1 81
MM 189	Mar. 26	Western Union Telegraph Co.	Telegraph.	5 76
MM 190	..do..	Mine Safety Appliances Co.	Laboratory supplies.	16 00
MM 191	..do..	Central Scientific Co.	Laboratory apparatus.	5 59
MM 192	..do..	Philip S. Biegler.	Traveling expense.	15 79
MM 193	..do..	Central Union Telephone Co.	Telephone.	21 11
MM 194	..do..	H. E. Smith.	Traveling expense.	116 97
MM 195	Mar. 29	University of Illinois.	Office supplies.	56 76
MM 196	..do..	H. F. Schneider.	Lecture.	4 85
MM 197	Apr. 6	R. Y. Williams.	Traveling expense.	19 99
MM 198	..do..	M. E. Case.	..do.	50 00
MM 199	..do..	E. D. Easton.	..do.	15 61
MM 200	Apr. 8	L. E. Knorr, Acting Comptroller.	Express bills.	2 10
MM 201	..do..	E. C. Lee.	Traveling expense.	85 70
MM 202	..do..	W. L. Morgan.	..do.	34 20
MM 203	..do..	Martin Bolt.	Services.	50 00
MM 204	..do..	D. E. Harvey.	..do.	12 50
MM 205	..do..	Clarence Bonnell.	..do.	25 00
MM 206	..do..	Homer L. Heath.	..do.	10 00
MM 207	..do..	S. L. Kell.	..do.	22 50
MM 208	..do..	C. A. Hughes.	..do.	10 00
MM 209	..do..	Ivan A. Palmer.	..do.	5 00
MM 210	..do..	Hall & McCreary.	Books.	2 58
MM 211	Apr. 11	Pay roll.	April, 1915.	50 00
		Zippodt, Ella S.	Salary.	\$50 00
MM 212	..do..	Pay roll.	April, 1915.	958 33
		Easton, H. D.	Salary.	\$175 00
		Morgan, W. L.	..do.	150 00
		Smith, H. E.	..do.	150 00
		Williams, R. Y.	..do.	333 33
		Lee, Edward C.	..do.	150 00
		MM 213	..do..	G. R. Grubb & Co.
MM 214	..do..	H. E. Smith.	Traveling expense.	54 06
MM 215	Apr. 16	I. A. Palmer.	..do.	6 41
MM 216	Apr. 17	McGraw-Hill Book Co.	Books.	152 13
MM 217	Apr. 26	L. E. Knorr, Acting Comptroller.	Express bills.	2 27
MM 218	Apr. 29	Pantagraph Printing & Stationery Co.	Publications.	216 70
MM 219	..do..	Western Union Telegraph Co.	Telephone.	1 97
MM 220	..do..	M. E. Case.	Services.	50 00
MM 221	..do..	W. D. Easton.	Traveling expense.	16 32

## MECHANICS' AND MINERS' INSTITUTE VOUCHERS—Concluded.

No.	Date.	To whom.	For what.	Amount.
1915				
MM 222	Apr. 29	H. E. Smith	Traveling expense	\$ 91 62
MM 223	Apr. 30	Central Union Telephone Co.	Telegraph and telephone	9 00
MM 224	May 7	W. L. Morgan	Traveling expense	29 40
MM 225	..do..	E. C. Lee	..do..	53 74
MM 226	..do..	R. Y. Williams	..do..	9 10
MM 227	May 7	L. E. Knorr, Assistant Comptroller	Student labor	10 45
MM 228	May 12	Flanigan-Pearson Co.	Printing	16 50
MM 229	..do..	G. R. Grubb & Co.	Half tones	7 50
MM 230	..do..	H. D. Easton	Traveling expense	11 70
MM 231	..do..	H. G. Schmidt	Services	22 50
MM 232	..do..	Clarence Bonnell	..do..	17 50
MM 233	..do..	D. B. Harvey	..do..	10 00
MM 234	..do..	Martin Bolt	..do..	40 00
MM 235	..do..	C. A. Chatten	..do..	7 50
MM 236	..do..	Homer J. Heath	..do..	12 50
MM 237	..do..	James Towal	..do..	2 50
MM 238	..do..	S. L. Kell	..do..	17 50
MM 239	May 13	Pay roll	May, 1915	958 33
		Easton, H. D.	Salary	\$175 00
		Morgan, W. L.	..do..	150 00
		Smith, H. E.	..do..	150 00
		Williams, R. Y.	..do..	333 33
		Lee, Edward C.	..do..	150 00
MM 240	..do..	Pay roll	May, 1915	50 00
		Zipprott, Ella S.	Salary	\$50 00
MM 241	May 17	The Burr Co.	Pony brakes	14 30
MM 242	May 22	H. D. Easton	Traveling expense	11 00
MM 243	..do..	R. Y. Williams	..do..	52 38
MM 244	..do..	S. L. Kell	Services	10 00
MM 245	..do..	C. A. Chatten	..do..	5 00
MM 246	..do..	Clarence Bonnell	..do..	7 50
MM 247	..do..	M. E. Case	..do..	50 00
MM 248	..do..	Homer L. Heath	..do..	2 50
MM 249	..do..	D. B. Harvey	..do..	5 00
MM 250	..do..	E. C. Lee	Traveling expenses	31 73
MM 251	May 27	Philip S. Biegler	..do..	17 61
MM 252	..do..	H. E. Smith	..do..	111 89
MM 253*	..do..	M. C. Sjöblom	..do..	31 52
MM 254	May 29	Central Union Telephone Co.	Telephone and telegraph	7 43
MM 255	May 31	University of Illinois	Material furnished from the University of Illinois storeroom	35 00
MM 256	June 7	L. E. Knorr, Assistant Comptroller	Student labor	6 53
MM 257	..do..	W. L. Morgan	Traveling expense	15 40
MM 258	..do..	R. Y. Williams	..do..	23 65
MM 259	..do..	E. C. Lee	..do..	29 56
MM 260	June 8	H. D. Easton	Traveling expense	12 00
MM 261	..do..	H. G. Schmidt	Services in district school	5 00
MM 262	..do..	L. E. Knorr, Assistant Comptroller	Express bills	2 33
MM 263	June 10	John Wiley & Sons	General supplies	12 41
MM 264	June 15	Pay roll	June, 1915	50 00
		Zipprott, Ella S.	Salary	\$50 00
MM 265	..do..	Pay roll	June, 1915	958 33
		Easton, H. D.	Salary	\$175 00
		Morgan, W. L.	..do..	150 00
		Smith, H. E.	..do..	150 00
		Williams, R. Y.	..do..	333 33
		Lee, Edward C.	..do..	150 00
MM 266	June 17	The Big Four R. R. Co.	Freight	8 25
MM 267	June 18	H. H. Stoeck	Traveling expense	16 12
MM 268	..do..	R. Y. Williams	..do..	45 20
MM 269	June 23	H. D. Easton	..do..	9 00
MM 270	..do..	R. Y. Williams	..do..	16 96
MM 271	..do..	Central Illinois Public Service Co.	Electricity	6 50
MM 272	..do..	Martin Bolt	Service in district school	40 00
MM 273	June 30	University of Illinois	Office supplies from storeroom	12 37
MM 274	..do..	L. E. Knorr, Assistant Comptroller	Express bills	1 58

\* NOTICE.—Cancelled M 253. Changed to W 326 (June 1, 1915.)

## IV. WATER SURVEY AND INVESTIGATION VOUCHERS.

No.	Date.	To whom.	For what.	Amount.
1914				
W 1	July 10	H. F. Ferguson.	Traveling expense.	\$ 42 21
W 2	..do.	Ralph Hilscher.	..do.	38 62
W 3	..do.	M. C. Sjoblom.	..do.	16 76
W 4	..do.	C. R. Newell.	..do.	29 23
W 5	..do.	W. W. & E. D. Hanes.	Laboratory supplies.	2 52
W 6	..do.	International Press Clipping Bureau.	Clipping service.	5 00
W 7	July 13	E. H. Sargent & Co.	Laboratory supplies.	14 13
W 8	July 14	H. E. Babbitt.	Traveling expense.	28 77
W 9	..do.	Paul Hansen.	..do.	56 94
W 10	..do.	D. H. Lloyd.	Laboratory apparatus.	24 25
W 11	July 16	H. J. Welland.	Traveling expense.	46 83
W 12	..do.	H. E. Babbitt.	..do.	29 50
W 13	..do.	C. H. Newell.	..do.	32 45
W 14	..do.	M. C. Sjoblom.	..do.	14 29
W 15	..do.	H. F. Ferguson.	..do.	46 30
W 16	July 17	Pay roll.	July, 1914.	205 00
W 17	..do.	Pay roll.	..do.	1,023 32
W 18	July 18	Receivers, Central Union Telephone Co.	Exchange service.	12 00
W 19	July 23	H. E. Babbitt.	Assistant engineer.	75 00
W 20	..do.	C. R. Newell.	..do.	75 00
W 21	..do.	Clarence Scholl.	Assistant chemist.	70 00
W 22	..do.	Julian Smith.	..do.	40 00
W 23	July 25	Hazel Ricketts.	Clerical.	40 00
W 24	..do.	B. A. Strauch.	Blue printing and photography.	11 83
W 25	July 31	H. E. Babbitt.	Traveling expense.	35 46
W 26	..do.	C. R. Newell.	..do.	28 74
W 27	..do.	H. F. Ferguson.	..do.	68 60
W 28	..do.	J. F. Schnellbach.	..do.	42 91
W 29	..do.	M. C. Sjoblom.	..do.	22 14
W 30	..do.	Whital Tatum Co.	Laboratory supplies.	9 08
W 31	Aug. 3	W. F. Langelier.	Traveling expense.	50 12
W 32	..do.	Irving-Pitt Mfg. Co.	Office supplies.	10 58
W 33	..do.	G. C. Willis.	General supplies.	5 00
W 34	Aug. 7	International Press Clipping Bureau.	Incidentals.	5 00
W 35	..do.	E. H. Sargent & Co.	General supplies.	8 58
W 36	Aug. 11	Pay roll.	August, 1914.	1,023 32
		Bartow, Edward.	Salary.	\$166 66
		Bennett, A. N.	..do.	75 00
		Corson, H. P.	..do.	125 00
		Ferguson, H. F.	..do.	90 00
		Hanson, Paul.	..do.	291 66
		Hilscher, Ralph.	..do.	125 00
		Schnellbach, J. F.	..do.	75 00
		Sjoblom, M. C.	..do.	75 00
W 37	..do.	O. E. Staples, Bursar.	Express bills.	21 45
W 38	..do.	F. W. Tanner.	Traveling expense.	1 35
W 39	..do.	International Press Clipping Bureau.	Incidentals.	5 00
W 40	..do.	Pay roll.	August, 1914.	205 00
		Hart, Eliza.	Salary.	\$50 00
		Jester, Marie.	..do.	55 00
		Johnson, J. J.	..do.	50 00
		McMullen, Jennie B.	..do.	50 00
W 41	Aug. 12	Paul Hansen.	Traveling expense.	65 30
W 42	Aug. 18	H. F. Ferguson.	..do.	31 48
W 43	..do.	J. F. Schnellbach.	..do.	17 26
W 44	..do.	M. C. Sjoblom.	..do.	28 25
W 45	..do.	C. R. Newell.	..do.	11 81
W 46	Aug. 20	W. F. Langelier.	..do.	32 80
W 47	..do.	H. J. Welland.	..do.	2 30
W 48	..do.	H. E. Babbitt.	..do.	10 15
W 49	Aug. 24	O. E. Staples, Bursar.	Express.	6 84
W 50	Aug. 28	H. P. Corson.	Traveling expense.	1 80
W 51	Aug. 29	Ralph Hilscher.	Traveling expense.	2 35
W 52	..do.	H. E. Babbitt.	..do.	22 20
W 53	Sept. 5	Underwood Typewriter Co.	Office equipment.	106 50
W 54	..do.	C. R. Newell.	Traveling expense.	22 26
W 55	Sept. 12	Flanigan-Pearson Co.	Printing.	62 00
W 56	..do.	H. E. Babbitt.	Traveling expense.	18 56
W 57	..do.	International Press Clipping Bureau.	Incidentals.	5 00
W 58	..do.	F. W. Mohlman.	Traveling expense.	13 55
W 59	..do.	W. W. & E. D. Hanes.	Laboratory supplies.	5 40
W 60	..do.	O. E. Staples, Bursar.	Express bills.	6 06
W 61	Sept. 16	Paul Hansen.	Traveling expense.	32 70
W 62	..do.	Ralph Hilscher.	..do.	14 86
W 63	..do.	Illinois State Reformatory.	Printing.	37 00
W 64	..do.	Walker & Mulliken.	General supplies.	3 75
W 65	..do.	B. E. Spalding.	Laboratory supplies.	4 50
W 66	..do.	Twin City Ice & Cold Storage Co.	General supplies.	8 00

## WATER SURVEY AND INVESTIGATION VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1914			
W 67	Sept. 16	J. B. Carroll	General supplies	\$ 18 86
W 68	..do....	Pay roll	September, 1914	205 00
		Hart, Eliza	Salary	\$ 50 00
		Jester, Marie	..do.	55 00
		Johnson, J. J.	..do.	50 00
		McMullen, Jennie B.	..do.	50 00
W 69	Sept. 22	G. C. Willis	General supplies	2 50
W 70	..do....	Osgood Co.	Publications	33 37
W 71	..do....	John H. Doyle	General supplies	1 00
W 72	..do....	Rumford Printing Co.	Printing	3 50
W 73	..do....	J. B. Carroll	General supplies	3 48
W 74	..do....	Pay roll	September, 1914	1,023 33
		Bartow, Edward	Salary	\$166 67
		Bennett, A. N.	..do.	75 00
		Corson, H. P.	..do.	125 00
		Ferguson, H. F.	..do.	90 00
		Hansen, Paul	..do.	291 66
		Hilscher, Ralph	..do.	125 00
		Schnellbach, J. F.	..do.	75 00
		Sjohblom, M. C.	..do.	75 00
W 75	Sept. 30	W. J. Horn Posting Sign System	General supplies	6 50
W 76	..do....	Franigan-Pearson Co.	Printing	2 50
W 77	..do....	G. C. Willis	General supplies	2 20
W 78	..do....	The Calkins Studios	Museum specimens	165 00
W 79	..do....	Ralph Hilscher	Traveling expense	29 13
W 80	..do....	M. C. Sjohblom	..do.	13 74
W 81	..do....	Paul Hansen	..do.	51 51
W 82	..do....	O. E. Staples, Bursar	Express bills	8 06
W 83	..do....	Ralph Hilscher	Traveling expense	3 89
W 84	..do....	Henry J. Weiland	..do.	16 75
W 85	Oct. 8	International Press Clipping Bureau	Incidentals	5 00
W 86	..do....	A. N. Bennett	Traveling expense	50 58
W 87	..do....	G. C. Willis	General supplies	5 00
W 88	..do....	Illinois State Reformatory	Printing	6 50
W 89	..do....	Ralph Hilscher	Traveling expense	18 43
W 90	..do....	Rogers & Hall Co.	Publications	28 75
W 91	..do....	J. L. Hudson & Co.	General supplies	10 00
W 92	..do....	P. D. Foster	Museum spec	42 50
W 93	Oct. 15	Pay roll	October, 1914	1,023 32
		Bartow, Edward	Salary	\$166 66
		Bennett, A. N.	..do.	75 00
		Corson, H. P.	..do.	125 00
		Ferguson, H. F.	..do.	90 00
		Hansen, Paul	..do.	291 66
		Hilscher, Ralph	..do.	125 00
		Schnellbach, J. F.	..do.	75 00
		Sjohblom, M. C.	..do.	75 00
W 94	..do....	Pay roll	October, 1914	105 00
		Jester, Marie	Salary	\$55 00
		Johnson, J. J.	..do.	50 00
W 95	Oct. 19	W. F. Langelier	Traveling expense	33 40
W 96	..do....	Central Union Telephone Co.	Telephone and telegraph	12 00
W 97	..do....	Harry F. Ferguson	Traveling expense	17 29
W 98	..do....	Ralph Hilscher	..do.	53 65
W 99	..do....	O. E. Staples	Water investigation	6 12
W 100	..do....	O. E. Staples	..do.	2 46
W 101	Oct. 21	W. F. Langelier	Rental	21 08
W 102	Oct. 24	W. J. Smith	Apparatus repairs	10 00
W 103	..do....	P. S. Campbell	Printing	6 25
W 104	..do....	Pay roll	October, 1914	70 00
		Huenink, H. L.	Salary	\$70 00
W 105	..do....	Pay roll	October, 1914	43 34
		Steitz, Carman H.	Salary	\$43 34
W 106	..do....	Pay roll	October, 1914	40 00
		Ricketts, Hazel W.	Salary	\$40 00
W 107	Oct. 31	Twin City Ice & Cold Storage Co.	General supplies	4 00
W 108	..do....	F. W. Tanner	Traveling expense	12 78
W 109	..do....	Ernst Hertzberg & Sons	Journals	1 47
W 110	..do....	Paul Hanson	Traveling expense	73 23
W 111	..do....	Ralph Hilscher	..do.	23 15
W 112	Nov. 6	A. M. & L. A. Terwilliger	Handsaw and kettle	2 75
W 113	..do....	Rogers & Hall Co.	Publications	60 95
W 114	..do....	B. E. Spalding	Laboratory supplies	3 75
W 115	..do....	H. F. Ferguson	Traveling expense	17 03
W 116	..do....	W. F. Langelier	..do.	48 08
W 117	..do....	B. A. Strauch	Blue printing	19 83
W 118	..do....	The Calkins Studios	Express	2 60
W 119	..do....	O. E. Staples, Bursar	Express bills	48 28
W 120	..do....	W. W. & E. D. Hanes	Laboratory supplies	3 96



## WATER SURVEY AND INVESTIGATION VOUCHERS--Continued.

No.	Date.	To whom.	For what.	Amount.
	1914			
W 121	Nov. 6	Illinois State Reformatory.	Publications	\$ 2 25
W 122	do.	Bausch & Lomb Optical Co.	Laboratory supplies	1 96
W 123	Nov. 10	O. E. Staples, Bursar.	General labor	31 20
W 124	Nov. 11	Illinois State Reformatory.	Printing	10 85
W 125	do.	International Press Clipping Bureau.	Clippings	5 00
W 126	do.	O. E. Staples, Bursar.	Express bills	4 23
W 127	do.	G. C. Willis.	General supplies	3 75
W 128	do.	The Dreka Co.	Cards	2 00
W 129	Nov. 13	Pay roll.	November, 1914	155 00
		Jester, Marie.	Salary	\$55 00
		Johnson, J. J.	do.	50 00
		Hart, Eliza.	do.	50 00
W 130	do.	Pay roll.	November, 1914	1,023 32
		Bartow, Edward.	Salary	\$166 66
		Bennett, A. N.	do.	75 00
		Corson, H. P.	do.	125 00
		Ferguson, H. F.	do.	90 00
		Hansen, Paul.	do.	291 66
		Hilscher, Ralph.	do.	125 00
		Schnellbach, J. F.	do.	75 00
		Sjoblom, M. C.	do.	75 00
W 131	Nov. 17	G. C. Willis.	Cotton	5 00
W 132	do.	J. F. Schnellbach.	Traveling expense	39 23
W 133	do.	H. P. Corson	do.	12 04
W 134	do.	Paul Hansen	do.	9 95
W 135	Nov. 19	W. W. Hanford.	do.	13 85
W 136	do.	O. E. Staples, Bursar.	Express bills	3 87
W 137	Nov. 20	J. F. Schnellbach.	Traveling expense	17 29
W 138	do.	F. W. Tanner	do.	10 59
W 139	do.	Ralph Hilscher	do.	47 20
W 140	do.	H. F. Ferguson	do.	22 57
W 141	do.	M. C. Sjoblom	do.	13 88
W 142	do.	H. L. Huenink	do.	13 85
W 143	Nov. 25	Pay roll.	November, 1914	65 00
		Steitz, Carman H.	Salary	\$65 00
W 144	do.	Pay roll.	November, 1914	40 00
		Ricketts, Hazel	Salary	\$40 00
W 145	do.	Pay roll.	November, 1914	70 00
		Huenink, H. L.	Salary	\$70 00
W 146	do.	Paul Hansen	Traveling expense	34 30
W 147	do.	Twin City Ice & Cold Storage Co.	Ice	24 00
W 148	do.	O. E. Staples, Bursar.	Express bills	5 72
W 149	do.	Illinois State Reformatory.	Printing	22 00
W 150	Nov. 30	Edward Bartow	Traveling expense	61 93
W 151	Dec. 4	Pay roll.	December, 1914	220 00
		Hart, Eliza.	Salary	\$50 00
		Jester, Marie	do.	55 00
		Johnson, J. J.	do.	50 00
		Steitz, Carman H.	do.	65 00
W 152	do.	W. W. & E. D. Hanes	Laboratory supplies	2 70
W 153	do.	Henry McGlade	Copper cups	1 50
W 154	do.	P. D. Foster	General supplies	10 50
W 155	do.	Rogers & Hall Co.	Publications	1,320 99
W 156	do.	Pay roll.	December, 1914	1,023 32
		Bartow, Edward.	Salary	\$166 66
		Bennett, A. N.	do.	75 00
		Corson, H. P.	do.	125 00
		Ferguson, H. F.	do.	90 00
		Hansen, Paul.	do.	291 66
		Hilscher, Ralph.	do.	125 00
		Schnellbach, J. F.	do.	75 00
		Sjoblom, M. C.	do.	75 00
W 157	Dec. 8	Edward Bartow	Traveling expense	87 48
W 158	do.	H. P. Corson	do.	18 62
W 159	do.	M. C. Sjoblom	do.	22 36
W 160	do.	International Press Clipping Bureau	Clipping service	5 00
W 161	do.	O. E. Staples, Bursar	Express bills	6 62
W 162	Dec. 11	Ralph Hilscher	Traveling expense	38 43
W 163	do.	United States Geological Survey	Topographic sheets	3 00
W 164	do.	The Bishop-Babcock-Becker Co.	White onyx	13 00
W 165	Dec. 15	L. E. Knorr, Assistant Comptroller.	General labor	30 00
W 166	do.	Gilbert J. Fowler	Sewage service	50 00
W 167	do.	Paul Hansen	Traveling expense	8 34
W 168	Dec. 19	The Weis Mfg. Co.	Filing sect.	9 90
W 169	do.	Professional Memoirs	Subscription	3 00
W 170	Dec. 22	Ralph Hilscher	Traveling expense	38 80
W 171	do.	Western Union Telegraph Co.	Toll	2 57
W 172	do.	Central Union Telephone Co.	do.	3 75
W 173	Dec. 23	Rogers & Hall Co.	Printing	134 20

## WATER SURVEY AND INVESTIGATION VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
1914				
W 174	Dec. 23	E. H. Sargent & Co.	Air pump	\$ 3 20
W 175	..do....	G. C. Willis.	Cotton	5 00
W 176	Dec. 31	L. E. Knorr, Assistant Comptroller.	General labor	30 00
W 177	..do....	M. C. Sjoblom.	Traveling expense	25 64
W 178	..do....	Harry F. Ferguson.	..do.	26 36
W 179	..do....	Pay roll.	December, 1914.	40 00
W 180	..do....	Ricketts, Hazel.	Salary	\$40 00
		Pay roll.	December, 1914.	70 00
		Huenink, H. L.	Salary	\$70 00
1915				
W 181	Jan. 5	Ralph Hilscher.	Traveling expense	13 01
W 182	..do....	The MacMillan Co.	Books	2 25
W 183	Jan. 8	L. E. Knorr, Assistant Comptroller.	Sundry bills	7 03
W 184	Jan. 12	W. W. Hanford.	Traveling expense	1 40
W 185	..do....	International Press Clipping Bureau.	Clipping service	5 00
W 186	..do....	Edward Bartow.	Traveling expense	30 12
W 187	..do....	Central Union Telephone Co.	Exchange service.	12 00
W 188	Jan. 13	Pay roll.	January, 1915.	220 00
W 189	..do....	Hart, Eliza.	Salary	\$50 00
		Jester, Marie.	..do.	55 00
		Johnson, J. J.	..do.	50 00
		Steitz, Carman H.	..do.	65 00
		Pay roll.	January, 1915.	1,023 32
		Bartow, Edward.	Salary	\$166 66
		Bennett, A. N.	..do.	75 00
		Corson, H. P.	..do.	125 00
		Ferguson, H. F.	..do.	90 00
		Hansen, Paul.	..do.	291 66
		Hilscher, Ralph.	..do.	125 00
		Schnellbach, J. F.	..do.	75 00
W 190	Jan. 20	Sjoblom, M. C.	..do.	75 00
		Paul Hansen.	Traveling expense	54 45
		W. W. Hanford.	..do.	2 00
		Bacon Brothers.	Plate glass	4 30
		M. C. Sjoblom.	Traveling expense	21 30
		L. E. Knorr, Assistant Comptroller.	Bills paid on account of watersurvey.	44 00
		J. F. Schnellbach.	Traveling expense	15 55
		B. A. Strauch.	Blue printing	12 75
		Rogers & Hall Co.	Reprints	1 60
		Pay roll.	January, 1915.	40 00
		Ricketts, Hazel.	Salary	\$40 00
		W 199	Jan. 25	Ralph Hilscher.
W 200	..do....	J. F. Schnellbach.	..do.	14 42
W 201	..do....	M. C. Sjoblom.	..do.	11 34
W 202	..do....	H. F. Ferguson.	..do.	18 23
W 203	Jan. 27	L. E. Knorr, Assistant Comptroller.	Express.	5 26
W 204	Jan. 28	Paul Hansen.	Traveling expense	108 94
W 205	..do....	Ernst Hertzberg & Sons.	Library	1 66
W 206	Jan. 30	McGraw-Hill Book Co., Inc.	Library.	3 60
W 207	Feb. 9	H. F. Ferguson.	Traveling expense.	19 98
W 208	..do....	Illinois State Reformatory.	Printing.	12 00
W 209	..do....	W. W. & E. D. Hanes.	Laboratory supplies	2 70
W 210	..do....	B. E. Spalding.	Beef extract.	7 50
W 211	..do....	International Press Clipping Bureau.	Incidentals.	5 00
W 212	..do....	Ralph Hilscher.	Traveling expense.	11 80
W 213	..do....	L. E. Knorr, Assistant Comptroller.	General labor bills	30 00
W 214	Feb. 11	L. E. Knorr, Assistant Comptroller.	Express bills.	4 93
W 215	Feb. 15	Pay roll.	February, 1915.	1,023 32
W 216	..do....	Bartow, Edward.	Salary	\$166 66
		Bennett, A. N.	..do.	75 00
		Corson, H. P.	..do.	125 00
		Ferguson, H. F.	..do.	90 00
		Hansen, Paul.	..do.	291 66
		Hilscher, Ralph.	..do.	125 00
		Schnellbach, J. F.	..do.	75 00
		Sjoblom, M. C.	..do.	75 00
		Pay roll.	February, 1915.	220 00
		Hart, Eliza.	Salary	\$50 00
		Jester, Marie.	..do.	55 00
		Johnson, J. J.	..do.	50 00
W 217	..do....	Steitz, Carman H.	..do.	65 00
		H. F. Ferguson.	Traveling expense.	15 56
		J. M. Barnhart.	Books	10 00
		Edward Bartow.	Traveling expense	42 42
		W. W. Hanford.	..do.	12 97
		G. E. Stechert & Co.	Books	1 19
		Flanigan-Pearson Co.	Printing	4 50
		A. S. Nelson & Sons.	Food supplies.	1 60

## WATER SURVEY AND INVESTIGATION VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
1915				
W 224	Feb. 20	Paul Hansen.	Traveling expense	\$ 58 74
W 225	..do...	Ralph Hilscher.	..do	37 40
W 226	Feb. 24	The Western Union Telegraph Co.	Toll.	1 51
W 227	..do...	E. H. Sargent & Co.	Test tubes	16 00
W 228	..do...	The Calkins Studios	Sewage repairs	20 00
W 229	..do...	H. F. Ferguson	Traveling expense	20 39
W 230	..do...	A. N. Bennett.	..do	9 35
W 231	..do...	M. E. Hinds.	..do	8 40
W 232	Feb. 24	L. E. Knorr, Assistant Comptroller.	Sundry bills	5 41
W 233	Feb. 26	Hazel Ricketts.	Stenographer	40 00
W 234	Feb. 27	G. C. Willis	Cloth.	5 00
W 235	..do...	H. P. Corson.	Traveling expense	8 10
W 236	..do...	Clarence Scholl.	..do	34 04
W 237	..do...	Ernst Hertzberg & Sons.	Books	1 43
W 238	Mar. 4	L. E. Knorr, Assistant Comptroller.	General labor	30 00
W 239	Mar. 5	A. S. Nelson & Son.	Foodstuffs	1 95
W 240	..do...	G. C. Willis	Batts.	5 00
W 241	..do...	International Press Clipping Bureau.	Clipping service.	5 00
W 242	Mar. 11	W. W. & E. D. Hanes.	Laboratory supplies	2 70
W 243	..do...	Ralph Hilscher.	Traveling expense	17 99
W 244	..do...	L. E. Knorr, Acting Comptroller.	Express bills.	3 57
W 245	Mar. 12	Pay roll	March, 1915.	220 00
		Hart, Eliza.	Salary	\$50 00
		Jester, Marie.	..do	55 00
		Johnson, J. J.	..do	50 00
		Steitz, Carman H.	..do	65 00
W 246	..do...	Pay roll	March, 1915.	948 32
		Bartow, Edward.	Salary	\$166 66
		Corson, H. P.	..do	125 00
		Ferguson, H. F.	..do	90 00
		Hansen, Paul.	..do	291 66
		Hilscher, Ralph.	..do	125 00
		Schnellbach, J. F.	..do	75 00
		Sjoblom, M. C.	..do	75 00
W 247	Mar. 15	Illinois Glass Co.	Bottles.	6 00
W 248	..do...	Paul Hansen.	Traveling expense	22 72
W 249	Mar. 23	L. E. Knorr, Acting Comptroller.	Express bills.	7 38
W 250	Mar. 26	Edward Bartow.	Traveling expense	86 76
W 251	..do...	United States Geological Survey.	General supplies.	3 00
W 252	..do...	Ernst Hertzberg & Sons.	Books	2 70
W 253	..do...	G. E. Stechert & Co.	..do	1 25
W 254	..do...	General Filtration Co., Inc.	Laboratory supplies	20 00
W 255	..do...	F. W. Mohlman.	Traveling expense	8 15
W 256	..do...	C. M. Larson.	..do	18 94
W 257	..do...	M. C. Sjoblom.	..do	9 33
W 258	..do...	Western Union Telegraph Co.	Telegraph	1 60
W 259	..do...	Ralph Hilscher.	Traveling expense	19 34
W 260	Mar. 27	H. L. Huenink.	Wages.	70 00
W 261	..do...	Hazel Ricketts.	..do	40 00
W 262	Mar. 29	University of Illinois.	Material furnished from University storerooms.	102 04
W 263	Mar. 30	L. E. Knorr, Acting Comptroller.	Bills paid	1 60
W 264	..do...	E. H. Sargent & Co.	Micro slides	2 44
W 265	..do...	M. C. Sjoblom.	Traveling expense	14 49
W 266	..do...	Paul Hansen.	..do	38 48
W 267	Mar. 31	Taylor Hardware Co.	Enamel pails.	2 50
W 268	Apr. 6	L. E. Knorr, Acting Comptroller.	Bills paid	30 00
W 269	Apr. 8	J. F. Schnellbach.	Traveling expense.	21 05
W 270	..do...	Illinois Press Clipping Bureau.	Press clipping	5 00
W 271	..do...	W. W. & E. D. Hanes.	Veal and pork.	1 80
W 272	..do...	H. P. Corson.	Traveling expense.	63 65
W 273	..do...	Whitall Tatum Co.	Laboratory apparatus.	50 94
W 274	Apr. 10	H. F. Ferguson.	Traveling expense.	46 43
W 275	Apr. 11	Central Union Telephone Co.	Telephone.	13 10
W 276	..do...	Paul Hansen.	Traveling expense.	24 42
W 277	..do...	Ralph Hilscher.	..do	55 43
W 278	Apr. 14	Pay roll	April, 1915.	220 00
		Hart, Eliza.	Salary	\$50 00
		Jester, Marie.	..do	55 00
		Johnson, J. J.	..do	50 00
		Steitz, Carman H.	..do	65 00
H 279	..do...	Pay roll	April, 1915.	948 32
		Bartow, Edward.	Salary	\$166 66
		Corson, H. P.	..do	125 00
		Ferguson, H. F.	..do	90 00
		Hansen, Paul.	..do	291 66
		Hilscher, Ralph.	..do	125 00
		Schnellbach, J. F.	..do	75 00
		Sjoblom, M. C.	..do	75 00

## WATER SURVEY AND INVESTIGATION VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
1915				
W 280	Apr. 14	W. W. Hanford	Traveling expense	\$ 46 35
W 281	Apr. 16	Crane Co.	Building material	37 31
W 282	Apr. 17	A. S. Nelson & Sons	Beans and sugar	1 15
W 283	Apr. 21	The American Meter Co.	B meters	24 82
W 284	do.	H. F. Ferguson	Traveling expense	8 49
W 285	do.	M. C. Sjolom	do.	17 14
W 286	Apr. 24	W. F. Langelier	do.	57 86
W 287	do.	Edward Bartow	do.	95 11
W 288	do.	The Powers Regulator Co.	Reducing valve	10 00
W 289	do.	Hazel Ricketts	Wages	40 00
W 290	Apr. 26	L. E. Knorr, Acting Comptroller	Express bills	7 05
W 291	Apr. 29	G. C. Willis	Cotton bats	5 00
W 292	do.	Western Union Telegraph Co.	Telephone	1 54
W 293	do.	Central Union Telephone Co.	do.	1 50
W 294	do.	J. W. Butler Paper Co.	Office supplies	5 66
W 295	do.	The Beck Duplicator Co.	Films	6 37
W 296	Apr. 30	Dr. Ing G. Thiem	General supplies	7 20
W 297	May 8	H. P. Corson	Traveling expense	14 79
W 298	do.	The Wabash R. R.	Freight	1 14
W 299	May 12	H. F. Ferguson	Traveling expense	30 13
W 300	do.	D. Appleton & Co.	Books	2 14
W 301	do.	John Wiley & Sons	do.	2 58
W 302	do.	International Press Clipping Bureau	Publications	5 00
W 303	do.	Paul Hansen	Traveling expense	16 48
W 304	May 13	Pay roll	May, 1915	220 00
		Hart, Eliza	Salary	\$50 00
		Jester, Marie	do.	55 00
		Johnson, J. J.	do.	50 00
		Steltz, Carman H.	do.	65 00
W 305	May 15	L. E. Knorr, Assistant Comptroller	Sundry bills	2 62
W 306	May 17	L. E. Knorr, Assistant Comptroller	General labor	30 00
W 307	do.	Twin City Ice & Cold Storage Co.	Ice	24 00
W 308	do.	W. F. Langelier	Traveling expense	86 05
W 309	May 18	Pay roll	May, 1915	948 32
		Bartow, Edward	Salary	\$166 66
		Corson, H. P.	do.	125 00
		Ferguson, H. F.	do.	90 00
		Hansen, Paul	do.	291 66
		Hilscher, Ralph	do.	125 00
		Schnellbach, J. F.	do.	75 00
		Sjolom, M. C.	do.	75 00
W 310	May 19	Paul Hansen	Traveling expense	39 26
W 311	do.	Ralph Hilscher	do.	38 72
W 312	do.	Ernst Hertzberg & Sons	Books	5 00
W 313	do.	McGraw Publishing Co.	do.	15 00
W 314	do.	General Filtration Co.	Filtros plates	20 00
W 315	May 21	Hazel Ricketts	Wages, May	40 00
W 316	May 27	Paul Hansen	Traveling expenses	40 17
W 317	do.	Engle Lock Co.	Locks	2 26
W 318	do.	Ralph Hilscher	Traveling expense	10 15
W 319	do.	H. F. Ferguson	do.	14 62
W 320	May 29	Western Union Telegraph Co.	Telegraph and telephone	1 18
W 321	do.	Western Union Telegraph Co.	do.	2 45
W 322	May 31	Ernst Hertzberg & Sons	Books	26 14
W 323	do.	University of Illinois	Material from University store-room	195 35
W 324	do.	Ralph Hilscher	Traveling expense	33 93
W 325	do.	H. P. Corson	Traveling expense	2 40
W 326	June 1	M. C. Sjolom	do.	31 52
W 327	June 7	L. E. Knorr, Assistant Comptroller	Express bills	1 93
W 328	do.	International Press Clipping Bureau	Press clipping	5 00
W 329	June 8	L. E. Knorr, Assistant Comptroller	Express bills	2 24
W 330	June 10	American Water Works Assn.	Reprints	9 88
W 331	June 13	The Lunkenheimer Co.	Gate valves	10 64
W 332	do.	Ralph Hilscher	Traveling expense	36 29
W 333	do.	H. F. Ferguson	do.	25 71
W 334	do.	J. F. Schnellbach	do.	27 81
W 335	June 15	Pay roll	June, 1915	935 21
		Bartow, Edward	Salary	\$153 55
		Corson, H. P.	do.	125 00
		Ferguson, H. F.	do.	90 00
		Hansen, Paul	do.	291 66
		Hilscher, Ralph	do.	125 00
		Schnellbach, J. F.	do.	75 00
		Sjolom, M. C.	do.	75 00
W 336	do.	Pay roll	June, 1915	220 00
		Hart, Eliza	Salary	\$50 00
		Jester, Marie	do.	55 00
		Johnson, J. J.	do.	50 00

## WATER SURVEY AND INVESTIGATION VOUCHERS—Concluded.

No.	Date.	To whom.	For what.	Amount.
	1915			
W 336	June 15	Steitz, Carman H.....	Salary..... \$65 00	
W 337	June 17	Edward Bartow.....	Traveling expense.....	\$79 49
W 338	..do....	Paul Hansen.....	..do.....	39 88
W 339	June 18	M. C. Sjoblom.....	..do.....	37 12
W 340	..do....	Ernst Hertzberg & Sons.....	Books.....	1 57
W 341	..do....	Ralph Hischler.....	Traveling expense.....	13 97
W 342	June 22	Hazel Ricketts.....	Wages, June, 1915.....	40 00
W 343	June 30	B. E. Spalding.....	Laboratory supplies.....	9 50
W 344	..do....	Edward Bartow.....	Traveling expense.....	85 78

# PROCEEDINGS OF THE BOARD OF TRUSTEES OF THE UNIVERSITY OF ILLINOIS FOR THE YEAR ENDING JUNE 30, 1916.

## MEETING OF JULY 14, 1915.

A special meeting of the Board of Trustees of the University of Illinois was held at the Blackstone Hotel, in the city of Chicago, at 12.00 m., on Wednesday, July 14, 1915, pursuant to the following notice which was sent out by the Secretary on July 9, 1915:

By order of the President of the Board of Trustees, a special meeting of the Board of Trustees of the University of Illinois will be held at the Blackstone Hotel, in the city of Chicago, on Wednesday, July 14, 1915, beginning at 12.00 noon, to consider such matters as the committees of the board and the President of the University may submit and such matters as may be duly presented.

When the board convened, the following members were present: President Abbott, Mr. Carr, Mrs. Evans, Mrs. Henrotin, Mr. Hoit, and Miss Watson. Mr. Len Small, of Kankakee, newly elected President of the State Board of Agriculture, was introduced and took his seat with the board.

President James was present.

### APPROVAL OF MINUTES.

The Secretary presented the minutes of the meeting of June 8, 1915, and of the adjourned sessions of June 14, 15, and 16; also the minutes of the meetings of the Executive Committee of June 8, 14, and 15.

On motion of Mrs. Henrotin, the minutes were approved and received for record as printed above on pages 287 to 312.

### MATTERS PRESENTED BY THE PRESIDENT OF THE UNIVERSITY.

The board proceeded to the consideration of the following matters presented by President James:

#### SUMMER CAMP.

(1) The following statement:

In accordance with authority given me by the board at the meeting on June 8 [page 288], I made a proposition to certain gentlemen representing the LaSalle Commercial Association concerning the acquisition of a summer camp, with buildings and equipment, near Deer Park, Ill.

The proposition was not accepted, as the influential men concerned in the work of the association considered that it involved too large a contribution on the part of the local people to what in their opinion is after all essentially a State matter.

The project rests, therefore, for the present. I have been much impressed, however, with the desirability of locating as soon as possible such a summer camp as the Trustees have been discussing for some time past. I hope that something may be done in the premises at no distant date.

This statement was received for record.

#### APPOINTMENT OF DEAN OF COLLEGE OF COMMERCE.

(2) A request for authority to appoint Dr. Nathan Austin Weston Acting Dean of the College of Commerce and Business Administration for one year from September 1, 1915, or until a Dean may be appointed. In accordance with the authority given me by the board at the meeting on June 14 [page 298], I asked Dr. William F. Gephart, of Washington University, whether he would accept the deanship of this college. Owing to a miscarriage in the mails, my letter did not reach him until he had started on his summer vacation, and until after the last meeting of the board of trustees of Washington University. He did not feel that it would be fair to accept the position without any chance to give fair notice to his own board.

On motion of Mr. Hoit, authority to make this appointment was given.

**PURCHASE OF GILBERT PROPERTY.**

(3) A letter from the Supervising Architect concerning the purchase of lots 1, 2, and 3, in block 6 of the Urbana Railroad Company's Addition to Urbana:

URBANA, ILL., July 12, 1915.

*President E. J. James, University of Illinois.*

DEAR SIR: I recommend that lots 1, 2 and 3 [in block 6] in the Urbana Railroad Company's Addition [to Urbana], each lot being 66 feet by 132 feet, be purchased from Mr. J. P. Gilbert at a cost of \$10,000 plus three paving assessments which amount to \$146.58. There is a \$2,000 mortgage on the property which the University should assume, so that the present payment would be \$8,000.

This property has a frontage of 132 feet on Goodwin Avenue and 198 feet along the Illinois Traction right of way. There are two houses located on the property. The value of the property may be estimated as follows:

132 feet on Goodwin Avenue at \$30 a foot.....	\$3,960 00
66 feet north frontage at \$15 a foot.....	990 00
The house on the corner lot.....	1,500 00
The house on the south lot.....	3,700 00

Total ..... \$10,150 00

In 1912 the University acquired the block across the street west of this property extending from Goodwin to Mathews Avenue. The frontage on Mathews and Goodwin Avenues was at that time figured at \$34 (see report of W. F. M. Goss in board minutes of July 5, 1912). It therefore seems reasonable at this time to figure the frontage at \$30.

The entire block purchased in 1912 contains practically the same area that we will own between Goodwin and Harvey, providing we acquire the Gilbert corner. The 1912 purchase included six houses and the purchases between Goodwin and Harvey include eight houses. The gross cost per square foot of the 1912 purchase was thirty-two cents. The gross cost for the block between Goodwin and Harvey, including the Gilbert property, will be thirty-three and four-tenths cents, but the eight houses represent a greater value than the six houses purchased with the block between Mathews and Goodwin Avenues.

There still remains a small vacant lot on the west side of Harvey Street which we have not acquired and the area of which has not been included in the above figures.

We now own the entire frontage on the east side of Harvey Street between the street car track and the Boneyard, with the exception of the Behrens property, on which we have an option of \$2,400. The lot is 60 feet by 132 feet with a fairly good cottage on it. The gross price per square foot for this property on this basis would be twenty-eight cents and I hope we may also acquire it.

Yours truly,

JAMES M. WHITE, *Supervising Architect.*

On the recommendation of President James and on motion of Miss Watson, the Comptroller was authorized to purchase lots 1, 2, and 3 of block 6 in the Urbana Railroad Company's Addition to Urbana. The appropriation involved was made by the following vote: Ayes, Mr. Abbott, Mr. Carr, Mrs. Evans, Mrs. Henrotin, Mr. Hoit, Mr. Small, Miss Watson; noes, none; absent, Mr. Blair, Mrs. Busey, Mr. Dunne, Mr. Trévett, Mr. Ward.

**ORGANIZATION OF PRACTISE SCHOOL.**

(4) A recommendation from Dr. William C. Bagley, Director of the School; approved by Professors L. D. Coffman, H. A. Hollister, Charles H. Johnston, Dean David Kinley, and Dean Kendrick C. Babcock:

URBANA, ILL., May 29, 1915.

*President E. J. James, Natural History Building.*

DEAR MR. PRESIDENT: In view of the fact that the organization of the training school staff will come up for discussion and decision during the coming academic year, and inasmuch as certain questions regarding the administration of the school should be definitely settled before any appointments are considered, I beg to make the following recommendations:

(1) The primary purpose of the school should be definitely understood by all connected with it to be the provision of facilities for observation and practise teaching. While it is desirable to utilize the school for certain other purposes (for example, the testing of new methods and devices of teaching and administration), these should always be looked upon as subordinate to the primary purpose and should at no time and in no way interfere unduly with the fulfillment of this primary purpose.

(2) The nature and purpose of the training school consequently necessitate a thoroughgoing centralization of responsibility and of authority. The Director of the School of Education, as responsible to the administration of the University for the efficiency of the training-school, and as directly and individually responsible for the primary work of the school (the observation and practise teaching), should be the center of its administration.

(3) Associated with the Director of the School of Education and constituting an Advisory Administrative Committee should be the Dean of the College of Liberal Arts and Sciences, the High School Visitor, the Professor of Education in charge of school administration, the Professor of Secondary Education, and the principal of the training school. Policies related to the internal administration and government of the training school should be determined by the Director of the School of Education after discussion and conference in this committee. Any member or members of the Advisory Committee, however, should have the right to appeal from the decision of the Director of the School of Education, either to

the Council of Administration or to a Council Committee of which the Dean of the College of Liberal Arts and Sciences should be chairman and of which no member of the Department of Education should be a member.

(4) The members of the Department of Education, the members of other departments assigned to specific duties in connection with the training school, the principal of the training school, and the supervisors of practise teaching should constitute a training school staff which should meet not less frequently than once in two weeks for the discussion of both administrative and teaching problems; administrative policies recommended by this staff should be referred to the Director and the Advisory Committee.

(5) The specific duties of the principal of the training school and of the various supervisors should be determined by the Director after conference with the Advisory Committee, subject to the approval of the Dean of the College of Liberal Arts and Sciences, the Dean of the Graduate School, if questions of graduate study are involved, and the President of the University.

Respectfully yours,

W. C. BAGLEY,

*Director of the School of Education.*

We concur in the above recommendations.

L. D. COFFMAN.

H. A. HOLLISTER.

K. C. BABCOCK.

I am in hearty accord with some of the above recommendations. I do not, however, believe in the principle of university government expressed in section 2, nor that it is best under local conditions, nor do I think the second statement therein consistent with the terms of my employment as Professor of Secondary Education. I am, however, willing to accept this new interpretation of my duties and responsibilities and endeavor to cooperate in every way possible.

CHARLES HUGHES JOHNSTON.

On the recommendation of President James and on motion of Mrs. Evans, the plan proposed by Prof. Bagley was approved, subject to the authority of the President of the University and the Board of Trustees.

#### REPORTS OF GRADES OF STUDENTS.

(5) A recommendation of the Council of Administration concerning the amendment of No. XII of the Statutes of the University:

*July 7, 1915.*

*Dr. Edmund J. James, 340 Natural History Hall.*

DEAR MR. PRESIDENT: The Council of Administration at its meeting of July 2, 1915, voted to recommend to the Board of Trustees the amendment of Statute No. XII (pages 38 and 39 of the edition of December 29, 1908) by the addition to paragraph (d) of the words "except as provided in paragraph (e)," and the addition of a new paragraph (e), giving the following reading for these two paragraphs:

"(d) Within three days after semester examinations any student may secure from his instructor an exact statement of his standing for the semester, except as provided in paragraph (e)."

"(e) Reports upon thesis or seminar courses may be made either at the end of each semester, or at the end of the year (and not at the end of the first semester) at the discretion of the instructor in charge of the course."

Sincerely yours,

C. M. McCONN, *Secretary pro tem.*

On motion of Mr. Small, this recommendation was concurred in.

#### APPOINTMENT OF DIRECTOR OF PHYSICAL TRAINING FOR WOMEN.

(6) A request for authority to appoint Miss Louise Freer, of Mount Vernon, Iowa, Director of Physical Training for Women, for one year, beginning September 1, 1915, at a salary of \$1,400 a year, in place of Miss Gertrude E. Moulton, resigned.

On motion of Mrs. Evans, authority to make this appointment was given.

#### LIABILITY FOR INJURIES TO EMPLOYEES.

(7) The following statement:

The question has arisen several times in the history of the University, whether the institution is liable for injuries to its employees received during their employment. It is said that two or three people obtained the passage of special laws from the last Legislature granting them damages for such injuries, in one case at any rate, in the opinion of the persons in immediate charge of the work, without any justice whatever.

It was proposed by one member of the Legislature to attach a rider to the University appropriation bill insisting that the Trustees should pay all claims for damages made by students or employees. This was defeated both in the committee and again when it was offered on the floor of the House. The general sentiment of the Legislature seemed to be that the University should in some way provide for accident insurance, and should meet the expense out of the regular appropriation of the University.

The University now has a case before the Appellate Court of the State to determine the liability of the University in this matter. I have asked the Counsel of the University to prepare a brief on the subject which follows:



[Judge Harker's Opinion.]

July 3, 1915.

*President Edmund J. James, University of Illinois.*

MY DEAR PRESIDENT JAMES: Complying with your request that I should express my views in writing concerning the liability of the University to University employees, students, and others, I am pleased to submit to you the following:

No liability for negligence is cast upon the University by reason of any rule at common law, any provision of the original charter, or by any provision contained in any amendment to the charter, or legislation directly applying to the University. If there is now any liability for injuries sustained by employees for negligence, it must be by virtue of the Workmen's Compensation Act of 1913. That act is rather a crude piece of legislation, and some provisions have already been held unconstitutional by our Supreme Court. In view of the fact that the legislation is entirely new and is crude in some of its provisions, it is a little difficult to determine exactly what the obligations of the University are to its employees.

The first section provides "That any employer in this State may elect to provide and pay compensation for accidental injuries sustained by any employee arising out of and in the course of the employment according to the provisions of this act, and thereby relieve himself from any liability for the recovery of damages, except as herein provided." The section also provides that election shall be accomplished by the employer filing notice of such election with the Industrial Board. The Industrial Board is a body of three men appointed by the Governor of the State to administer the provisions of the act. An employer who has elected to come within the provisions of the act shall remain therein until the 1st of the following January and thereafter unless he shall, sixty days prior to that date, file notice with the Industrial Board of his election to withdraw from the act and post notices of his withdrawal. The second section of the act provides that every employer engaged in any of the occupations, enterprises, or businesses enumerated below shall be conclusively presumed to have filed notice of his election unless he shall file a notice in writing to the contrary, and shall also furnish his employees, personally, or post at a conspicuous place in his plant, copy of his notice to provide and pay compensation, etc.:

1. The building, maintaining, repairing, or demolishing of any structure;
2. Construction, excavating, or electrical work;
3. Carriage by land or water and loading or unloading in connection therewith;
4. The operation of any warehouse or general or terminal storehouse;
5. Mining, surface mining, or quarrying;
6. Any enterprise in which explosive materials are manufactured, handled, or used in dangerous quantities;
7. In any enterprise wherein molten metal, or explosive or injurious gases or vapors or inflammable vapors or fluids or corrosive acids are manufactured, used, generated, stored, or conveyed in dangerous quantities;
8. In any enterprise in which statutory or municipal ordinance regulations are now or shall hereafter be imposed for the regulation, guarding, use, or the placing of machinery or appliances, or for the protection and safeguarding of the employees or the public therein; each of which occupations, enterprises, or businesses are hereby declared to be extra-hazardous."

There has been considerable difference of opinion as to the meaning which should be attached to the words "employer engaged in any of the following occupations, enterprises, or businesses." When the act first went into effect, there were a number of lawyers who were of the opinion that anyone engaged in a business that required him to do any of the things mentioned in the eight particular kinds of work was within the act without having filed an election as provided in section 1. In other words, it was maintained by some that a farmer or merchant, or the keeper of a hotel who had occasion in his business to do any of the things enumerated within the eight lines mentioned, came within the provisions of the act. I have been informed that the Attorney General's office once promulgated such an opinion. Circuit judges in different parts of the State, however, held in case of farmers and merchants that they were not within the intention of the Legislature. In other words, they held that in order to bring an employer within the provisions of the act, his occupation, enterprise, or business would have to be extra-hazardous, and the main occupation or business as specified in section 3 of the act.

Perhaps I cannot give you a better understanding of my views concerning the liability of the University as an employer than by stating our points of contention in the case of *Walter J. North, Administrator of the estate of James W. North v. The Board of Trustees of the University of Illinois*, now pending in the First Appellate Court District.

James W. North, employed as a Curator at the College of Medicine, at a salary of \$70 per month, came to his death on the 5th of December, 1913, by falling through an elevator shaftway from the fourth floor of the Medical College Building to the basement. Among the duties of North was that of moving cadavers from floor to floor. The evidence taken at the coroner's inquest and also upon the trial before the Arbitration Committee of the Industrial Board showed that it was the custom of North to receive cadavers from the expressman in the basement, at the alley, and distribute them as needed on the different floors. When the school was through with the cadavers, they were gathered up and taken by the Curator, by way of the elevator, to the alley, where they were again taken by the expressman. No one was present when North met his death. He was found at the bottom of the elevator shaftway, dead, with a table and a cadaver over him. The elevator was flush with the fifth floor. The door opening into the shaftway at the fourth floor was open. The supposition is that he ran the elevator to the fifth floor, and then engaged in gathering together cadavers that had been used, for the purpose of taking them to the basement. In his work he went to the fourth floor, and in getting a cadaver ready, moved to the shaftway, and forgetting that he had left the elevator at the fifth floor, opened the door and stepped into the shaftway.

On the 19th of December, 1913, the administrator filed statement with the Industrial Board, which body notified the University and requested it to name a representative on the Committee of Arbitration.

I appeared before the board and insisted that it had not jurisdiction of the case for the reason that the University had never elected to come within the provisions of the act. I declined to name a representative. Thereupon the board named Peter D. Carey as the representative of the University on the Board of Arbitration. The law provides that the Arbitrating Committee shall be named in the manner following: one member of the Industrial Board, one member to be selected by the injured employee, and one by the employer.

After being notified of the selection of Carey the case was set for hearing on March 17, 1914. I appeared on that day, but the case was not tried because of the absence of the attorney for the administrator. After two or three continuations, the trial was commenced on the 25th of June. Before the case was tried I filed a protest against a hearing, and a motion to dismiss for the following reasons: (1) That the Workmen's Compensation Act did not apply to the University; (2) that the University had never elected to pay compensation as provided by the first section of the act; and (3) that it was not engaged in any of the occupations, enterprises, or businesses enumerated in paragraph (b) of section 3 of the act. There was no controversy as to the manner in which North met his death, and it was admitted by the University that he was in its employ at the time, but we made it clear by the testimony of Mr. Abbott that the University was not engaged in either of the eight lines of employment mentioned above, except as incidental to its business of furnishing instruction and education to students. We made it clear that it was doing none of those things in a commercial sense, and while it did handle some dangerous agencies, it did so only as it was necessary to fulfill its mission of education. On the 29th of June, 1914, the Arbitrating Committee made its report, holding that the administrator of North's estate was entitled to receive from the Board of Trustees the sum of \$8.75 per week, for a period of 384 weeks from the 5th day of December, 1913. At a hearing before the Industrial Board, the decision of the committee was approved. Paragraph (f) of section 19 of the act provides that the Supreme Court shall have power to review the questions of law involved in a decision of the Industrial Board by certiorari or mandamus. Under this section we applied to the Supreme Court for a writ of certiorari, but the same was subsequently dismissed, the Supreme Court holding that the provision for review by the Supreme Court was unconstitutional. We were forced, therefore, to sue out a writ of certiorari from the Circuit Court of Cook County, and the entire case before the Arbitration Committee and Industrial Board was presented before that court. The Circuit Court declined to quash the proceedings and we were compelled to prosecute an appeal to the Appellate Court, where the case is now pending. In the printed brief we have filed before the Appellate Court, we contend:

#### I.

"The Illinois Workmen's Compensation Act of 1913 does not apply to the University of Illinois and, therefore, the Industrial Board of Illinois is without jurisdiction in the premises."

#### II.

"The University has never elected to provide compensation for accidental injuries to employees according to the act."

#### III.

"The University is not engaged in any of the occupations, enterprises, or businesses enumerated in paragraph (b) of section 3 of the act."

Under the first point of contention, we insist that the term "employment" should be construed as excluding the Board of Trustees of the University, and cite as authorities *Agler v. Michigan Agricultural College*, 5 N. C. C. A., 897. We also cite *Weinberg v. The Regents of University*, 97 Mich., 246, and *Sterling v. Regents of University*, 110 Mich., 369, in support of the view that "state," as used in section 4 of the act, cannot be construed so as to include a state university operating under a special charter. We are supported in our second contention by *Miller v. Pillsbury*, 164 Calif., 199. Of course, there are no authorities to be cited under our third contention.

As to the other matter concerning which you desired my views, I will say that I do not think it would be wise for the Board of Trustees to establish a fixed rate of compensation for employees, but that each case should be dealt with separately. I can see no objection to the Board of Trustees continuing an injured man in its service, although he may be badly disabled, at such compensation as may be agreed upon, even though such a man would not be employed in the first instance. I can see no objection to the University providing medical attention, nursing, and support during such time as he may be confined.

When the Supreme Court shall pronounce its views in the North case, then we will have a better understanding of what action it is wise to take. I am inclined to the opinion that if the Supreme Court holds we are within the provisions of the act, that we should either file our election to come within its provisions, or take insurance for all employees.

Respectfully submitted,

O. A. HARKER.

No action was taken concerning this matter.

#### CASE OF MR. E. C. LEWIS.

(8) Mr. E. C. Lewis received an injury while in the employ of the University, about January 21, 1915. One of the workmen while on a platform in the power plant dropped a crowbar, hitting Mr. Lewis on the right shoulder.

Two weeks' sick leave on half time was allowed Mr. Lewis.

Bills to the extent of \$173.75 have been presented to Mr. Lewis, as follows:

Dr. O. O. Stanley.....	\$ 31 00
Burnham Hospital .....	6 75
O. H. Gilmstedt .....	136 00

If the University will pay Mr. Lewis this amount, he will agree to reimburse the institution for all payments and expense made on account of this injury in case he should appeal to the Legislature and a larger sum be allowed him; or he is willing to accept the sum of \$500 in lieu of all further claims.

On motion of Mr. Small, the President of the University was authorized to make a satisfactory adjustment with Mr. Lewis on either basis, as he may think best.

#### USE OF ROOMS.

(9) The following statement:

The Council of Administration receives many requests for the use of University buildings. Some of these are rather embarrassing. After repeated consideration of this question, the Council adopted, at its meeting of July 2, the following recommendations to govern the use of rooms in University buildings:

1. The use of the University rooms shall not be permitted for any entertainment or gathering of any kind for which an admission fee is required, which is given or held or advertised under the auspices of individuals or organizations not officially connected with the University.

2. A University room shall not be granted to individuals or organizations not officially connected with the University for any purpose which, although in accord with the general purpose of the University, is of such a character, or occurs at such a time, that it is likely to interfere with the work, either specific or general, of the University or of any department of the University. (An illustration of this would be an effort to secure a concert without fee or charge to the University, but occurring at a time when it might interfere with the concerts proposed by the School of Music, or might endanger their financial success.)

3. The use of University buildings shall not be permitted for the advocacy of partisan politics or for political meetings other than those of student political clubs.

4. Applications for the use of University rooms shall be made to the Supervising Architect, and his recommendation on each application shall go to the Council of Administration for action."

The last Legislature passed a law relative to the authority of school boards to grant the use of rooms in public school buildings. This law, described as Senate Bill 221, reads in paragraph ten:

"To have the control and supervision of all public school houses in their district, and to grant the temporary use of them when not occupied by schools or religious meetings and Sunday schools, for evening schools and literary societies, and for such other meetings as the directors may deem proper. (This would include political meetings, voting booths, etc.)

"They have the further authority to grant the use of the assembly halls and classrooms when not otherwise needed, including light, heat, and attendants, for such lectures, concerts, and other educational and social interests, free of cost, but but under such provisions and control as they may see fit to impose; to conduct or provide for the conducting of recreational, social, and civic activities in the school buildings under their control, and to pay for services in connection with such conducting out of the school funds of their respective cities, towns, or districts."

We may not infer that authority given to school boards is by that simple fact given to the Board of Trustees of the University of Illinois; but the principle in these cases is the same and the passage of this law marks an increasingly liberal spirit in the administration of public buildings.

On motion of Mr. Small, the Council of Administration was given authority to permit the use of University rooms by outside parties, or for other than strictly University purposes, in accordance with the rules and regulations adopted by the Council; but the Council was advised to exercise this authority in the liberal spirit of Senate Bill 221 referred to above.

#### APPOINTMENT OF MR. S. J. TEMPLE.

(10) A request for authority to appoint Mr. Seth J. Temple, of Davenport, Iowa, Professor of Architecture and head of the Department of Architecture, at a salary of \$5,000 a year, work and salary to begin September 1, 1915, or as soon thereafter as he reports for duty.

On motion of Mr. Carr, authority to make this appointment was given.

#### UNIVERSITY GIVEN HIGH RANK IN MILITARY WORK.

(11) The following statement:

The War Department telegraphed the University of Illinois under date of June 17, as follows:

"Institution under your charge designated distinguished college this year."

This means that the University, on account of its excellence in military drill, was put in the group of distinguished colleges as classified by the War Department.

This statement was received for record.

**CARL MARTIN JAMES COLLECTION.**

(12) The following statement:

I have in mind to present a collection of books, numbering one thousand volumes, more or less, relating to statistics and similar subjects to the Library of the University, on the following conditions:

(1) That the collection be known as the Carl Martin James Collection, in memory of my son, born August 22, 1881, died December 31, 1885.

(2) That the collection be listed with other collections in the Annual Register.

(3) That each volume be appropriately marked by a book plate as belonging to this collection.

(4) That any volume in the collection may be exchanged for other volumes if it should turn out that the University Library has duplicates, but in case of exchange, the volume received shall be marked in a similar manner as belonging to this collection.

Mr. P. L. Windsor, the University Librarian, recommends that the collection be accepted on these terms.

On motion of Mr. Carr, this collection was accepted on the terms indicated, and the hearty thanks of the board were extended to President James for the gift.

**PROMOTION OF PROF. W. A. OLDFATHER.**

(13) A recommendation that Dr. William A. Oldfather be promoted from the rank of Associate Professor of the Classics to that of Professor of the Classics.

On motion of Mrs. Evans, this recommendation was approved.

**PROMOTION OF PROF. J. D. FITZ-GERALD.**

(14) A recommendation that Dr. John D. Fitz-Gerald be promoted from the rank of Assistant Professor of the Romance Languages to that of Professor of Spanish.

On motion of Mr. Carr, this recommendation was approved.

**LEAVE OF ABSENCE FOR PROF. W. S. ROBERTSON.**

(15) A request from Assistant Prof. William S. Robertson of the Department of History for leave of absence during the academic year 1916-17 on half pay in accordance with the regulations of the University.

On motion of Mr. Hoit, this request was granted, on condition that suitable arrangements can be made for Prof. Robertson's work during his absence.

**ADVISORY COMMITTEE, SCHOOL OF PHARMACY.**

(16) A statement that the Illinois Pharmaceutical Association has nominated Mr. E. A. Sell, of Springfield, Mr. F. H. Kroh, of Anna, and Mr. F. M. Mares, of Chicago, for the vacancy caused by the expiration of the term of Mr. Fritz Lueder, of Peoria, as a member of the Advisory Board of the School of Pharmacy.

On motion of Mrs. Henrotin, Mr. E. A. Sell, of Springfield, was appointed a member of the Advisory Board of the School of Pharmacy, for the term of five years.

**APPROPRIATION BILL, 1915-17.**

(17) A certified copy of an act making appropriations for the University of Illinois, passed by the last General Assembly. This is the general act which gives the sum of five million dollars. I have not yet received the other acts; namely, the one appropriating the interest on the endowment fund of the University, and the other appropriating the various sums which may be paid into the State Treasury by the Federal Government for the use of the University of Illinois. They will be submitted when certified copies have been received.

This bill appropriates the sum of five million dollars with the provision that the payments are to be made from the proceeds of the mill tax.

There are still great differences of opinion as to whether the mill tax will produce for the biennium beginning July 1, 1915, the full sum of five million dollars. If it does not produce the amount, of course the University appropriation will be confined to the amount which is produced, and in the preparation of our budget we must keep that fact in mind.

**[AN ACT MAKING APPROPRIATIONS FOR THE UNIVERSITY OF ILLINOIS.]**

SECTION 1. *Be it enacted by the People of the State of Illinois, represented in the General Assembly:* That there be and is hereby appropriated to the University of Illinois for the biennium beginning July 1, 1915, the sum of five million dollars (\$5,000,000), payable out of moneys paid into the State Treasury and set apart as a fund for the use and maintenance of the University of Illinois, in accordance with an act entitled, "An Act to provide by State tax for a fund for the support and maintenance of the University of Illinois," approved June 20, 1911, in force July 1, 1911, payable as follows:

I. For purchase of lands, erection of buildings, equipment, reconstruction, repairs, and betterments (including chemical laboratory, addition to Commerce Building, School of Education Building, Woman's Residence Hall, Ceramics Building, addition to Transportation Building, Railway Electrical Laboratory, horticultural field house, addition to Natural History Building, addition to Mining Engineering Laboratory), nine hundred thousand dollars.. \$ 900,000

II. Expenses of administration offices (including Board of Trustees', President's office, Comptroller's office, Registrar's office, Council of Administration, University Senate, etc.,) one hundred and fifty-seven thousand dollars.....	\$ 157,000
III. Expenses of general departments (including Library Staff, Military, Physical Training, Supervision and Discipline, University exercises, publications, museums, etc.), two hundred and thirty thousand dollars .....	230,000
IV. Expense of instructional work in the various schools and colleges, (including purchase of apparatus, maps, charts, and books for the library), two million five hundred and sixty-three thousand dollars .....	2,563,000
V. Expense of Research and Scientific Departments (including the Agricultural and Engineering Experiment Stations), two hundred thousand dollars .....	200,000
VI. Expense, maintenance, and operation of physical plant, (including repairs, betterments, extensions, janitor service, care and policing of grounds, and operation of heating, lighting, and power plant), four hundred and fifty thousand dollars.....	450,000
VII. General and contingent fund to provide for increases of salary, additions to staff, emergencies, incidental and general purposes), five hundred thousand dollars .....	500,000
Grand total .....	\$5,000,000

SEC. 2. The appropriations made herein shall be paid only out of moneys paid into the State Treasury and set apart for the use and maintenance of the University of Illinois in accordance with the provisions of an act entitled, "An Act to provide by State tax for a fund for the support and maintenance of the University of Illinois," approved June 10, 1911, in force July 1, 1911.

The Auditor of Public Accounts is hereby authorized and directed to draw his warrants from time to time upon the State Treasurer for amounts expended for bills then due from the sums herein appropriated, payable severally to the persons named upon the presentation of itemized vouchers therefor, certified to by the President and Secretary of the Board of Trustees of the University of Illinois, with the corporate seal of the University attached thereto.

DAVID E. SHANAHAN,  
Speaker, House of Representatives.  
BARRATT O'HARA,  
President of the Senate.

Approved June 28, 1915.

Filed June 28, 1915.

LEWIS G. STEVENSON,  
Secretary of State.

E. F. DUNNE,  
Governor.

This statement was received for record.

#### RESOLUTIONS CONCERNING MUSIC BUILDING.

(18) The following statement and resolutions:

I have been requested by Capt. Thomas J. Smith, of Champaign, to suggest the passage of the following resolutions:

WHEREAS, Thomas J. Smith, of the city of Champaign, a former member of the Board of Trustees of the University of Illinois, on September 14, 1915, did convey to the Board of Trustees of the University of Illinois seven hundred and sixty-nine and nineteen one-hundredths acres of land lying within the county of Champaign and State of Illinois, with an estimated value of two hundred and fifteen thousand dollars, as a free and voluntary contribution to be used in the erection of a building on the Campus of the University of Illinois for the promotion of the musical interests of said University, which conveyance has been accepted for the purpose aforesaid, in pursuance of a contract made and entered into on said date by and between Thomas J. Smith and the Board of Trustees of the University; and

WHEREAS, The University of Illinois in and by the terms of the contract agreed with Thomas J. Smith that on the delivery of said conveyance to the Board of Trustees it would instruct its Supervising Architect to draw plans and specifications for a building for the promotion of the musical interests of the University at a cost of not less than two hundred and fifteen thousand dollars and that the Board of Trustees would cause to be erected on the Campus of the University such a building in accordance with such plans and specifications as soon as feasible.

THEREFORE, Be it ordered by the Board of Trustees of the University of Illinois, that the Supervising Architect be authorized and instructed to submit, as soon as convenient, to the Board of Trustees for its consideration, plans and specifications for such a building for the promotion of the musical interests of the University.

On motion of Mr. Small, this resolution was adopted.

#### EMPLOYEES PERMITTED TO ATTEND CLASSES.

(19) A recommendation from the Council of Administration concerning permission to employees of the University to attend classes as visitors:

June 30, 1915.

Dr. Edmund J. James, President.

DEAR MR. PRESIDENT: The Council of Administration at its meeting of June 29, 1915, voted to recommend to the Board of Trustees the adoption of the following recommendation:

"Permission to attend classes regularly as visitors only may be granted without fee to persons [other than registered students] in the [regular] employ of the University on the recommendation of the head of the department in which the employee is at work, with the consent of the instructor in the course, and with the approval of the Dean of the College in which the course is given."

The existing rules permit the granting of visitors' permits to registered students without fee, and to persons not connected with the University, on the payment of a fee of \$7.50 for each course to be visited. There has been no explicit regulation covering the case of members of the faculty and other employees. The foregoing regulation embodies, however, what has been the practise for many years. It should perhaps be pointed out that where a stenographer visits a course in English, or a herdsman visits a course in Animal Husbandry, or a member of the faculty visits some course given in his department or in an allied department, or a course in Foreign Language, it is usually done for the purpose of increasing the efficiency of the employee in the work which he is doing for the University, and that such visiting in proper cases is of advantage to the institution as well as to the individuals concerned.

Sincerely yours,

KENDRIC C. BABCOCK,  
*Secretary, Council of Administration.*

On motion of Mrs. Evans, this recommendation was concurred in.

#### LABORATORY FEES.

(20) A recommendation from the Council of Administration concerning certain changes in laboratory fees:

July 1, 1915.

*Dr. Edmund J. James, President.*

DEAR MR. PRESIDENT: The Council of Administration at its meeting of June 29, 1915, voted to recommend to the Board of Trustees the changes in laboratory fees which are mentioned in the enclosed list.

It will be noted that these changes are all slight as to amount and there are about as many proposed omissions and reductions as additions and increases. No change of principle or policy is involved, but merely small adjustments which changes in courses or the experience of the departments during the past year has shown to be desirable.

Very truly yours,

KENDRIC C. BABCOCK,  
*Secretary, Council of Administration.*

#### [LABORATORY FEES CHANGED OR DISCONTINUED.]

Architecture 6a, \$1.50, to be omitted, course discontinued.	Civil Engineering 13, \$1.50, to be discontinued.
Architecture 6b, \$1.50 to be omitted, course discontinued.	Civil Engineering 14, \$1.50, to be discontinued.
Architecture 10, \$1, to be omitted, course discontinued.	Civil Engineering 14a, 50 cents, to be discontinued.
Architecture 19a, \$1.50, to be omitted, course discontinued.	Civil Engineering 27, to be changed from \$1 to 75 cents.
Architecture 57, \$1, to be omitted, course discontinued.	Civil Engineering 28, to be changed from \$1 to 75 cents.
Architectural Engineering 31, to be omitted, course discontinued.	Civil Engineering 31, to be changed from \$1 to 75 cents.
Bacteriology 26, to be changed from \$5 to \$7.50.	Civil Engineering 32, to be changed from \$1 to 75 cents.
Bacteriology —, Special Problems, new course, \$5.	Civil Engineering 33, to be changed from \$1 to 75 cents.
Botany 7a, to be changed from \$3 to \$5.	Civil Engineering 34, to be changed from \$1 to 75 cents.
Botany 7b, to be changed from \$3 to \$5.	Civil Engineering 51, to be changed from \$1.50 to \$1.
Botany 10a, \$1, to be discontinued.	Civil Engineering 53, to be changed from \$1.50 to 75 cents.
Botany 10b, \$1, to be discontinued.	Civil Engineering 58, 50 cents, (new).
Botany 12, \$2, to be discontinued.	Civil Engineering 60, 50 cents, (new).
Botany 15a, 50 cents per hour, to be discontinued, see Botany 22a.	Civil Engineering 62, to be changed from \$1.50 to 75 cents.
Botany 15b, 50 cents per hour, to be discontinued, see Botany 22b.	Civil Engineering 76, 50 cents, (new).
Botany 22a, 50 cents per hour, substituted for Botany 15a.	Civil Engineering 79, \$1, (new).
Botany 22b, 50 cents per hour, substituted for Botany 15b.	Civil Engineering 82, 75 cents, (new).
Botany 106, to be changed from \$4 to \$6.	Civil Engineering 83, 75 cents, (new).
Botany 107, \$3, to be discontinued.	Civil Engineering 85, \$1, (new).
Chemistry 5d, \$10, (new).	Civil Engineering 88, 75 cents, (new).
Chemistry 16, to be changed from \$3 to \$5.	Civil Engineering 91, 75 cents, (new).
Chemistry 35, to be changed from \$10 to \$8.	Civil Engineering 92, 75 cents, (new).
Chemistry 66, to be changed from \$5 to \$3.	Civil Engineering 93, 50 cents, (new).
Chemistry 78, to be changed from \$3 to \$5.	Civil Engineering 96, (\$1), (new).
Chemistry 108, to be changed from \$3 to \$5.	Dairy Husbandry 1, \$4, to be discontinued.
Civil Engineering 51, \$1.50, to be discontinued.	Electrical Engineering 22, \$4, to be discontinued.
	Electrical Engineering 23, \$5, to be discontinued.
	Electrical Engineering 24, to be changed from \$5 to \$4.

Electrical Engineering 27, to be changed from \$5 to \$4.  
 Electrical Engineering 28, \$3, to be discontinued.  
 Electrical Engineering 29, \$4, to be discontinued.  
 Electrical Engineering 62, to be changed from \$4 to \$3.  
 Electrical Engineering 68, \$3, (new).  
 Electrical Engineering 75, \$4, (new).  
 Electrical Engineering 76, \$4, (new).  
 Mechanical Engineering 13, \$3, to be discontinued.  
 Mechanical Engineering 23, \$3, (new).  
 Mechanical Engineering 25, \$1, (new).  
 Mechanical Engineering 26, \$1.50, (new).  
 Mechanical Engineering 54, \$1, (new).

Mechanical Engineering 61, to be changed from \$3 to \$2.  
 Mechanical Engineering 62, \$3, (new).  
 Mechanical Engineering 67, \$1.50, to be discontinued.  
 Mining 19, \$2, (new).  
 Mining 66, \$3, (new).  
 Municipal and Sanitary Engineering 3, \$1, (new).  
 Physics 17, \$2, (new).  
 Physics 24, \$2, (new).  
 Railway Engineering 11, \$2, course discontinued.  
 T. & A. M. 5, \$2, to be discontinued.  
 T. & A. M. 15, to be changed from \$2 to \$1.  
 T. & A. M. 16, to be changed from \$2 to \$1.

On motion of Mr. Carr, the changes in fees embodied in this schedule were authorized.

#### ENTERTAINMENT OF VISITORS.

(21) Presentation of certain recommendations by the Council of Administration relating to the entertainment of visitors; namely,

(1) That a sum of money be set aside by the Board of Trustees in the budget annually for the entertainment of general University guests; that is, for people for whom the University may properly incur expense of appropriate entertainment.

(2) That this money be expended only on the written authority of the President of the University in the case of each guest.

(3) That a sum of money be set aside by the Board of Trustees for entertainment in the annual budget of each department, division, or college, whose work involves this class of expenditure, and for which such department, division, or college may properly incur the expense of appropriate entertainment.

(4) That when an individual or a group visits the University for the purpose of rendering a service of some kind to a particular department, division, or college of the University, or when guests in the categories mentioned in the footnote\* come to inspect a particular department, division, or college of the University, their expenses of entertainment, properly certified and approved by the head of such department, division, or college, be paid out of the fund allotted to such department, division, or college, for that purpose.

(5) That the University purchase an auto carriage for University use only, under the Supervising Architect, according to procedure approved by the Board of Trustees.

(6) No officer or employee of the University shall incur expense in the name of the University for lodging or meals of any visitor to the University without the written approval of the President of the University, or some general University officer designated by him.

No action was taken on this matter.

#### REGISTRATION OF DELINQUENTS FORBIDDEN.

(22) A recommendation of the Council of Administration concerning the collection of unpaid fees and charges:

June 19, 1915.

*Dr. Edmund J. James, President.*

DEAR MR. PRESIDENT: The Council of Administration at a special meeting held on June 19, 1915, voted to recommend to the Board of Trustees the adoption of the following regulation, having for its object to assist the business office in the collection of unpaid fees and charges:

"A student who is in debt to the University at the end of any semester shall not be permitted to register in the University again and shall not be entitled to receive an official statement of his credits from the Registrar until his indebtedness has been discharged."

Sincerely yours,

K. C. BABCOCK,  
*Secretary, Council of Administration.*

On motion of Mrs. Henrotin, this recommendation was approved.

#### D. C. GREENE COLLECTION.

(23) A statement from the University Librarian, Mr. Phineas L. Windsor, that Prof. Everts B. Greene has presented to the University Library two hundred and nineteen volumes of books and newspapers relating to Japan, which formed a part of the library of his father, Dr. D. C. Greene, long a resident of Japan.

\* 1. Representatives of institutions or scientific bodies who come as delegates to meetings of associations invited here by the University, either for its own purpose or for the promotion of some educational or scientific purpose in which the University is interested.

2. Persons who come without special invitation to learn from the University methods of improving public or private life or business in the lines in which they are occupied. This is a kind of extension work. It now includes farmers, business men, engineers, etc.

3. Persons who come to visit the University with official or semi-official authority to study or inspect the methods of the University, such as members of the Legislature, representatives of the Federal Government, and of foreign governments and institutions, delegates from civic or commercial organizations, etc.

On motion of Mr. Hoit, this gift was accepted, the collection to be known as the D. C. Greene Collection, and the President of the University was instructed to convey a formal expression of thanks, on behalf of the board, for the gift.

#### COURSE IN DENTISTRY EXTENDED.

(24) A recommendation that the University administration be authorized to announce that the course in Dentistry in the College of Dentistry will be extended from three years to four years, beginning with the autumn of 1917.

On motion of Mr. Carr, this recommendation was approved.

#### INVESTMENT OF THE BRYAN FUND.

(25) A recommendation from the Comptroller that the Bryan Fund, amounting to two hundred and fifty dollars, be regularly invested in some income-producing security.

On motion of Mrs. Evans, this recommendation was referred to the Finance Committee with power to act and to select a suitable investment, by the following vote: Ayes, Mr. Abbott, Mr. Carr, Mrs. Evans, Mrs. Herotin, Mr. Hoit, Mr. Small, Miss Watson; noes, none; absent, Mr. Blair, Mrs. Busey, Mr. Dunne, Mr. Trevett, Mr. Ward.

#### LAPSING OF STATE APPROPRIATIONS.

(26) A statement that according to the State Auditor the Attorney General had ruled that any portion of the four million, five hundred thousand dollars appropriated by the General Assembly for the use and maintenance of the University for the biennium beginning July 1, 1913, which had not been actually expended on June 30, 1915, had lapsed.

I submit the opinion of the Counsel of the University on this matter:

[Judge Harker's Opinion.]

July 9, 1915.

*President Edmund J. James, University of Illinois.*

DEAR SIR: I am informed by you and the Assistant Comptroller that the Attorney General of the State has rendered an opinion to the effect that that part of the \$4,500,000 appropriation made by the General Assembly for the use and maintenance of the University for the biennium beginning July 1, 1913, not expended by the first of the present month, has lapsed. You request my opinion upon this question.

I am sorry that I have not a copy of the Attorney General's opinion. I should like to have that in order to see his views concerning the application of the decision of our Supreme Court in the cases I will cite.

Section 18 of article 4 of the State Constitution contains the following provisions: "Each General Assembly shall provide for all appropriations necessary for the ordinary and contingent expenses of the government until the expiration of the first fiscal quarter after the adjournment of the next regular session: \* \* \* and all appropriations general or special, requiring money to be paid out of the State Treasury from funds belonging to the State, shall end with such fiscal quarter." A construction of this provision, so far as it relates to the lapsing of unappropriated funds, came before the Supreme Court in *The People ex rel. v. Lippincott, State Auditor*, 64 Ill., 256. That was an original case by mandamus to compel the State Auditor to issue his warrant upon the State Treasury for the price of printed volumes of reports of the Supreme Court. The statute in force at that time required the reporter to publish and deliver to the Secretary of State a certain number of reports and authorized him to receive his compensation thereof by a warrant drawn upon the Treasury. The Auditor refused to issue the warrant upon the ground that the fiscal quarter within which the warrant should be issued had expired, and the real question, therefore, was—when did the fiscal quarter expire?

The Supreme Court held that under a proper construction of the Constitution, the time intended to be fixed when all old or standing appropriations should cease was at the end of the fiscal quarter after the adjournment of the second regular session of the General Assembly held after the adoption of the Constitution. The writ was awarded. That holding was followed in *People v. Lippincott, State Auditor*, 72 Ill., 578, and the case of *People v. Needles, Auditor*, 96 Ill., 575. In the last mentioned case, it was held that the end of the fiscal quarter was the 30th of September.

The last expression of the Supreme Court upon the question is to be found in the case of *The People v. Swigert et al.*, 107 Ill., 500. That was an application for a peremptory writ of mandamus in the Supreme Court brought by the captain of a militia company against the Auditor and the Treasurer to compel the issuing and payment of a warrant for \$579.24. Although the mandamus was denied in that case, the Supreme Court approved its previous holding and used the following language: "By a well settled construction of this provision of the Constitution, all appropriations, whether general or special, when otherwise unlimited, will continue in force and be available for the purpose for which they were made until the expiration of the first fiscal quarter after the adjournment of the next regular session of the Legislature, at which time all appropriations must lapse, and cease to be of any validity."

Although I have not the opinion of the Attorney General, I surmise that he bases his conclusion upon the words appearing in the University appropriation act of June 24, 1913, which reads as follows: "That there be and is hereby appro-



prorated to the University of Illinois for the biennium beginning July 1, 1913," etc. I confess that I am unable to see how the language employed is sufficient to justify an opinion that the authorities cited do not apply. When the Legislature passed the appropriation act of 1913, they did so in view of the decision of the Supreme Court that appropriations for State institutions would not lapse until the end of the first fiscal quarter succeeding the next General Assembly, to wit, September 30, 1915. It is hardly conceivable that they would make an appropriation of \$1,300,000 for the purchase of land and construction of buildings with the idea that if the buildings were not completed by the 1st of July, 1915, such portion as had not already been expended should lapse. Until I receive further light upon the question, I am constrained to the view that none of the appropriation of 1913 can be considered as lapsing until the 30th of the next September.

Sincerely yours,

O. A. HARKER.

Since receiving the statement, which, if acted upon in the strict sense, would have cost the University about \$100,000, I have received assurance from the State Auditor's office that vouchers covering services actually rendered and material actually furnished before June 30, 1915, would be honored.

This statement was received for record.

#### BUILDING PLANS.

(27) A report of the Supervising Architect on the condition of the building projects:

July 12, 1915.

*President E. J. James, University of Illinois.*

DEAR SIR: I desire to submit a brief report on the progress which I am making with the plans for prospective buildings.

I am still at work on the detail drawings for the Vivarium and the Ceramics Building. The Vivarium foundation is up to grade and the Ceramics excavation is under way. Plans for the Women's Residence Hall are progressing satisfactorily and revised studies have been made for the Education Building on the basis of a rather different program than that submitted by the Department of Education two years ago. This has involved an entire restudy of the plan as well as the exterior so that I have not been able to make as rapid progress as I had anticipated, but I am convinced that the results are going to justify the action of the board at its last meeting in rejecting the design upon which bids had been received.

The large amount of detail work connected with the furniture for the Chemical Laboratory has made it impossible to make any further studies for either the Smith Memorial Building or the Library, but work will begin at once upon a model of the Music School at the same scale as the buildings in the model now on exhibition at San Francisco. I believe that we can study the effect of the grouping of the buildings around the Auditorium with very much more certainty in model form than from our drawings.

I am planning to start work in about two weeks upon the addition to the Transportation Building, and upon the addition to the Natural History Building. The proposed assignment of space in the Transportation Building assigns the first and second floors of the addition to the Department of Mechanical Engineering and Machine Design, and the upper floor to General Engineering Drawing. This will free space in the Engineering Building greatly needed for the Department of Architecture. The assignment of space in the Natural History Building addition provides that botany shall occupy the basement and the next two floors and that the top floor shall be utilized as an addition to the museum. I trust that construction work on these two additions and upon the Residence Hall and School of Education Building may be started this fall.

Yours truly,

JAMES M. WHITE, *Supervising Architect.*

This statement was received for record.

#### OFFERS TO SELL REAL ESTATE.

(28) Certain offers to sell real estate to the University.

(1) An offer from A. H. Havard to sell his residence property, located at 1207 Stoughton Street, Urbana, for the sum of four thousand dollars.

(2) An offer from Schaefer and Dolan to sell for a reasonable consideration lots 1, 2, and 3 of the Joseph Nelson Addition to Urbana, being the three lots just east of and in the same block with the University Wood Shop Building.

No action was taken, but the general sentiment of the board seemed to be that no land should be purchased during the present biennium except that which was absolutely necessary for buildings or for carrying out other necessary plans of the University.

#### CLINICAL BUILDING.

(29) A recommendation that the University acquire a site for a Clinical Building for the use of the College of Medicine and proceed to the erection of such a building as soon as possible.

On motion of Miss Watson, this recommendation was approved, and the Committee on Buildings and Grounds was requested to canvass suitable sites and make a recommendation upon the same.

#### PURCHASE OF ROLAND PROPERTY.

(30) A recommendation that the University foreclose its option on the Roland property, now leased by the University [see page 240], and described as follows: Thirty-two and one-half (22½) acres, more or less, situated in William Williamson's Subdivision of the west half (W. ½) of the southwest quarter (SW. ¼),

of section eighteen (18), township nineteen (19) north, range nine (9) east of the Third Principal Meridian, Champaign County, Illinois, and more particularly described as follows: The south five (5) acres of lot nine (9); lot eleven (11), containing six and sixty-two one-hundredths (6.62) acres, more or less; lot twelve (12), containing seventeen (17) acres, more or less; the south part of lot ten (10), containing three and seventy-three one-hundredths (3.73) acres, more or less, namely, that portion of lot ten (10) lying and being directly west of and joining the south five (5) acres of lot nine (9), so that the north line of the said south five (5) acres of lot nine (9) shall continue and be extended through the said lot ten (10) to First Street, and constitute and be the north line of said tract herein conveyed.

On motion of Mr. Carr, this recommendation was approved and the Comptroller of the University was authorized to proceed to the acquisition of this property and the payment of the amount of fifty thousand dollars, by the following vote: Ayes, Mr. Abbott, Mr. Carr, Mrs. Evans, Mrs. Henrotin, Mr. Hoit, Mr. Small, Miss Watson; noes, none; absent, Mr. Blair, Mrs. Busey, Mr. Dunne, Mr. Trevett, Mr. Ward.

#### AUTHORITY TO DELEGATE SIGNING OF WARRANTS.

(31) A request from the Comptroller that he be designated instead of Mr. Lloyd Morey, Auditor, to sign the names of the President and Secretary of the board to vouchers drawn against the Auditor of Public Accounts.

On motion of Mr. Hoit, Mr. W. L. Abbott, President, and Mr. H. E. Cunningham, Secretary of the board, were authorized to delegate to Mr. W. B. Castenholz, Comptroller, authority to sign their names as President and Secretary, respectively, to vouchers drawn against the Auditor of Public Accounts. This is in addition to the authority to delegate such signing to Mr. L. E. Knorr, Assistant Comptroller (page 222).

#### EXPERIMENT FIELD IN SPARTA.

(32) A letter from Prof. C. G. Hopkins recommending the acceptance of a deed for twenty acres of land for use as an experiment field, adjoining the grounds of the township high school located near the city of Sparta:

July 13, 1915.

*President E. J. James, University of Illinois.*

MY DEAR PRESIDENT JAMES: In the absence of Director Davenport, I am transmitting directly to you the enclosed deed, transferring twenty acres of land from Thomas G. Dean to the Board of Trustees of the University of Illinois, and I beg to recommend that this be accepted for use as an experiment field. I may state that this land has been carefully examined by Prof. Mosier and myself, and we are agreed that it is suitable and especially well located for the purpose. It adjoins the grounds of the township high school, and is within easy walking distance of the railroad station at Sparta. It is representative of an important type of soil upon which we have no soil experiment field. The question of establishing a field on this land was submitted to our State Advisory Committee on Soil Investigations at their last meeting, and the committee approves of this location. I may add that we are already operating an experiment field on rented land, for which we pay an annual rental, on the farm of W. E. Braden, about seven miles from Sparta, and about five miles from Cutler, the nearest railroad station, and it is our opinion that, after the experiment field is established at Sparta and operated for a sufficient length of time to show instructive results, we should discontinue the operation of the rented field above referred to. I have consulted with Director Davenport regarding this matter, and he approves of this plan.

I am hopeful that final action may be taken regarding the acceptance of this field at an early date, because, if we are to operate the field next year, we should begin our preparation this month or early next month, in order to have the land in proper condition for seeding certain crops this fall.

From the attached letter, you will note that the taxes, which have been levied against the land for the current year, will be paid by the local people.

With deep respect, I am,

Very truly yours,

CYRIL G. HOPKINS.

On motion of Mr. Small, the recommendation of Prof. Hopkins was approved.

#### RETIRING ALLOWANCE FOR PROF. McINTOSH.

(33) A recommendation that Prof. Donald McIntosh, for thirty years Professor of Veterinary Science in the University, be retired, and that a retiring allowance of \$1,650 a year be granted to him.

On motion of Mr. Carr, this recommendation was approved, by the following vote: Ayes, Mr. Abbott, Mr. Carr, Mrs. Evans, Mrs. Henrotin, Mr. Hoit, Mr. Small, Miss Watson; noes, none; absent, Mr. Blair, Mrs. Busey, Mr. Dunne, Mr. Trevett, Mr. Ward.

#### PROVISIONAL EXPENSE BUDGET.

(34) A recommendation that appropriations be made for three months beginning July 1, 1915, or until a new budget shall have been submitted and approved, on the basis of the appropriation made in the budget for 1914-15, subject to the approval of the President of the University.

On motion of Mr. Hoit, this recommendation was approved, by the following vote: Ayes, Mr. Abbott, Mr. Carr, Mrs. Evans, Mrs. Henrotin, Mr. Hoit, Mr. Small, Miss Watson; noes, none; absent, Mr. Blair, Mrs. Busey, Mr. Dunne, Mr. Trevett, Mr. Ward.

#### INTEREST ON DAILY BALANCES, 1913-15.

Mr. Hoit brought up the recommendation of the Finance Committee made on April 9, 1915, and presented to the board on April 27, 1915 (see minutes, April 27, page 235), concerning the rate of interest to be paid by Treasurer M. W. Busey on daily balances.

On motion of Mr. Carr, the recommendation of the Finance Committee was not concurred in, and the Comptroller was instructed to collect interest from Mr. Busey at the rate of two per cent per annum, on average daily balances, according to the agreement with Mr. Busey at the time of his election (see Report, University of Illinois, 1914, page 206).

#### TREASURER'S ALLOWANCE FOR CLERK HIRE DISCONTINUED.

Mr. Hoit presented for the Finance Committee a request from Treasurer Hazen S. Capron for an allowance of fifty dollars a month for clerk-hire.

On motion of Mrs. Henrotin, the practise of allowing the Treasurer this sum was discontinued as of April 30, 1915, in accordance with the right reserved by unanimous vote of the board at the time of the Treasurer's election (see page 219).

#### TREASURER'S REPORT.

Mr. Hoit also presented for the Finance Committee the report of Treasurer H. S. Capron for the two months ending June 30, 1915. This report was received for record:

HAZEN S. CAPRON, TREASURER, IN ACCOUNT WITH THE UNIVERSITY OF ILLINOIS FOR THE QUARTER ENDED JUNE 30, 1915.

##### SUMMARY.

	Balance May 1.	Deposits May 1, to June 30.	Warrants paid May 1. to June 30.	Balance June 30.
General fund.....	\$274,884 74	\$57,979 99	\$115,390 92	\$217,473 81
United States Agricultural Experiment Station Fund.....	10,607 84	77 30	6,432 52	4,252 62
College of Medicine Fund.....	133 75			133 75
Smith-Lever Fund.....		10,000 00	6,731 09	3,268 91
Trusts fund.....	9,205 62	2,178 99	3,298 86	8,085 75
Total.....	\$294,831 95	\$70,236 28	\$131,853 39	\$233,214 64

##### DEPOSITS.

	May 1, to 31.	June 1, to 30.	Total.
General fund .....	\$24,488 97	\$33,491 02	\$57,979 99
United States Agricultural Experiment Station Fund.....		77 30	77 30
Smith-Lever Fund.....	10,000 00		10,000 00
Trusts fund.....	918 17	1,260 82	2,178 00
Total.....	\$35,407 14	\$34,829 14	\$70,236 28

##### WARRANTS PAID.

	May 1, to 31.	June 1, to 30.	Total.
General fund.....	\$54,053 45	\$61,337 47	\$115,390 92
United States Agricultural Experiment Station Fund..	3,495 45	2,937 07	6,432 52
Smith-Lever Fund.....	4,378 63	2,352 46	6,731 09
Trusts fund.....	1,741 30	1,557 56	3,298 86
Total.....	\$63,668 83	\$68,184 56	\$131,853 39

### APPOINTMENTS TO COMMITTEES.

President Abbott announced the appointment of Mr. Small as chairman of the Committee on Agriculture and member of the Finance Committee, in place of Mr. Hopkins.

### STATE TREASURER ASKED TO CREDIT INTEREST.

President James brought up the question of the propriety of asking the State Treasurer to credit interest at two per cent on the average daily balances of the mill-tax fund in his hands.

On motion of Mr. Hoit, the Legal Counsel was instructed to request the State Treasurer to credit to the mill-tax fund the interest derived from the fund.

### APPOINTMENTS MADE BY THE PRESIDENT OF THE UNIVERSITY.

The Secretary presented for record the following list of appointments made by President James:

Callen, A. C., Assistant in the Department of Mining Engineering for a period not to exceed six weeks, with a remuneration at the rate of one hundred dollars (\$100) a month and an allowance for expenses not to exceed one hundred dollars (\$100) a month, beginning July 1, 1915. (July 6, 1915.)\*

Gaffney, Carl, Technician in the Department of Experimental Medicine, beginning July 1, 1915, and continuing until October 1, 1915, with a salary at the rate of seventy dollars (\$70) a month. (June 24, 1915.)

Glimstedt, O. H., a member of the Staff of the Summer Session, in the Department of Physical Training for Men, with a remuneration of one hundred fifty dollars (\$150) for the session. (July 12, 1915.)

Hirsch, Ralph K., Special Investigator of Problems connected with Gypsum Products, in the Department of Ceramics, for the month of July, 1915, at a salary of one hundred dollars (\$100) for the month. (June 29, 1915.)

Kirkpatrick, Frank A., Research Fellow in the Engineering Experiment Station, for two years beginning September 1, 1915, with a stipendium of five hundred dollars (\$500) a year. (June 19, 1915.)

Krejci, E. J., Instructor in Operative and Prosthetic Dentistry, for one year beginning July 1, 1915, or as soon thereafter as he may report for duty, at a salary of one hundred dollars (\$100) a month. (July 6, 1915.)

McComis, S. J., Stipendiary in Education for the academic year 1915-16, with a stipendium of one hundred dollars (\$100) for the year. (July 7, 1915.)

Sarton, George A. L., Lecturer on the History of Science in the Summer Session, beginning June 28, 1915, and continuing until August 13, 1915, with a remuneration of four hundred dollars (\$400) for the period. (June 29, 1915.)

Schute, T. H., Stipendiary in Education for the academic year 1915-16, with a stipendium of one hundred dollars (\$100) for the year. (July 7, 1915.)

Smith, Constance B., Dean of Women for the Summer Session of 1915, with a remuneration of one hundred dollars (\$100) for the service. (July 6, 1915.)

Spindler, George W., Teaching Fellow in the Department of Germanic Languages, for the academic year 1915-16, with a stipendium of five hundred dollars (\$500) for the year. (July 7, 1915.)

Tanabe, Stefan F., Research Fellow in the Engineering Experiment Station, for two years beginning September 1, 1915, with a stipendium of five hundred dollars (\$500) a year. (June 19, 1915.)

True, Leighton J., Assistant in Dairy Manufactures in the College of Agriculture and the Agricultural Experiment Station, for one year beginning September 1, 1915, at a salary of one thousand dollars (\$1,000) a year. (July 1, 1915.)

Whitson, Anna V., University Secretary in the Office of the President, at a salary of seventy-five dollars (\$75) a month, beginning July 1, 1915, and continuing until further notice, subject to the rules of the Civil Service Commission. (June 29, 1915.)

Williams, Arthur E., Special Investigator of Problems connected with Glass, in the Department of Ceramics, for the months of July and August, 1915, at a salary of one hundred dollars (\$100) a month. (June 29, 1915.)

Young, E. G., Research Fellow in the Engineering Experiment Station to conduct special scientific work in the Department of Railway Engineering during the months of July and August, 1915, at a salary of sixty-five dollars (\$65) a month. (July 1, 1915.)

On motion of Mrs. Henrotin, the board adjourned.

W. L. ABBOTT, *President*.

H. E. CUNNINGHAM, *Secretary*.

\* The date in parenthesis is the date on which the appointment was made by the President of the University.

## MEETING OF AUGUST 4, 1915.

A special meeting of the Boards of Trustees of the University of Illinois was held at the Blackstone Hotel, in the city of Chicago, at 12.00 m., on Wednesday, August 4, 1915, pursuant to the following notice which was sent out by the Secretary on July 27, 1915:

On the call of the President, Mr. W. L. Abbott, there will be a special meeting of the Board of Trustees of the University of Illinois, at the Blackstone Hotel, in Chicago, on Wednesday, August 4, 1915, beginning at 12 o'clock noon, to consider such matters as the committees of the board and the President of the University shall submit, and such other matters as may be duly presented.

The following members were present: President Abbott, Mr. Carr, Mrs. Evans, Mrs. Henrotin, Mr. Hoit, Mr. Ward, Miss Watson.

President James was present.

### MATTERS PRESENTED BY THE PRESIDENT OF THE UNIVERSITY.

The regular order of business was suspended and the board proceeded immediately to the consideration of the following matters submitted by President James:

#### INVESTMENT OF PLYM FELLOWSHIP STIPEND.

(1) A letter from Mr. Francis J. Plym in the matter of the funds now on deposit in the University Treasury to the credit of the Francis J. Plym Fellowship in Architecture:

NILES, MICH., July 28, 1915.

*Dr. Edmund J. James, President, University of Illinois, Urbana, Ill.*

MY DEAR DR. JAMES: Replying to your letter of July 12, which was received during my absence, I hardly think it would be necessary for you to return the funds which I now have on deposit for the University. I do believe, however, that this money should be doing some work.

In other words, I think it should be earning some interest and that this interest should be used by the Architectural Department in making some small prizes that might be used in furthering the work of the department. That would please me more than anything else.

During the year, possibly \$5, \$10, or \$20 prizes for certain small designs would add a good deal of stimulation to the students in the department and I am exceedingly anxious to advance the interests of the Architectural Department.

Yours respectfully,

FRANCIS J. PLYM.

There is on deposit now in the University Treasury the sum of \$2,000 which Mr. Plym has paid in for this fellowship, \$1,000 for the present year, and \$1,000 for the coming year. In both cases, owing to the war conditions in Europe, it has seemed wise to the department not to encourage any student to take advantage of this fellowship.

On motion of Mr. Carr, the President of the board was requested to invest the Plym Fellowship funds temporarily, the income to be used in providing prizes in architecture subject to the approval of the President of the University, by the following vote: Ayes, Mr. Abbott, Mr. Carr, Mrs. Evans, Mrs. Henrotin, Mr. Hoit, Mr. Ward, Miss Watson; noes, none; absent, Mr. Blair, Mrs. Busey, Mr. Dunne, Mr. Small, Mr. Trevett.

#### PAYMENT OF INTEREST, 1913-15.

(2) A letter from the Comptroller in the matter of the sum due from Mr. Busey for interest on University balances:

July 29, 1915.

*President Edmund J. James, University of Illinois.*

DEAR SIR: I am this day in receipt of a check from Mr. Busey for \$11,929.91, being the interest at two per cent due the University of Illinois on the average daily balances from April 7, 1913, to April 29, 1915. I shall acknowledge receipt of this check to Mr. Busey as part payment on an entire charge that we have against Mr. Busey, amounting to \$12,108.36, composed of the \$11,929.91 above mentioned and \$178.95 which is interest on the said \$11,929.91 for three months from April 29 to July 29, 1915, at the rate of six per cent.

Yours truly,

W. B. CASTENHOLZ, *Comptroller.*

On motion of Mr. Carr, the payment of \$11,929.91 was accepted in full discharge of the obligation of Mr. Busey in this matter.

#### **BILL OF STATE ARCHITECT FOR EDUCATION BUILDING.**

(3) A bill from Mr. James B. Dibelka, State Architect, for \$860.82, on account of expenses incurred in the preparation of the plans for the Education Building, same being part payment of two and one-half per cent on the contract price allowed by statute.

On motion of Mr. Hoit, this bill was ordered paid, by the following vote: Ayes, Mr. Abbott, Mr. Carr, Mrs. Evans, Mrs. Henrotin, Mr. Hoit, Mr. Ward, Miss Watson; noes, none; absent, Mr. Blair, Mrs. Busey, Mr. Dunne, Mr. Small, Mr. Trevett.

#### **COMMUNICATION FROM DR. P. S. BARTO.**

(4) A communication from Dr. P. S. Barto to the President of the University.

On motion of Mrs. Henrotin this communication was referred to the Executive Committee for consideration.

#### **STRIKE ON CHEMISTRY BUILDING.**

(5) The following statement:

On July 19, 1915, certain union plumbers employed by the plumbing contractors, the Carson-Payson Company, on the addition to the Chemistry Building, walked out of the building on the ground that nonunion steamfitters were employed upon the job. Shortly after, Mr. F. J. Kennedy, National organizer of the Plumbers and Steamfitters Union, arrived to conduct the strike and stated that they proposed to involve the building in a general strike unless the nonunion steamfitters left the building and union steamfitters took their place. On July 22 the carpenters and electricians were called out of the building by the National officers of their respective organizations. An attempt was made to satisfy the unions but it was unsuccessful.

Mr. Frank J. Kennedy, General Organizer of the United Association of Plumbers and Steam Fitters of the United States and Canada, Mr. Olander, and Mr. John Fitzpatrick, President of the Chicago Federation of Labor, were present and addressed the board.

After full discussion, on motion of Mrs. Henrotin this matter was referred to a special committee to be named by President Abbott,\* with power to act.

#### **BUDGET, 1915-16.**

(6) The Budget of the University for the year beginning July 1, 1915, introduced by the following statement:

The total estimated income for the year is \$3,061,377.80; estimated expenditure, \$3,058,634.74, leaving a balance of \$2,743.06. Special attention should be called to the fact that the estimated income from the mill tax was based upon the estimate provided by the State Auditor, and that it will be less than one-half of the five million dollars appropriated by the Legislature to the University for the biennium; the total receipts being estimated at \$2,332,958.51, a sum less than half of the total appropriation by \$167,041.49. The balance from the tax levies of 1912 and 1913 in the Treasury of the State to the credit of the Mill Tax Fund, but unappropriated on June 30, 1915, was \$91,912.44, which added to the estimated proceeds from the 1914 levy would make a total of \$2,424,870.95 as the total estimated income of the University from the Mill Tax Fund available for the fiscal year beginning July 1, 1915.

The budget submitted includes in its land purchase and building scheme only the land already purchased and the buildings already contracted for, the sum necessary to meet these expenditures being \$469,647.

The sum indicated as income; namely, \$3,061,377.80, is the total sum available from the income of the present fiscal year for the expenses within that year, including the balance in the hands of the Treasurer of the University and in the State Treasury from the preceding year's operations on July 1, 1915.

If the board, therefore, should authorize any additional expenditures beyond those indicated in the present budget, it would be necessary either:

(1) To defer the payment of the bills rendered for such expenditure until after July 30, 1916, or,

(2) In order to pay these bills to borrow money at the bank to anticipate the revenue of the coming fiscal year, a device common to many State departments, or,

(3) Draw on any unused balances in the items allowed for in this budget, or,

(4) Draw on the income from the 1915 tax levy which begins to accumulate in the State Treasury from April 1, 1916.

The Board of Trustees is between Scylla and Charybdis in the conduct of its financial affairs, owing to the impossibility of adjusting its expenditures exactly to its income or adapting the income exactly to the expenditure.

If the board appropriates, for instance, the sum of \$250,000 for a building, makes a contract for the erection of the building, and locks up the fund until the building is finished, things will come out even only if the building is completed within the time planned. If, owing to any accident, strikes, or difficulty in getting

\* President Abbott later appointed the following committee: Mr. Ward, Mr. Carr, Mr. Hoit, and Mr. Abbott.

materials, or difficulty of agreeing upon details in the building, the time for the completion of the building is postponed beyond the end of the biennium, the sum set apart for the erection of the building still in the State Treasury would lapse under the interpretation which the State Auditor has given us as to the term for which the University appropriation has been made.

Again the board, if it approves this budget, will authorize the expenditure of \$50,000 in the purchase of books. Many of these books are not immediately obtainable, and even if the order were already placed it may not be possible to have them on the shelves within the fiscal year, and some of them, especially the rate books, might not be in our possession until after the close of the biennium. If the board attempts to reserve a fund in the State Treasury to meet the payment for the books when they arrive, its purpose will be thwarted by the fact that the fund lapses under the interpretation above named. This is also true of the apparatus and equipment of various kinds which require a long time for manufacture or preparation.

As a result, if the board is to expend all its revenue wisely, it must authorize a larger expenditure than the sum at its disposal for the given year. There is always a chance, of course, in this process of adjustment that for a time the expenditures authorized will exceed the available income and authorities are not altogether agreed as to the best method of financing such a situation. Some of the other universities, like most towns and cities, in their authorization of expenditures habitually exceed the sums available and provide for adjustment if necessary by borrowing money to anticipate the revenue of the succeeding year.

The appropriation bill provides for five million dollars for the biennium and does not divide it into annual installments. Consequently all the money which is in the State Treasury to the credit of this fund is available at any time for proper expenditures to be charged to this fund up to the limit of the appropriation.

By the last of May or 1st of June, 1916, there will be a very considerable sum in the Treasury available under the terms of the bill for University purposes, out of the levy of 1915. It is perfectly proper, in my opinion, for the board to draw upon this fund to meet current bills, and thus anticipate the revenue for the next year.

On the other hand, there is, of course, a certain risk involved in this policy. If the State Auditor should rule that the funds available for any given year are only those which proceed from a corresponding tax levy, there would be a distinct deficit in the financial obligations of the University for the present year in case any expenditures are authorized above those provided for in this budget.

If the board, then, should construct other buildings than those here provided for; namely, those for which contracts have been already signed, or purchase any more land than that already purchased, it would face a distinct deficit in case any such ruling should be made.

On the other hand, if it does not take this risk it is running what is, to my mind, an even more serious risk of finding at the end of the second year that certain funds still in the State Treasury unexpended will be declared lapsed under the ruling of the Auditor as already given.

I should, therefore, advise the board to proceed with the preparation of plans for the erection of the buildings given in the supplementary list; namely:

(1) The Woman's Residence Hall.....	\$110,000
(2) The School of Education Building.....	140,000
(3) The Smith Music Building.....	215,000
(4) Addition to Natural History Building.....	75,000
(5) Addition to Transportation Building.....	30,000
(6) Agricultural Buildings.....	76,000
(7) Medicine and Pharmacy.....	100,000

Total ..... \$746,000

Of this sum total, I should think one-third might be met out of the revenue of the second year of the biennium. The other two-thirds would have to be carried over into the first year of the following biennium, July 1, 1917-June 30, 1919.

It is to be noted, also, that great care must be exercised in assigning the expenditures authorized by the Board to the various State and Federal funds, in order to forestall serious complications arising from the too early or too late exhaustion of such funds. This is specifically the duty of the Comptroller. Prof. Shattuck handled this most admirably. I did it the best I could the past year, during the confusion incident to change of Comptrollers. I trust the new Comptroller will soon be able to do this work, himself.

## PART I. EXPENSE BUDGET.

### SUMMARY.

A. Total estimated income.....	\$3,061,377 80
B. Total estimated expenditure.....	3,059,734 74
Balance .....	\$1,643 06

### INCOME.

#### I. Federal Sources.

1. Endowment fund .....	\$32,400 00
2. Morrill Fund .....	25,000 00
3. Nelson Fund .....	25,000 00
4. Hatch Fund .....	15,000 00
5. Adams Fund .....	15,000 00
6. Smith-Lever Fund .....	36,282 00

Total, Federal sources..... \$148,682 00

## INCOME—Concluded.

<b>II. State Appropriations of Receipts from the Mill Tax.*</b>		
7. Land, buildings, equipment, repairs.....	\$ 436,500 00	
8. Administrative offices .....	76,145 00	
9. General departments .....	111,550 00	
10. Instruction, books, etc. ....	1,243,055 00	
11. Research and Scientific Departments.....	97,000 00	
12. Operation and maintenance of physical plant.	218,250 00	
13. General and contingent.....	242,370 95	
Total, from State mill tax receipts.....		\$2,424,870 95
<b>III. Interest on Daily Bank Balances.</b>		
14. Interest .....		4,500 00
<b>IV. Departmental Sales.</b>		
15. College of Agriculture and Experiment Station—		
a. College—		
(1) Agronomy .....	\$ 950 00	
(2) Animal Husbandry....	8,000 00	
(3) Dairy Husbandry....	48,700 00	
(4) Horticulture .....	650 00	
(5) Household Science....	14,400 00	
Total sales, college.....		\$72,700 00
b. Station—		
(1) Agronomy .....	\$10,800 00	
(2) Animal Husbandry....	10,600 00	
(3) Dairy Husbandry....	8,000 00	
(4) Horticulture .....	1,800 00	
Total sales, station.....		31,200 00
Total sales, college and Station .....		\$103,900 00
16. College of Engineering and Engineering Experiment Station .....	2,800 00	
17. Physical plant .....	10,000 00	
18. College of Medicine (dispensary, drug room, etc.) .....	1,000 00	
19. College of Dentistry (infirmary, etc.).....	6,000 00	
20. Miscellaneous—		
a. Blueprinting and photography \$	900 00	
b. Library fines.....	200 00	
c. Orchestral concerts.....	4,000 00	
d. <i>Journal of English and Germanic Philology</i> .....	750 00	
Total, miscellaneous.....		5,850 00
Total, departmental sales.....		129,550 00
<b>V. Student Fees.</b>		
21. Urbana departments .....	\$170,000 00	
22. Medicine .....	34,000 00	
23. Dentistry .....	15,000 00	
24. Pharmacy .....	14,300 00	
Total, student fees.....		233,300 00
<b>VI. Balance, July 1, 1915.</b>		
25. Restricted as to use—		
a. State appropriations of 1912—		
13 .....	\$15,042 13	
b. Trust funds .....	7,938 43	
c. Land, buildings, and equipment, 1914-15 .....	20,407 51	
d. United States Agricultural Experiment Station.....	647 09	
Total, restricted as to use.....		\$44,035 16
26. Available for any purpose.....		84,378 12
Deduct: Balance available for trust fund purposes only .....		7,938 43
Total, balance .....		120,474 85
Grand total, income.....		\$3,061,377 80

\* NOTE.—Of \$5,000,000 appropriated by the Forty-ninth General Assembly to the University of Illinois for the biennium 1915-17 out of the receipts from the mill tax levies of 1914 and 1915, it appears probable that only \$2,424,870.95 will be realized from the levy of 1914 and the balance on hand July 1, 1915, from the levies of 1912 and 1913. As this sum is only 48½ per cent of the \$5,000,000 appro-



prorated for the biennium, the sums included in items 7 to 13 *supra* represent each 48½ per cent of the respective amounts appropriated to the University for these purposes for the biennium.

The sum of \$2,424,870.95 is determined as follows:

Equalized value of all property in Illinois for the year 1914. (Report of State Auditor Dec. 1, 1914, p. 416).....	\$2,455,745,799 00
Amount of 1914 levy on account of the University mill tax.....	2,455,745 80
Less 5 per cent for abatements in collection.....	122,787 29

Estimated receipts from 1914 levy.....	\$2,332,958 51
Balance from 1912 and 1913 tax levies.....	91,912 44

Total estimated income of University from mill tax fund available for the fiscal year beginning July 1, 1915.....	\$2,424,870 95
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## EXPENDITURES.

## SUMMARY OF EXPENDITURES.

	Salaries.	Expense and equipment.	Total.
1. and 2. Land and buildings.....	\$469,647 00		\$469,647 00
3. and 4. Physical plant extension and building betterments .....		30,000 00	30,000 00
5. Physical plant operation and main- tenance .....		215,000 00	215,000 00
6. Library additions .....		50,000 00	50,000 00
7. Administrative offices .....	\$ 51,900 00	26,800 00	78,700 00
8. General departments .....	112,054 00	31,606 75	143,660 75
9. Publications and general expenses..		113,350 00	113,350 00
10. College of Liberal Arts and Sciences	405,090 00	83,975 00	489,065 00
11. Engineering College and Experi- ment Station .....	259,460 00	92,000 00	351,460 00
12. Agricultural College and Experi- ment Station .....	311,175 00	393,481 99	704,656 99
13. Colleges of Medicine and Dentistry		*	200,000 00
14. Graduate School .....	32,410 00	24,400 00	56,810 00
15. College of Commerce.....	40,100 00	6,455 00	46,555 00
16. School of Pharmacy.....	10,740 00	13,580 00	24,320 00
17. Other colleges and departments—			
College of Law.....	24,100 00	8,300 00	32,400 00
School of Library Science.....	8,475 00	1,175 00	9,650 00
School of Music.....	17,600 00	1,860 00	19,460 00
Summer Session .....	22,500 00	2,500 00	25,000 00

Total expenditures, for sal- aries, expense, and equip- ment .....	*\$1,295,604 00	*\$1,564,130 74	\$3,059,734 74
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# I AND II. LAND TO BE PURCHASED AND BUILDING TO BE ERECTED DURING THE FISCAL YEAR 1915-16 OUT OF THE INCOME FOR THAT YEAR.

<b>I. Land.</b>		
(a) Roland tract .....	\$50,000 00	
(b) Gilbert lots .....	10,147 00	
Total, land .....		\$ 60,147 00
<b>II. Buildings.</b>		
(a) Chemistry Laboratory .....	\$215,000 00	
(b) Administration Building .....	16,500 00	
(c) Ceramics Building .....	128,000 00	
(d) Vivarium .....	50,000 00	
Total, buildings .....		409,500 00
Total, land and buildings.....		\$469,647 00

## III AND IV. EXTENSION OF THE PHYSICAL PLANT AND BUILDING BETTERMENTS.

Extension and betterments.....	\$30,000 00
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## V. PHYSICAL PLANT OPERATION AND MAINTENANCE.

Salaries .....	\$ 11,000 00
Office expense .....	2,000 00
Heat, light and power .....	76,000 00
Building operation .....	56,000 00
Building repairs .....	28,000 00
Grounds .....	13,000 00
Fire protection .....	3,800 00
Telephone exchange .....	3,000 00
Water station .....	2,000 00
General operation .....	14,200 00
Extra assistance .....	6,000 00
Total .....	\$215,000 00

\* Total sum of \$200,000 for Medicine and Dentistry not yet divided according to salaries and expense.

## VI. LIBRARY ADDITIONS.

Library additions .....	\$50,000 00
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## VII. ADMINISTRATIVE OFFICES.

	Salaries.	Expense and equipment.	Total.
1. Board of Trustees—			
Quarterly audit .....		\$1,600 00	.....
Other expenses .....		6,000 00	\$ 7,600 00
2. Office of the President .....	\$19,500 00	5,000 00	24,500 00
3. Office of the Vice President .....	1,000 00	500 00	1,500 00
4. Business office .....	12,640 00	5,800 00	18,440 00
5. Registrar's office .....	17,260 00	6,800 00	24,060 00
6. Legal Counsel .....	1,000 00	400 00	1,400 00
7. Council of Administration .....		500 00	500 00
8. University Senate .....		100 00	100 00
9. Adviser to Foreign students .....	500 00	100 00	600 00
Total, administrative offices....	\$51,900 00	\$26,800 00	\$78,700 00

## VIII. GENERAL DEPARTMENTS.

	Salaries.	Expense and equipment.	Total.
1. Library .....	\$60,658 00	\$12,175 00	\$72,833 00
2. Dean of Men .....	10,020 00	4,625 00	14,645 00
3. Dean of Women .....	2,550 00	600 00	3,150 00
4. Physical Training for Men .....	14,600 00	4,800 00	19,400 00
5. Physical Training for Women .....	6,300 00	500 00	6,800 00
6. Military .....	9,116 00	3,846 75	12,962 75
7. High School Visitor .....	5,810 00	3,700 00	9,510 00
8. High School Oratorical Contest .....		360 00	360 00
9. Blueprinting and Photography .....	3,000 00	1,000 00	4,000 00
Total, general departments....	\$112,054 00	\$31,606 75	\$143,660 75

## IX. PUBLICATIONS AND GENERAL EXPENSES.

1. Publications—			
Printing and mailing catalogs, etc. ....		\$12,000 00	
<i>Directory of Matriculants</i> .....		5,000 00	
<i>Alumni Quarterly</i> .....		1,000 00	
<i>News Bulletin</i> .....		1,000 00	
<i>Students' Handbook</i> .....		300 00	
Total, publications .....			\$19,300 00
2. General expenses—			
Lectures .....		\$ 3,000 00	
Incidentals and emergency fund .....		60,000 00	
Concerts .....		5,000 00	
Convocations, etc. ....		1,000 00	
Refunds to students .....		10,000 00	
Receptions and social functions .....		1,000 00	
Towel system, gymnasium .....		1,250 00	
Civil Service Medical Examiner .....		300 00	
State Water Survey .....		7,500 00	
Information office .....		5,000 00	
Total, general expenses .....			94,050 00
Total, publications and general expenses .....			\$113,350 00

## X. COLLEGE OF LIBERAL ARTS AND SCIENCES.

	Salaries.	Expense and equipment.	Total.
1. Administration .....	\$ 8,220 00	\$ 2,600 00	\$ 10,820 00
2. Art and Design .....	7,000 00	800 00	7,800 00
3. Astronomy .....	5,400 00	800 00	6,200 00
4. Bacteriology .....	3,800 00	2,900 00	6,700 00
5. Botany .....	22,000 00	6,800 00	28,800 00
6. Chemistry .....	65,580 00	36,000 00	101,580 00
7. Classics .....	15,200 00	550 00	15,750 00
8. Education .....	20,320 00	2,500 00	22,820 00
9. English .....	58,320 00	1,800 00	60,120 00
10. Entomology .....	9,100 00	1,600 00	10,700 00
11. Geology .....	13,700 00	1,600 00	15,300 00
12. German .....	25,750 00	200 00	25,950 00
13. History .....	22,350 00	300 00	22,650 00
14. Mathematics .....	35,950 00	700 00	36,650 00
15. Philosophy .....	9,800 00	100 00	9,900 00
16. Physiology .....	4,500 00	1,700 00	6,200 00
17. Political Science .....	12,600 00	125 00	12,725 00
18. Psychology .....	8,400 00	1,100 00	9,500 00
19. Romance Languages .....	25,600 00	250 00	25,850 00
20. Sociology .....	5,300 00	300 00	5,600 00
21. Zoology .....	26,200 00	6,250 00	32,450 00
22. Museum of Classical Art and Arch- eology .....		5,000 00	5,000 00
23. Museum of European Culture .....		5,000 00	5,000 00
24. Museum of Natural History .....		5,000 00	5,000 00
Grand totals for college .....	\$405,090 00	\$83,975 00	\$489,065 00

# **XI. COLLEGE OF ENGINEERING AND ENGINEERING EXPERIMENT STATION.**

	Salaries.	Expense and equipment.	Total.
1. College .....	\$236,860 00	\$65,000 00	\$301,860 00
2. Experiment Station .....	19,600 00	25,000 00	44,600 00
3. Coal Mining Investigations.....	3,000 00	2,000 00	5,000 00
Total .....	\$259,460 00	\$92,000 00	\$351,460 00

# **XII. COLLEGE OF AGRICULTURE AND AGRICULTURAL EXPERIMENT STATION.**

## **I. INCOME.**

1. State College Funds.		
Income .....		\$227,115 00
2. State Station Funds.		
a. Live stock investigations.....	\$31,000 00	
b. Crop investigations.....	18,500 00	
c. Soil investigations .....	96,000 00	
d. Horticultural investigations .....	21,000 00	
e. Dairy investigations .....	21,000 00	
f. Floriculture investigations .....	8,000 00	
Total, State station funds.....		195,500 00
3. United States College Funds.		
a. Interest on endowment ( $\frac{1}{4}$ ).....	\$16,200 00	
b. Morrill Fund, 1890 ( $\frac{1}{2}$ ).....	12,500 00	
c. Nelson Fund ( $\frac{1}{2}$ ).....	12,500 00	
Total, United States College funds.....		41,200 00
a. Hatch Fund .....	\$15,000 00	
4. United States Station Funds.		
b. Adams Fund .....	15,000 00	
Total, United States Station funds.....		30,000 00
5. United States Smith-Lever Fund.		
Income .....		36,282 00
Total income, of college and station from State and Federal funds .....		\$530,097 00
6. Departmental Sales.		
a. College—		
(1) Agronomy .....	\$ 950 00	
(2) Animal Husbandry .....	8,000 00	
(3) Dairy Husbandry .....	48,700 00	
(4) Horticulture .....	650 00	
(5) Household Science .....	14,400 00	
Total sales, college.....		\$72,700 00
b. Station—		
(1) Agronomy .....	\$10,800 00	
(2) Animal Husbandry .....	10,600 00	
(3) Dairy Husbandry .....	8,000 00	
(4) Horticulture .....	1,800 00	
Total sales, station.....		31,200 00
Total sales, college and station.....		103,900 00
7. Cash Balances.		
a. Agricultural buildings .....		\$29,745 69
b. Agricultural College—		
(1) Administration .....	\$1,452 35	
(2) Agronomy .....	2,016 36	
(3) Animal Husbandry .....	435 23	
(4) Animal Husbandry, specimens	2,206 11	
(5) Dairy Husbandry .....	7,545 75	
(6) Dairy Husbandry, specimens.	2 00	
(7) Extension .....	790 83	
(8) Household Science .....	2,957 15	
(9) Cafeteria .....	4,878 13	
(10) Veterinary Science .....	490 81	
Total, college balances.....		22,774 72
c. Agricultural Experiment Station—		
(1) Agronomy, crops .....	\$ 1,530 33	
(2) Agronomy, soils .....	1,499 28	
(3) Animal Husbandry .....	12,222 37	
(4) Dairy Husbandry .....	782 40	
(5) Horticulture .....	341 70	
Total, station balances.....		16,376 08
d. Adams Fund receipts (Animal Husbandry)...		647 09
e. State soil maps and investigations.....		1,116 41
Total, cash balances.....		70,659 99
Total income .....		\$704,656 99

## XII. COLLEGE OF AGRICULTURE AND AGRICULTURAL EXPERIMENT STATION—Continued.

### II. EXPENDITURES.

#### 1. Administration and General.

##### a. College funds—\*

##### (1) Salaries—

Dean and Director†..... \$4,500 00  
Secretary to Dean..... 840 00

##### (2) Maintenance—

General ..... 9,100 00

Total from college funds..... \$14,440 00

##### b. Hatch Fund—

##### (1) Salaries—

Director† ..... \$1,000 00  
Secretary, Agricultural Ex-  
periment Station ..... 1,400 00  
Chief Editorial Assistant.. 1,200 00

##### (2) Maintenance—

General ..... 400 00  
Botany investigation (Bur-  
rill) ..... 2,500 00

Total from Hatch Fund..... 6,500 00

##### c. Adams Fund—

##### (1) Salaries—

Director† ..... \$ 500 00  
Statistician ..... 1,200 00  
Assistants ..... 250 00

##### (2) Maintenance ..... 50 00

Total from Adams Fund..... 2,000 00

##### d. Balance from 1914-15—

(1) Maintenance ..... 1,452 35

Total, administration and general..... \$ 24,392 35

#### 2. Agronomy.

##### a. College funds—

##### (1) Salaries and maintenance

(general) ..... \$38,300 00

(2) Farm mechanics ..... 15,000 00

Total from College funds..... \$ 53,300 00

##### b. State station funds—

(1) Crop investigations ..... \$18,500 00

(2) Soil investigations ..... 96,000 00

Total from State station funds..... 114,500 00

##### c. Hatch Fund—

(1) Salaries and maintenance..... 2,500 00

##### d. Balance from 1914-15—

(1) Maintenance ..... \$2,016 36

(2) Crop investigation ..... 1,530 33

(3) Soil investigation ..... 1,499 28

(4) Soil maps ..... 1,116 41

Total balance ..... 6,162 38

Total, Agronomy ..... 176,462 38

#### 3. Animal Husbandry.

##### a. College funds—

Salaries and maintenance (general)..... \$64,450 00

##### b. State station funds—

Live stock investigations..... 31,000 00

##### c. Adams Fund—

Nutrition and breeding..... 8,500 00

##### d. Balance from 1914-15—

Maintenance ..... \$ 435 23

Live stock specimens..... 2,206 11

Live stock investigations..... 12,222 37

Nutrition and breeding..... 647 09

Total balance ..... 15,510 80

Total, Animal Husbandry..... 119,460 80

\* Under "College Funds" are included items 1 and 3 under Income, supra.

† Total salary, \$6,000.

## XII. COLLEGE OF AGRICULTURE AND AGRICULTURAL EXPERIMENT STATION—Continued.

<b>4. Dairy Husbandry.</b>		
a. College funds—		
Salaries and maintenance (general).....	\$30,725 00	
b. State station funds—		
Dairy investigations .....	21,000 00	
c. Hatch Fund—		
Salaries and maintenance.....	6,000 00	
d. Balance from 1914-15—		
Maintenance .....	\$7,545 75	
Dairy investigations .....	782 40	
Dairy specimens .....	2 00	
Total balance .....	8,330 15	
Total, Dairy Husbandry .....		\$66,055 15
<b>5. Agricultural Extension.</b>		
a. College funds—		
Salaries and maintenance.....	\$20,000 00	
b. Balance from 1914-15—		
Maintenance .....	790 83	
Total, agricultural extension.....		20,790 83
<b>6. Horticulture.</b>		
a. College funds—		
Salaries and maintenance (general).....	\$56,600 00	
b. State station funds—		
Horticulture investigations .....	\$21,000 00	
Floriculture investigations .....	8,000 00	
Total from State station funds.....	29,000 00	
c. Adams Fund—		
Plant breeding .....	4,500 00	
d. Balance from 1914-15—		
Horticulture investigations .....	341 70	
Total, Horticulture .....		90,441 70
<b>7. Household Science.</b>		
a. College funds—		
Salaries and maintenance.....	\$26,000 00	
b. Balance from 1914-15—		
Maintenance, general .....	\$2,957 15	
Cafeteria .....	4,878 13	
Total balance .....	7,835 28	
Total, Household Science.....		33,835 28
<b>8. Veterinary Science.</b>		
a. College funds—		
Salaries and maintenance.....	\$2,800 00	
b. Balance from 1913-14—		
Maintenance .....	490 81	
Total, Veterinary Science.....		3,290 81
<b>9. United States Smith-Lever Activities.</b>		
a. Administration—		
(1) Salaries .....	\$3,900 00	
(2) Maintenance .....	582 00	
(3) Traveling expenses .....	1,000 00	
(4) Farm management demon- stration (including \$500 traveling expenses) .....	1,600 00	
Total, administration .....	\$ 7,082 00	
b. Demonstration in Household Science—		
(1) Salaries .....	\$1,000 00	
(2) Maintenance and traveling ex- penses .....	7,000 00	
Total, demonstration in Household Science .....	8,000 00	
c. Departmental specialists—		
\$2,000 to each of the departments: Agronomy, Animal Husbandry, Dairy Husbandry, Horticulture, for two specialists each....	8,000 00	
d. County Agents—		
22 counties at \$600 each.....	13,200 00	
Total, United States Smith-Lever activities.....		36,282 00
<b>10. Buildings.</b>		
Balance from 1914-15.....		29,745 60

## XII. COLLEGE OF AGRICULTURE AND AGRICULTURAL EXPERIMENT STATION—Concluded.

### 11. Departmental Sales, additional expense from income of.

#### a. College—

(1) Agronomy .....	\$ 950 00
(2) Animal Husbandry .....	8,000 00
(3) Dairy Husbandry .....	48,700 00
(4) Horticulture .....	650 00
(5) Household Science .....	14,400 00

Total, sales, college..... \$72,700 00

#### b. Station—

(1) Agronomy .....	\$10,800 00
(2) Animal Husbandry .....	10,600 00
(3) Dairy Husbandry .....	8,000 00
(4) Horticulture .....	1,800 00

Total, sales, station..... 31,200 00

Total expense from income of sales, college  
and station ..... \$103,900 00

Total, College of Agriculture and Agri-  
cultural Experiment Station..... \$704,656 99

## RECAPITULATION OF EXPENDITURES BY DEPARTMENTS, COLLEGE OF AGRICULTURE AND AGRICULTURAL EXPERIMENT STATION.

1. Administration .....	\$ 24,392 35
2. Agronomy .....	176,462 38
3. Animal Husbandry .....	119,460 80
4. Dairy Husbandry .....	66,055 15
5. Extension .....	20,790 83
6. Horticulture .....	90,441 70
7. Household Science .....	33,835 28
8. Veterinary Science .....	3,290 81
9. United States Smith-Lever activities.....	36,282 00
10. Buildings .....	29,745 69
11. Departmental sales, expense from income of.....	103,900 00
Total, expenditures .....	\$704,656 99

## XIII. COLLEGES OF MEDICINE AND DENTISTRY.

Salaries and expense..... \$200,000 00

## XIV. GRADUATE SCHOOL.

### 1. Salaries—

Administration and research.....	\$8,160 00
Civil Service .....	1,200 00

Total, salaries ..... \$ 9,360 00

### 2. Scholarships and Fellowships.....

23,050 00

### 3. Expenses—

Printing, postage, and office supplies.....	\$1,200 00
University studies—	
a. Miscellaneous, Social Science, Biological, Language and Literature Series.....	5,000 00
b. Special publications .....	2,500 00
Traveling expenses .....	200 00
<i>Journal of English and Germanic Philology</i> .....	1,500 00
Emergency research .....	5,000 00
Graduate Library equipment.....	3,500 00
Illinois survey .....	3,000 00
Clerical help .....	500 00

Total, expenses ..... 22,400 00

### 4. Reappropriation for publication of Scandinavian manuscripts....

2,000 00

Total, Graduate School..... \$56,810 00

## XV. COLLEGE OF COMMERCE.

1. Salaries ..... \$40,100 00

### 2. Expense—

Lectures .....	\$600 00
Printing, postage, etc.....	500 00
Traveling expenses .....	700 00
Clerical help .....	250 00
General .....	55 00

2,105 00

### 3. Equipment—

Office and classroom .....	\$ 150 00
Fixed library charges.....	1,200 00
Library equipment .....	3,000 00

4,350 00

Total, College of Commerce..... \$46,555 00

**XVI. SCHOOL OF PHARMACY.**

1. Salaries .....		\$10,740 00
2. Expense and equipment—		
Tuition and laboratory fee refunds.....	\$ 500 00	
Equipment .....	1,000 00	
Printing, postage, etc.....	1,000 00	
Laboratory supplies .....	2,200 00	
Miscellaneous .....	1,575 00	
Total, expense and equipment.....		6,275 00
3. Physical plant—		
Wages .....	\$ 780 00	
Rent .....	6,000 00	
Heat and light.....	500 00	
Incidentals .....	25 00	
Total, physical plant .....		7,305 00
Total, School of Pharmacy.....		\$24,320 00

**XVII. OTHER COLLEGES AND DEPARTMENTS.**

	Salaries.	Expense and equipment.	Total.
1. College of Law.....	\$24,100 00	\$3,300 00	.....
Library .....		5,000 00	\$32,400 00
2. School of Library Science.....	7,825 00	1,175 00	.....
Summer Session .....	650 00		9,650 00
3. School of Music.....	17,600 00	1,860 00	19,460 00
4. Summer Session .....	22,500 00	2,500 00	25,000 00
Totals .....	\$72,675 00	\$13,835 00	\$86,510 00

**PART II. SALARY BUDGET.****OFFICE OF THE PRESIDENT.**

Edmund J. James, President.....	\$12,000 00
Edward J. Filbey, Private Secretary to the President (exempt) (12 months) .....	2,200 00
Vergil V. Phelps, Executive Secretary (C. S.).....	2,000 00
Albert R. Lee, Clerk (C. S.).....	1,000 00
Anna Whitson, University Secretary (C. S.).....	900 00
_____, University Secretary (C. S.).....	1,200 00
Total, President's office.....	\$19,500 00

**OFFICE OF THE VICE PRESIDENT.**

David Kinley,* Vice President (1 year), Dean of the Graduate School (1 year), and Professor of Economics (Indef.).....	\$1,000 00
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**REGISTRAR'S OFFICE.**

Charles M. McConn, Registrar (C. S.).....	\$3,500 00
Harrison E. Cunningham, Assistant Registrar, Secretary of the Board of Trustees (C. S.).....	2,500 00
Ira M. Smith, Examiner (C. S.).....	2,000 00
George P. Tuttle, Assistant Examiner (C. S.).....	1,500 00
Levi A. Boice, Recorder (C. S.).....	1,600 00
Tabitha J. Broadhurst, Assistant Recorder (C. S.).....	1,000 00
_____, Assistant Recorder (C. S.).....	840 00
Lois M. Miles, University Secretary (C. S.).....	900 00
Gertrude E. Johnson, University Stenographer, Rank 2 (C. S.).....	840 00
Daisy Swearingen, University Stenographer, Rank 2 (C. S.).....	660 00
_____, University Stenographer, Rank 2 (C. S.).....	600 00
Allie B. Lamb, Filing Clerk (C. S.).....	840 00
_____, Clerk and Messenger (C. S.).....	480 00
Total .....	\$17,260 00

**OFFICE OF THE DEAN OF MEN.**

Thomas Arkle Clark,† Dean of Men (1 year) and Professor of Rhetoric (Indef.) .....	\$5,500 00
Arthur Ray Warnock, Assistant Dean of Men (12 months).....	2,000 00
Elmer Ellsworth Fiero, Student Clerk (12 months).....	600 00
Sue M. Fair, University Secretary (exempt) (12 months).....	1,020 00
_____, University Secretary (C. S.).....	900 00
Total .....	\$10,020 00

**OFFICE OF THE DEAN OF WOMEN.**

Martha Jackson Kyle,‡ Acting Dean of Women (1 year).....	\$1,750 00
_____, Vice Strong, Secretary and Stenographer (exempt) (1 year) .....	800 00
Total .....	\$2,500 00

\* Total salary \$7,000; balance (\$6,000) under Graduate School.

† Total salary \$6,000; balance (\$500) charged to department of English.

‡ Total salary \$2,000; balance (\$250) received as instructor in English.

**OFFICE OF THE ADVISER TO FOREIGN STUDENTS.**

Arthur R. Seymour,* Associate in Romance Languages (2 years from Sept. 1, 1915), and Adviser to Foreign Students (1 year).....	\$500 00
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**OFFICE OF THE HIGH SCHOOL VISITOR.**

Horace A. Hollister, Professor of Education (Indef.), and High School Visitor (12 months).....	\$3,250 00
J. J. Didcott, Assistant High School Visitor, part time, (1 year).....	1,600 00
Winifred Amos, University Secretary (C. S.).....	960 00
<b>Total</b> .....	<b>\$5,810 00</b>

**OFFICE OF THE LEGAL COUNSEL.**

Oliver A. Harker,† Dean of the College of Law (1 year), Professor of Law (Indef.), and Legal Counsel (1 year).....	\$1,000 00
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**BUSINESS OFFICE.**

William B. Castenholz, Instructor in Accountancy and Comptroller (1 year from Sept. 1, 1915).....	\$3,000 00
L. E. Knorr, Assistant Comptroller (C. S.).....	1,800 00
Lloyd Morey, Auditor (C. S.).....	1,500 00
Maude Stipp, Bookkeeper (C. S.).....	600 00
Marsh E. Thompson, Cashier (C. S.).....	1,200 00
Alfred Steitz, Chief Stores Clerk (C. S.).....	1,200 00
Helen Irene Buckler, Stenographer (C. S.).....	720 00
Evelyn Briggs, Stenographer (C. S.).....	660 00
Franc A. Durfey, Stenographer (C. S.).....	600 00
_____, vice Sadie Jones, Stenographer (C. S.).....	600 00
Elizabeth A. Muhleman, Typist (C. S.).....	600 00
_____, Bookkeeper (July 1-Aug. 31, 1915) (C. S.).....	160 00
<b>Total</b> .....	<b>\$12,640 00</b>

**OFFICE OF THE SUPERVISING ARCHITECT.**

(Not included in Budget total; see note below.)

James M. White, Professor of Architectural Engineering (Indef.) and Supervising Architect (1 year).....	\$5,000 00
H. D. Oberdorfer, Assistant to the Supervising Architect (C. S.).....	2,500 00
G. B. Rice, Lecturer on the Installation and Operation of Mechanical Equipment for Buildings and Mechanical Engineer (1 year).....	3,000 00
L. J. Towne, Superintendent of Construction (C. S.).....	2,400 00
G. E. Wright, Draftsman, Temporary.....	1,680 00
E. R. Math, Inspector, Temporary.....	1,600 00
W. H. Boyer, Inspector (C. S.).....	1,320 00
Julia E. Sinnock, Stenographer (C. S.).....	720 00
J. A. Morrow, Superintendent of Buildings (C. S.).....	2,100 00
C. E. Atkinson, Superintendent of Grounds (C. S.).....	1,700 00
T. J. Showers, Carpenter Foreman (C. S.).....	1,600 00
C. H. Havens, Foreman, steamfitters (C. S.).....	1,600 00
Wm. J. Smith, Telephone Electrician (C. S.).....	1,440 00
M. W. Murphey, Foreman, electricians (C. S.).....	1,320 00
Additional service .....	9,270 00
<b>Total†</b> .....	<b>\$37,250 00</b>

**BLUEPRINTING AND PHOTOGRAPHY.**

Arthur G. Eldredge, Director of Photographic Laboratory and Instructor (1 year).....	\$3,000 00
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**COLLEGE OF LIBERAL ARTS AND SCIENCES.****Office of the Dean.**

Kendric C. Babcock, Dean (1 year).....	\$5,500 00
Howard V. Canter, Assistant Professor of the Classics (3 years from Sept. 1, 1913) and Assistant Dean (1 year); salary under Department of the Classics.....	.....
Agnes McGurty, Secretary to the Dean (C. S.).....	1,100 00
Mabel F. Griffith, Record Clerk (C. S.).....	900 00
_____, Stenographer (C. S.).....	720 00
<b>Total</b> .....	<b>\$8,220 00</b>

**Art and Design.**

Edward J. Lake, Assistant Professor (Indef.).....	2,500 00
Mary M. Wetmore, Instructor (10 months).....	1,500 00
Charles E. Bradbury, Instructor (10 months).....	1,500 00
Gideon R. Forbes, Instructor (10 months).....	1,500 00
<b>Total</b> .....	<b>\$7,000 00</b>

\* Total salary \$2,500. Receives \$2,000 as Associate in Romance Languages.

† Total salary, \$5,000. Receives \$4,000 as Dean of the College of Law and Professor of Law.

‡ N. B.—The Salary budget of the office of the Supervising Architect will all be distributed over the appropriations for new buildings, building changes, buildings and service plant operation and maintenance, and other appropriations which may be made available for building work in case the building program thus far authorized is carried out. If only the Buildings now contracted for be erected, appropriation of \$14,000 will be necessary if the above staff is retained.



**Astronomy.**

Joel Stebbins, Professor (Indef.).....	\$3,500 00
Frank W. Reed, Instructor (10 months).....	1,400 00
Lars A. Welø, Research Assistant (10 months).....	500 00

Total ..... \$5,400 00

**Bacteriology.**

Joel E. Sperry, Instructor (10 months).....	1,700 00
, Instructor (10 months).....	1,200 00
Fred W. Tanner, Assistant (10 months).....	600 00
Cecil R. Gross, Graduate Assistant (10 months).....	300 00

Total ..... \$3,800 00

**Botany.**

William Trelease, Professor (Indef.).....	5,000 00
Charles F. Hottes, Professor of Plant Physiology (Indef.).....	3,000 00
Frank L. Stevens, Professor of Plant Pathology (Indef.).....	4,000 00
Stella M. Hague, Instructor (10 months).....	1,400 00
Walter B. McDougall, Instructor (10 months).....	1,400 00
Rosalie M. Parr, Assistant (10 months).....	800 00
Harry D. Waggoner, Assistant (10 months).....	600 00
Nora E. Dalbey, Assistant (10 months).....	600 00
Forrest E. Kempton, Assistant (10 months).....	600 00
Bert E. Quick, Assistant (10 months).....	600 00
Robert L. Davis, Assistant (10 months).....	500 00
William E. Pickler, Assistant (10 months).....	500 00
Harold D. Clayberg, Assistant (10 months).....	600 00
Lee E. Miles, Assistant (10 months).....	500 00
, Assistant (10 months).....	500 00
Walter S. Beach, Assistant (10 months).....	500 00
Robert Fieg, Laboratory Helper (12 months) (C. S.).....	600 00
, Stenographer (C. S.).....	600 00

Total ..... \$22,000 00

**Chemistry.**

William A. Noyes, Professor and Director of the Chemistry Laboratory (Indef.).....	5,500 00
Samuel W. Parr,* Professor of Applied Chemistry (Indef.).....	2,000 00
Edward Bartow,† Professor of Sanitary Chemistry (Indef.), and Director of the State Water Survey (1 year).....	.....
Clarence W. Balke, Professor of Inorganic Chemistry (Indef.).....	3,250 00
Edward W. Washburn, Professor of Physical Chemistry (Indef.)...	3,500 00
David F. McFarland, Assistant Professor of Applied Chemistry (1 year).....	2,400 00
George M. Smith, Assistant Professor (3 years from Sept. 1, 1915).....	2,000 00
Clarence G. Derick, Assistant Professor (3 years from Sept. 1, 1915).....	2,300 00
Henry C. P. Weber, Assistant Professor (1 year from Sept. 1, 1915).....	2,000 00
H. B. Lewis, Associate (2 years from Sept. 1, 1915).....	2,200 00
B. Smith Hopkins, Associate (2 years from Sept. 1, 1914).....	1,600 00
George D. Beal, Associate (2 years from Sept. 1, 1914).....	1,600 00
Duncan A. MacInnes, Associate (2 years from Sept. 1, 1914).....	1,600 00
Henry J. Broderson, Instructor (10 months).....	1,400 00
Charles H. Hecker, Instructor (10 months).....	1,200 00
Jessie Y. Cann, Instructor (10 months).....	1,200 00
Hubert L. Olin, Instructor (10 months).....	1,200 00
Edward O. Heuse, Instructor (10 months).....	1,200 00
George W. Sears, Instructor (10 months).....	1,200 00
Oliver Kamm, Instructor (10 months).....	1,200 00
Harry P. Corson,† Instructor in Sanitary Chemistry (10 months), and Chemist and Bacteriologist in the State Water Survey.....	.....
Paul Anders, Assistant in Glass Blowing (9 months from October 1).....	1,170 00
Harry C. Kremers, Assistant (10 months).....	600 00
Edwin A. Rees, Assistant (10 months).....	600 00
Ernest E. Charlton, Assistant (10 months).....	600 00
Raymond W. Hess, Assistant (10 months).....	600 00
Floyd Rowland, Assistant (10 months).....	500 00
Ross E. Gilmore, Assistant (10 months).....	600 00
Silas A. Braley, Assistant (10 months).....	600 00
Glenn S. Skinner, Assistant (10 months).....	500 00
E. H. Vollweiler, Assistant (10 months).....	500 00
Ralph W. Tippet, Assistant (10 months).....	500 00
W. A. Van Winkle, Assistant (10 months).....	500 00
Jay T. Ford, Assistant (10 months).....	500 00
Frank F. Footitt, Assistant (10 months).....	500 00
Henry L. Gerry, Assistant (10 months).....	500 00
Joseph M. Braham, Assistant (10 months).....	500 00
Albert W. Owens, Assistant (10 months).....	500 00
Terrence O. Westhaefer, Assistant (10 months).....	500 00
Sidney M. Hull, Assistant (10 months).....	500 00
Don W. Bissell, Assistant (10 months).....	500 00
Carl N. Davidson, Assistant (10 months).....	500 00
Walter G. Karr, Assistant (10 months).....	500 00

\* Total salary \$4,000; receives \$2,000 under Eng'g. Experiment Station.

† Salary under State Water Survey.

Albert D. Shepard, Graduate Assistant (10 months).....	\$ 350 00
Harry Glenn Portz, Graduate Assistant (10 months).....	300 00
H. R. Lee, Graduate Assistant (10 months).....	350 00
Alfred M. Heinzelmann, Graduate Assistant (10 months).....	300 00
James K. Reed, Graduate Assistant (10 months).....	300 00
Ruth E. Okey, Graduate Assistant (10 months).....	300 00
Herbert A. Winkelmann, Graduate Assistant (10 months).....	300 00
Lloyd H. Reyerson, Graduate Assistant (10 months).....	300 00
Harry J. Beattie, Graduate Assistant (10 months).....	300 00
Mary V. Buell, Graduate Assistant (10 months).....	300 00
Leonard F. Yntema, Graduate Assistant (10 months).....	300 00
William R. Bruce, Graduate Assistant (10 months).....	300 00
Louis Jordan, Graduate Assistant (10 months).....	300 00
Ralph W. Hufford, Graduate Assistant (10 months).....	300 00
Loran O. Potterf, Graduate Assistant (10 months).....	300 00
Margaret Percy, Graduate Assistant (10 months).....	300 00
Helen Updegraff, Graduate Assistant (10 months).....	300 00
Albert R. Powell, Graduate Assistant (10 months).....	300 00
Lansing S. Wells, Graduate Assistant (10 months).....	300 00
Dewit O. Jones, Graduate Assistant (10 months).....	300 00
_____, Graduate Assistant (10 months).....	300 00
L. H. Dunham, Student Assistant (10 months).....	100 00
M. J. Bradley, Student Assistant (10 months).....	100 00
J. H. Olewine, Student Assistant (10 months).....	100 00
Louis M. Larson, Student Assistant (10 months).....	100 00
William O. Cook, Student Assistant (10 months).....	100 00
Ralph W. Morgan, Student Assistant (10 months).....	100 00
George A. Wrisley, Student Assistant (10 months).....	100 00
Adolph M. Landstrom, Student Assistant (10 months).....	100 00
Paul T. Dolley, Student Assistant (10 months).....	100 00
Joseph T. Holton, Student Assistant (10 months).....	100 00
C. F. Miller, Clerk (C. S.).....	1,200 00
Mayme L. Smith, Clerk and Stenographer (C. S.).....	840 00
_____, Vice Scott, Stenographer (C. S.).....	600 00
A. H. Hull, Assistant Custodian (C. S.).....	840 00
C. C. Crawford, Storekeeper (C. S.).....	840 00
Thomas Peel, Laboratory Storekeeper (C. S.).....	780 00
Forest Mock, Assistant Storekeeper (C. S.).....	660 00
C. E. Dalton, Laboratory Helper (C. S.).....	600 00
_____, Mechanician (C. S.).....	1,000 00
<b>Total</b> .....	<b>\$65,580 00</b>

**Classics.**

Herbert J. Barton, Professor of the Latin Language and Literature (Indef.), and Chairman of the Department (1 year).....	3,500 00
Charles M. Moss, Professor of Greek (Indef.).....	3,000 00
William A. Oldfather, Professor (Indef.).....	3,000 00
Arthur S. Pease, Professor (Indef.), and Curator of the Museum of Classical Art and Archeology (1 year).....	3,000 00
Howard V. Canter, Assistant Professor (3 years from Sept. 1, 1913) and Assistant Dean of the College of Liberal Arts and Sciences (1 year) .....	2,700 00
<b>Total</b> .....	<b>\$15,200 00</b>

**Education.**

William C. Bagley, Professor (Indef.), and Director of the School of Education (1 year).....	5,500 00
Charles H. Johnston, Professor of Secondary Education (Indef.).....	3,750 00
Horace A. Hollister, Professor (Indef.) and High School Visitor (1 year)—salary under office of High School Visitor.....	
Guy M. Whipple, Professor (Indef.).....	3,250 00
Joseph Clifton Brown, Principal of the Training School (1 year)...	3,500 00
Wilford S. Miller, Assistant and Secretary (12 months).....	2,000 00
Margaret V. Cobb, Assistant, half time (10 months).....	500 00
Harriet J. Berninger, Assistant, half time.....	500 00
Donna Merchant, Stenographer (C. S.).....	720 00
_____, Stenographer (C. S.).....	600 00
<b>Total</b> .....	<b>\$20,320 00</b>

**English.**

Stuart P. Sherman, Professor (Indef.), and Chairman of Department (1 year).....	5,500 00
Daniel K. Dodge, Professor (Indef.).....	3,250 00
Thomas A. Clark,* Professor of Rhetoric (Indef.), and Dean of Men (1 year).....	500 00
Edward Fulton, Associate Professor (Indef.).....	2,100 00
Edward C. Baldwin, Assistant Professor (Indef.).....	2,100 00
Harry G. Paul, Assistant Professor (Indef.).....	2,500 00
Franklin W. Scott, Assistant Professor (Indef.), and Secretary of Department (1 year).....	2,500 00
Harrie S. V. Jones, Assistant Professor (Indef.).....	2,200 00
Jacob Zeitlin, Associate (2 years from Sept. 1, 1915).....	1,900 00
Clarence V. Boyer, Associate (2 years from Sept. 1, 1914).....	1,700 00

\* Total salary \$6,000. Balance (\$5,500) under Office of Dean of Men.

Herbert L. Creek, Associate (2 years from Sept. 1, 1914)	\$1,500 00
Charles H. Woolbert, Associate (1 year)	2,000 00
Gertrude Schoepperle, Associate (2 years from Sept. 1, 1914)	1,400 00
Martha J. Kyle,* Instructor (10 months)	250 00
George F. Whicher, Instructor (10 months)	1,400 00
Earle S. Alden, Instructor (10 months)	1,200 00
Clarissa Rinaker, Instructor (10 months)	1,300 00
Robert C. Whitford, Instructor (10 months)	1,100 00
Harold M. Hillebrand, Instructor (10 months)	1,500 00
Lynn H. Harris, Instructor (10 months)	1,200 00
Ralph E. Tieje, Instructor (10 months)	1,200 00
Easley S. Jones, Instructor (10 months)	1,300 00
Mervin J. Curl, Instructor (10 months)	1,400 00
William E. Schultz, Instructor (10 months)	1,200 00
Carl S. Downes, Instructor (10 months)	1,200 00
_____, Vice Buchen, Instructor (10 months)	1,500 00
Allene Gregory, Instructor (10 months)	1,200 00
Sigurd B. Hustvedt, Instructor (10 months)	1,200 00
Roger S. Loomis, Tutor (10 months)	1,200 00
Sada A. Harbarger, Assistant (10 months)	1,000 00
Ruth Kelso, Assistant (10 months)	1,000 00
Emerson G. Sutcliffe, Assistant (10 months)	1,100 00
Thomas B. Stanley, Assistant (10 months)	1,000 00
Lew R. Sarett, Assistant (10 months)	1,200 00
Raymond E. Dixon, Assistant (10 months)	1,200 00
James M. Phelps, Assistant (10 months)	1,000 00
Clyde B. Beck, Assistant, half time (10 months)	500 00
Carryl N. Thurber, Assistant, half time (10 months)	600 00
Myrtle Cruzan, Assistant, half time (10 months)	500 00
Frances Garwood, Clerk and Stenographer (C. S.)	720 00
<b>Total</b>	<b>\$58,320 00</b>
<b>Entomology.</b>	
Stephen A. Forbes, Professor (Indef.)	1,000 00
Alexander D. MacGillivray, Associate Professor (Indef.)	3,000 00
Justus W. Folsom, Assistant Professor (Indef.)	2,500 00
Robert D. Glasgow, Instructor (10 months)	1,400 00
_____, Vice Peterson, Assistant (10 months)	600 00
C. C. Hamilton, Graduate Assistant (10 months)	300 00
_____, Graduate Assistant (10 months)	300 00
<b>Total</b>	<b>\$9,100 00</b>
<b>Geology.</b>	
Charles W. Rolfe, Professor (Indef.)	3,000 00
William S. Bayley, Professor (Indef.)	3,000 00
Thomas E. Savage, Associate Professor (Indef.)	2,700 00
John L. Rich, Instructor (10 months)	1,700 00
Francis M. Van Tpyl, Instructor (10 months)	1,200 00
Clarence S. Ross, Assistant (10 months)	600 00
Henry M. DuBois, Assistant (10 months)	600 00
Mason K. Read, Assistant (10 months)	500 00
Luther E. Kennedy, Assistant (10 months)	400 00
<b>Total</b>	<b>\$13,700 00</b>
<b>German.</b>	
Julius Goebel, Professor (1 year)	3,750 00
Otto E. Lessing, Professor (Indef.)	3,500 00
George T. Flom, Associate Professor of Scandinavian (Indef.)	2,800 00
Neil C. Brooks, Assistant Professor (Indef.), and Curator of the Museum of European Culture (1 year)	2,500 00
Leonard Bloomfield, Assistant Professor of Comparative Philology and German (3 years from Sept. 1, 1913)	2,000 00
J. E. Gillet, Associate in German and Comparative Literature (2 years from Sept. 1, 1915)	1,600 00
Daisy L. Blaisdell, Instructor (10 months)	1,100 00
C. A. Williams, Instructor (10 months)	1,500 00
Armin H. Koller, Instructor (10 months)	1,500 00
Alexander Green, Instructor (10 months)	1,500 00
H. W. Puckett, Instructor (10 months)	1,500 00
Heinrich Waldemar Nordmeyer, Instructor (10 months)	1,300 00
Earl K. Kline, Instructor (10 months)	1,200 00
<b>Total</b>	<b>\$25,750 00</b>
<b>History.</b>	
Evarts B. Greene, Professor (Indef.)	5,000 00
Laurence M. Larson, Professor (Indef.)	3,200 00
Clarence W. Alvord, Professor, half time (Indef.)	1,750 00
Albert H. Lybyer, Associate Professor (Indef.)	2,800 00
William S. Robertson, Assistant Professor (Indef.)	2,500 00
Paul V. B. Jones, Associate (2 years from Sept. 1, 1914)	1,800 00
Theodore C. Pease, Associate (3 years from Sept. 1, 1914)	1,500 00
Arthur C. Cole, Associate (2 years from Sept. 1, 1915)	1,800 00

\* Total salary \$2,000. Balance, (\$1,750) under Office of Dean of Women.

Elizabeth P. Brush, Assistant (10 months).....	\$1,000 00
J. E. Miller, Assistant, two-thirds time (10 months).....	600 00
_____, Secretary, half time (10 months).....	400 00
<b>Total</b> .....	<b>\$22,350 00</b>
<b>Mathematics.</b>	
Edgar J. Townsend, Professor (Indef.).....	4,000 00
George A. Miller, Professor (Indef.).....	3,500 00
Henry L. Rietz,* Professor of Mathematical Statistics (Indef.), and Statistician in the Agricultural Experiment Station (Indef.).....	1,900 00
James B. Shaw, Associate Professor (Indef.).....	3,000 00
Arnold Emch, Assistant Professor (3 years from Sept. 1, 1913).....	2,250 00
Charles H. Sisam, Assistant Professor (3 years from Sept. 1, 1914).....	2,200 00
R. D. Carmichael, Assistant Professor (3 years from Sept. 1, 1915).....	2,500 00
Arthur R. Crathorne, Associate (2 years from Sept. 1, 1914).....	2,000 00
Ernest B. Lytle, Associate (2 years from Sept. 1, 1914).....	1,800 00
Robert L. Borger, Associate (1 year from Sept. 1, 1915).....	1,500 00
Gustaf E. Wahlin, Associate (2 years from Sept. 1, 1915).....	1,500 00
Aubrey J. Kempner, Associate (2 years from Sept. 1, 1915).....	1,600 00
William W. Denton, Instructor (10 months).....	1,400 00
Edward W. Chittenden, Instructor (10 months).....	1,400 00
L. T. Wilson, Instructor (10 months).....	1,200 00
Robert H. Marshall, Assistant (10 months).....	600 00
Guy W. Smith, Assistant (10 months).....	600 00
William H. Wilson, Assistant (10 months).....	600 00
Raymond Borden, Assistant (10 months).....	600 00
Hobart D. Frary, Assistant (10 months).....	600 00
William E. Roth, Assistant (10 months).....	600 00
Charles F. Green, Graduate Assistant (10 months).....	300 00
John S. Beekley, Graduate Assistant (10 months).....	300 00
<b>Total</b> .....	<b>\$35,950 00</b>
<b>Philosophy.</b>	
Arthur H. Daniels, Professor (Indef.).....	4,000 00
Boyd H. Bode, Professor (Indef.).....	3,500 00
Queen L. Shepherd, Instructor (10 months).....	1,300 00
Carl Haessler, Assistant (10 months).....	1,000 00
<b>Total</b> .....	<b>\$9,800 00</b>
<b>Physiology.</b>	
William E. Burge, Assistant Professor (3 years from Sept. 1, 1915).....	2,600 00
Joseph Howard Beard, Instructor (1 year).....	1,400 00
_____, Vice Neill, Assistant .....	500 00
<b>Total</b> .....	<b>\$4,500 00</b>
<b>Political Science.</b>	
James W. Garner, Professor (Indef.).....	4,000 00
John A. Fairlie, Professor (Indef.).....	3,500 00
John M. Mathews, Assistant Professor (3 years from Sept. 1, 1915).....	2,100 00
Russell M. Story, Instructor (10 months).....	1,800 00
Robert E. Cushman, Instructor (10 months).....	1,200 00
<b>Total</b> .....	<b>\$12,600 00</b>
<b>Psychology.</b>	
Madison Bentley, Professor (Indef.).....	3,250 00
Christian A. Rucksmith, Associate (2 years from Sept. 1, 1915).....	1,800 00
Carl Rahn, Instructor (10 months).....	1,500 00
_____, Assistant (10 months).....	500 00
Sophie Rogers, Graduate Assistant (10 months).....	350 00
_____, Mechanician (C. S.).....	1,000 00
<b>Total</b> .....	<b>\$8,400 00</b>
<b>Romance Languages.</b>	
Kenneth McKenzie, Professor of Romance Languages (Indef.) and Head of Department (1 year).....	4,000 00
Thomas E. Oliver, Professor (Indef.).....	3,000 00
John D. Fitz-Gerald, Professor (Indef.).....	3,000 00
David H. Carnahan, Associate Professor (Indef.).....	2,700 00
David S. Blondheim, Assistant Professor (3 years from Sept. 1, 1913).....	2,000 00
Arthur R. Seymour, Associate (2 years from Sept. 1, 1915) and Adviser to Foreign Students (1 year)†.....	2,000 00
Olin H. Moore, Associate (2 years from Sept. 1, 1915).....	1,700 00
Charles S. Carry, Assistant (10 months).....	1,200 00
Lewis Allen, Assistant (10 months).....	1,000 00
James Kessler, Assistant (10 months).....	1,000 00
Rafael Soto, Assistant (10 months).....	1,000 00
Eric R. Dawson, Assistant (10 months).....	1,000 00
Garibaldi Laguardia, Assistant (10 months).....	1,000 00
Herbert K. Stone, Assistant (10 months).....	1,000 00
<b>Total</b> .....	<b>\$25,600 00</b>

\* Total salary \$3,100. Balance \$(1,200) under Agricultural Experiment Station.

† Salary as Adviser \$500 additional.

**Sociology.**

Edward C. Hayes, Professor (Indef.).....	\$3,300 00
James Garfield Stevens, Instructor (10 months).....	1,500 00
Gordon Watkins, Assistant (10 months).....	500 00
<b>Total</b> .....	<b>\$5,300 00</b>

**Zoology.**

Henry B. Ward, Professor (Indef.).....	5,000 00
Frank Smith, Professor of Systematic Zoology (Indef.), and Curator of the Museum of Natural History (1 year).....	3,000 00
J. Sterling Kingsley, Professor (Indef.).....	3,500 00
Charles Zeleny, Professor (Indef.).....	3,000 00
Victor E. Shelford, Assistant Professor, part time (3 years) from Sept. 1, 1914) .....	2,000 00
Harley J. Van Cleave, Instructor (10 months).....	1,400 00
_____, Vice Marshall, Instructor (10 months).....	1,200 00
Henry G. May, Research Assistant (10 months).....	600 00
Bessie R. Green, Assistant (10 months).....	600 00
Jesse L. Conel, Assistant (10 months).....	600 00
Harry V. Heimbürger, Assistant (10 months).....	600 00
E. B. Powers, Assistant (10 months).....	600 00
Thomas B. Magath, Graduate Assistant (10 months).....	350 00
George M. Higgins, Graduate Assistant (10 months).....	350 00
Rachel Baumgartner, Graduate Assistant (10 months).....	350 00
J. E. Kindred, Graduate Assistant (10 months).....	300 00
Robert H. Kingman, Graduate Assistant (10 months).....	350 00
_____, Scientific Artist (10 months).....	1,000 00
_____, Technician and Storekeeper (10 months).....	1,000 00
_____, Stenographer (C. S.).....	400 00
<b>Total</b> .....	<b>\$26,200 00</b>

Grand total of salaries, College of Liberal Arts and Sciences \$405,090 00

**COLLEGE OF COMMERCE.**

N. A. Weston, Acting Dean (1 year) and Assistant Professor of Economics (Indef.) .....	\$3,250 00
M. H. Robinson, Professor of Industry and Transportation (Indef.)..	3,000 00
E. R. Dewsnup, Professor of Railway Administration (Indef.).....	3,000 00
E. L. Bogart, Professor of Economics (Indef.).....	3,500 00
Simon Litman, Assistant Professor of Economics (Indef.).....	2,500 00
R. E. Heilman, Assistant Professor of Economics (3 years from Sept. 1, 1914) .....	2,600 00
L. E. Young, Assistant Professor of Business Organization (2 years from Sept. 1, 1915).....	3,000 00
C. M. Thompson, Associate in Economics (2 years from Sept. 1, 1914)	2,500 00
W. B. Castenholz, Instructor in Accountancy and Comptroller (1 year)—salary (\$3,000) under business office.....	.....
J. G. Thompson, Instructor in Economics (10 months).....	2,000 00
W. A. Chase, Lecturer on Accountancy (10 months).....	2,400 00
H. T. Scovill, Instructor in Accountancy (10 months).....	2,200 00
_____, Instructor in Accountancy.....	2,000 00
C. L. Stewart, Instructor in Economics (10 months).....	1,800 00
H. McJohnston, Instructor in Business English and Salesmanship (10 months).....	2,000 00
W. H. Dreesen, Assistant in Economics (half time 10 months).....	600 00
E. L. McKenna, Assistant in Economics (half time 10 months).....	600 00
G. B. McMillen, Assistant in Economics (half time 10 months).....	500 00
_____, Assistant in Elementary Law.....	250 00
Student Assistance .....	300 00
R. E. Hieronymus,* Community Adviser (1 year from Sept. 1, 1915)	1,500 00
_____, Stenographer (C. S.).....	600 00
<b>Total, College of Commerce</b> .....	<b>\$40,100 00</b>

**COLLEGE OF ENGINEERING.****Office of the Dean.**

William F. M. Goss, Dean of the College of Engineering, Director of the School of Railway Engineering and Administration, Director of the Engineering Experiment Station (1 year), and Professor of Railway Engineering (Indef.).....	\$6,000 00
Harry W. Miller,† Assistant Dean of the College of Engineering (1 year), and Assistant Professor of General Engineering Drawing (3 years from Sept. 1, 1913).....	.....
L. Mae Manspeaker, Secretary to the Dean (C. S.).....	1,200 00
Sara M. Slater, Stenographer (C. S.).....	780 00
Myrtle E. Heater, Stenographer (C. S.).....	780 00
Marie A. Gordon, Stenographer (C. S.).....	720 00
Anne Ross, Stenographer (C. S.).....	660 00
<b>Total, office of the Dean</b> .....	<b>\$10,140 00</b>

\* Total salary \$3,000. Balance under Agricultural Extension.

† Salary under general engineering drawing.

**Architecture.**

Loring H. Provine, Professor of Architectural Engineering (Indef.), and Acting Head of the Department of Architecture (1 year)...	\$3,500 00
Nathan C. Ricker, Professor of Architecture (Indef.).....	3,500 00
James M. White,* Professor of Architectural Engineering (Indef.), and Supervising Architect (1 year).....	2,500 00
Newton A. Wells, Professor of Architectural Decoration (Indef.)...	2,500 00
Percy Ash, Assistant Professor of Architectural Design (3 years from Sept. 1, 1915).....	2,100 00
William C. Titcomb, Assistant Professor of Architecture (3 years from Sept. 1, 1913).....	2,200 00
Charles R. Clark, Assistant Professor of Architectural Construction (3 years from Sept. 1, 1915).....	1,800 00
Robert T. Jones, Associate in Architecture (2 years from Sept. 1, 1915).....	1,800 00
Angelo B. M. Corrubia, Associate in Architectural Design (2 years from Sept. 1, 1915).....	1,800 00
William M. Hekking, Associate in Free-hand Drawing (2 years from Sept. 1, 1915).....	1,500 00
Joseph M. Kellogg, Instructor in Architectural Design (10 months)...	1,500 00
Vice Burton, Instructor in Architecture (10 months)...	1,200 00
Ralph S. Fanning, Instructor in Architectural Design (10 months)...	1,200 00
William S. Wolfe, Instructor in Architectural Engineering (10 months).....	1,200 00
William M. Stanton, Instructor in Architectural Design (10 months)...	1,400 00
Ralph E. Muehlman, Assistant in Architectural Design (10 months)...	1,000 00
Winifred Fehrenkamp, Lecturer in the Library School and Architectural Librarian (12 months).....	600 00
Jeanette E. Craigmile, Clerk (C. S.).....	
Total, Architecture .....	\$31,300 00

**Ceramic Engineering.**

Vice Stull, Professor of Ceramic Engineering and Head of the Department.....	3,500 00
Ralph K. Hursh, Associate in Ceramic Engineering (2 years from Sept. 1, 1915).....	1,800 00
Barney S. Radcliffe, Instructor in Ceramic Engineering (10 months)...	1,500 00
A. E. Williams, Instructor in Ceramic Engineering (10 months)....	1,500 00
R. R. Danielson, Assistant in Ceramic Engineering (10 months)....	400 00
Half time Assistant in Ceramic Engineering (10 months) .....	
Total, Ceramic Engineering .....	\$9,700 00

**Civil Engineering.**

Frederick H. Newell, Professor of Civil Engineering in charge of the Department (Indef.).....	5,000 00
Ira O. Baker, Professor of Civil Engineering (Indef.).....	4,000 00
Charles A. Ellis, Professor of Structural Engineering (Indef.).....	3,000 00
Allen B. McDaniel, Assistant Professor of Civil Engineering, 3 years from Sept. 1, 1914).....	2,750 00
Wilbur M. Wilson, Assistant Professor of Structural Engineer (3 years from Sept. 1, 1915).....	2,500 00
James E. Smith, Assistant Professor of Civil Engineering (3 years from Sept. 1, 1913).....	1,800 00
Carroll C. Wiley, Associate in Civil Engineering (2 years from Sept. 1, 1915) .....	1,700 00
Neal B. Garver, Associate in Civil Engineering (2 years from Sept. 1, 1915) .....	1,700 00
George W. Pickels, Instructor in Civil Engineering (10 months)...	1,500 00
William H. Rayner, Instructor in Civil Engineering (10 months)...	1,400 00
Raymond E. Davis, Instructor in Civil Engineering (10 months)...	1,400 00
C. Stanley Sale,† Instructor in Civil Engineering and Assistant to the Director of the Engineering Experiment Station (1 year)....	1,500 00
Benjamin L. Bowling, Assistant in Cement Laboratory (12 months)...	1,000 00
Louise A. Lietz, Clerk (C. S.).....	540 00
Total, Civil Engineering.....	\$29,790 00

**Electrical Engineering.**

Ellery B. Paine, Professor of Electrical Engineering (Indef.), and Acting Head of the Department (1 year) .....	3,500 00
Morgan Brooks, Professor of Electrical Engineering (Indef.).....	3,000 00
Edward H. Waldo, Assistant Professor of Electrical Engineering (Indef.).....	2,000 00
Philip S. Biegler, Assistant Professor of Electrical Engineering (3 years from Sept. 1, 1915).....	2,200 00
Leonard V. James, Associate in Electrical Engineering (2 years from Sept. 1, 1915).....	1,800 00
Ira W. Fisk, Associate in Electrical Engineering (2 years from Sept. 1, 1915).....	1,800 00
Charles R. Moore, Associate in Electrical Engineering (2 years from Sept. 1, 1915).....	1,700 00

\* Salary (\$5,000) under office of the Supervising Architect.

† Total salary \$3,000. Balance under Engineering Experiment Station.

Abner R. Knight, Associate in Electrical Engineering (2 years from Sept. 1, 1915).....	\$1,700 00
John W. Davis, Instructor in Electrical Engineering (10 months)...	1,400 00
Walter S. Goodspeed, Mechanician (C. S.).....	1,080 00
Eleanor M. Glenn, Clerk (C. S.).....	660 00
<b>Total, Electrical Engineering</b> .....	<b>\$20,840 00</b>
<b>General Engineering Drawing.</b>	
Harry W. Miller, Assistant Professor of General Engineering Drawing (3 years from Sept. 1, 1913), and Assistant Dean of the College of Engineering (1 year).....	2,400 00
Robert K. Steward, Associate in General Engineering Drawing (2 years from Sept. 1, 1915).....	2,000 00
Francis M. Porter, Associate in General Engineering Drawing (2 years from Sept. 1, 1915).....	1,600 00
Harvey H. Jordan, Associate in General Engineering Drawing (2 years from Sept. 1, 1915).....	1,600 00
Rufus Crane, Instructor in General Engineering Drawing (10 months).....	1,000 00
Albert F. Westlund, Instructor in General Engineering Drawing (10 months).....	1,000 00
Clarence A. Atwell, Instructor in General Engineering Drawing (10 months).....	1,000 00
Robert E. Murphy, half-time Assistant in General Engineering Drawing (10 months).....	300 00
<b>Total, General Engineering Drawing</b> .....	<b>\$10,900 00</b>
<b>Mechanical Engineering.</b>	
Charles R. Richards, Professor of Mechanical Engineering, in charge of the department (Indef.).....	5,500 00
George A. Goodenough, Professor of Thermodynamics (Indef.).....	3,500 00
Louis A. Harding, Professor of Experimental Mechanical Engineering (Indef.).....	3,500 00
Bruce W. Benedict, Director of Shop Laboratories (Indef.).....	3,500 00
Oscar A. Leutwiler, Professor of Machine Design (Indef.).....	3,000 00
Arthur C. Willard, Assistant Professor of Heating and Ventilation (3 years from Sept. 1, 1913).....	2,700 00
John A. Dent, Associate in Mechanical Engineering (2 years from Sept. 1, 1915).....	1,800 00
Arthur B. Domonoske, Instructor in Machine Design (10 months)...	1,600 00
Harry W. Waterfall, Instructor in Machine Design (10 months).....	1,600 00
Harry F. Godeke, Instructor in Mechanical Engineering (10 months).....	1,400 00
Frederick C. Torrance, Instructor in Mechanical Engineering (10 months).....	1,200 00
Edwin Frank, Instructor in Mechanical Engineering (10 months)...	1,300 00
Horatio S. McDewell, Instructor in Mechanical Engineering (10 months).....	1,300 00
Edgar T. Lanham, Instructor in Forge Work (10 months).....	1,200 00
Robert E. Kennedy, Instructor in Foundry Practise (10 months).....	1,500 00
Gustav H. Radebaugh, Instructor in Machine Shop Practise (10 months).....	1,500 00
Gustave A. Gross, Instructor in Pattern Making (10 months).....	1,500 00
J. Harvey Hogue, Instructor in Foundry Practise (10 months).....	1,200 00
Jeremiah A. DeTurk, Instructor in Machine Shop Practise (10 months).....	1,300 00
James M. Duncan, Assistant in Pattern Making (10 months).....	900 00
Peter J. Rebman, Assistant in Forge Work (10 months).....	900 00
John A. Frisk, Assistant in Mechanical Engineering, and Mechanician in Mechanical Engineering Laboratory (12 months).....	1,100 00
W. E. Alley, Mechanician in Mechanical Engineering Laboratory (C. S.).....	1,200 00
J. O. Lonius, Mechanician in the Shop Laboratories (C. S.).....	1,080 00
B. L. Winchester, Toolroom Attendant in Mechanical Engineering Laboratory (C. S.).....	650 00
_____, Toolroom Attendant in Machine Shop (C. S.).....	600 00
_____, Toolroom Attendant in Wood Shop (C. S.).....	600 00
_____, Vice Postlewait, Clerk (C. S.).....	600 00
<b>Total, Mechanical Engineering</b> .....	<b>\$47,730 00</b>
<b>Mining Engineering.</b>	
Harry H. Stoek, Professor of Mining Engineering, in charge of the department (Indef.).....	5,000 00
Elmer A. Holbrook, Assistant Professor of Mining Engineering (3 years from Sept. 1, 1913).....	2,750 00
Stephen O. Andros,* Assistant Professor of Mining Research (1 year from Sept. 1, 1915).....	.....
Alfred C. Callen, Instructor in Mining Engineering (10 months)....	1,500 00
_____, Mechanician in the Department of Mining Engineering (C. S.).....	900 00
Florence A. Nyberg, Clerk (C. S.).....	660 00
<b>Total</b> .....	<b>\$10,810 00</b>

\* Salary under Coal Mining Investigations.

**Municipal and Sanitary Engineering and Theoretical and Applied Mechanics.**

Arthur N. Talbot, Professor of Municipal and Sanitary Engineering; in charge of Theoretical and Applied Mechanics (Indef.).....	\$5,000 00
Melvin L. Enger, Assistant Professor of Mechanics and Hydraulics (3 years from Sept. 1, 1915).....	2,500 00
Paul Hansen,* Associate in Sanitary Engineering (1 year).....	.....
Fred B. Seely, Associate in Theoretical and Applied Mechanics (2 years from Sept. 1, 1915).....	2,000 00
Virgil R. Fleming, Associate in Theoretical and Applied Mechanics (2 years from Sept. 1, 1915).....	1,800 00
George P. Boomsliiter, Associate in Theoretical and Applied Mechanics (2 years from Sept. 1, 1915).....	1,800 00
Newton E. Ensign, Associate in Theoretical and Applied Mechanics (2 years from Sept. 1, 1915).....	1,700 00
Clarence E. Noerenberg, Instructor in Theoretical and Applied Mechanics (10 months).....	1,700 00
Harold E. Babbitt, Instructor in Municipal and Sanitary Engineering (10 months).....	1,600 00
Harry Gardner, Instructor in Theoretical and Applied Mechanics (10 months).....	1,500 00
Alexander Vallance, Instructor in Theoretical and Applied Mechanics (10 months).....	1,500 00
William J. Putnam, Instructor in Theoretical and Applied Mechanics (10 months).....	1,300 00
Robert Pergande, Mechanician in the Laboratory of Applied Mechanics (C. S.).....	1,140 00
Kenneth Hathaway, Clerk in the Departments of Municipal and Sanitary Engineering and Theoretical and Applied Mechanics (C. S.).....	660 00

Total, Municipal and Sanitary Engineering and Theoretical and Applied Mechanics ..... \$24,200 00

**Physics.**

Albert P. Carman, Professor (Indef.).....	\$5,000 00
Charles T. Knipp, Associate Professor of Experimental Electricity (Indef.).....	3,000 00
Floyd R. Watson, Associate Professor of Experimental Physics (Indef.).....	3,000 00
Jakob Kunz, Associate Professor of Mathematical Physics (Indef.).....	2,750 00
William F. Schulz, Assistant Professor of Physics (Indef.).....	2,200 00
Elmer H. Williams, Associate in Physics (3 years from Sept. 1, 1914).....	1,800 00
Oscar A. Randolph, Assistant in Physics (10 months).....	1,100 00
William H. Hyslop, Assistant in Physics (10 months).....	1,000 00
Earle H. Warner, Assistant in Physics (10 months).....	1,050 00
Sebastian Karrer, Assistant in Physics (10 months).....	800 00
Jonas B. Nathanson, Assistant in Physics (10 months).....	800 00
Charles F. Hill, Assistant in Physics (10 months).....	750 00
Paul L. Bayley, part-time Assistant in Physics (10 months).....	500 00
Charles S. Frazel, part-time Assistant in Physics (10 months).....	500 00
_____, part-time Assistant in Physics (10 months).....	500 00
James B. Hays, Mechanician and Instrument-maker (C. S.).....	1,200 00
_____, Assistant Mechanician (C. S.).....	840 00
Henry T. Wyninger, Storekeeper (C. S.).....	720 00
Della M. Rogers, Clerk (C. S.).....	600 00

Total, Physics ..... \$28,110 00

**Railway Engineering.**

Edward C. Schmidt, Professor of Railway Engineering (Indef.)....	4,500 00
John M. Snodgrass, Assistant Professor of Railway Mechanical Engineering (3 years from Sept. 1, 1914).....	2,500 00
Alonzo M. Buck, Assistant Professor of Railway Electrical Engineering (3 years from Sept. 1, 1915).....	2,000 00
Arthur F. Comstock, Associate in Railway Civil Engineering (2 years from Sept. 1, 1915).....	2,000 00
Milton Ressler, Mechanician (C. S.).....	960 00
_____, Laboratory Attendant (C. S.).....	720 00
Bertha G. States, Clerk (C. S.).....	660 00

Total, Railway Engineering ..... \$13,340 00

**ENGINEERING EXPERIMENT STATION.**

William F. M. Goss,† Director of the Engineering Experiment Station (1 year).....	.....
C. Stanley Sale,‡ Assistant to the Director and Instructor in Civil Engineering (1 year).....	\$1,500 00
Herbert F. Moore, Research Professor of Engineering Materials in the Department of Theoretical and Applied Mechanics (Indef.)..	3,000 00

\* Salary under State Water Survey.

† For salary see Office of the Dean.

‡ Total salary \$3,000; balance (\$1,500) under department of civil engineering.



Samuel W. Parr,* Professor of Applied Chemistry in the Department of Chemistry (Indef.).....	\$2,000 00
Willis A. Slater, Research Assistant Professor of Applied Mechanics (3 years from Sept. 1, 1915).....	2,000 00
Alonzo P. Kratz, Research Associate in the Department of Mechanical Engineering (2 years from Sept. 1, 1915).....	1,800 00
Robert B. Keller, First Assistant in the Department of Railway Engineering (12 months).....	2,000 00
Trygve D. Yensen, First Assistant in the Department of Electrical Engineering (12 months).....	1,800 00
Harrison F. Gonneman, First Assistant in the Department of Theoretical and Applied Mechanics (12 months).....	1,800 00
Harold H. Dunn, Assistant in the Department of Railway Engineering (12 months).....	1,600 00
Leroy A. Wilson, First Assistant in the Department of Mechanical Engineering (12 months).....	1,500 00
_____, Stenographer in the Engineering Experiment Station, vice Humrichouse (C. S.).....	600 00
Total, Engineering Experiment Station.....	\$19,600 00

**COAL MINING INVESTIGATIONS.**

Stephen O. Andros, Assistant Professor of Mining Research (1 year from Sept. 1, 1915).....	\$2,400 00
Ethel M. Walsh, Stenographer for the Coal Mining Investigations (C. S.).....	600 00
Total, coal mining investigations.....	\$3,000 00
Total, salaries, College of Engineering, Engineering Experiment Station, and coal mining investigations.....	\$259,460 00

**COLLEGE OF AGRICULTURE AND AGRICULTURAL EXPERIMENT STATION.****Administration.**

Eugene Davenport, Dean of the College, Director of the Station, and Director of Agricultural Extension Service (1 year), and Professor of Thremmatology, College (Indef.).....	\$6,000 00
Henry L. Rietz,† Statistician, Experiment Station (Indef.).....	1,200 00
Walter F. Handschin,‡ Vice Director of Extension Service, State Leader of County Advisers, rank of Assistant Professor (three-fourths time, 3 years from Sept. 1, 1915).....	1,125 00
George N. Coffey,§ Assistant State Leader (1 year).....	1,400 00
Roy Hansen, Assistant, Nitrogen Fixation Research, Station (1 year).....	1,200 00
Anna C. Glover, Secretary, Experiment Station.....	1,500 00
Florence E. Smith, Chief Editorial Assistant, Station (C. S.).....	1,200 00
Jeanette C. Devine, Secretary to Dean and Director, College and Station (C. S.), beginning August 1, 1915.....	840 00
Total.....	\$14,465 00

**Agronomy.**

Cyril G. Hopkins, Professor of Agronomy, College, Chief in Agronomy and Chemistry, Station (Indef.), and Vice Director, Station (1 year).....	5,500 00
Jeremiah G. Mosier, Professor of Soil Physics, College, and Chief in Soil Physics, Station (Indef.).....	4,000 00
Louie Henrie Smith, Professor of Plant Breeding, College, and Chief in Plant Breeding, Station (Indef.).....	3,500 00
_____, Vice Pettit, Professor of Soil Fertility, College, and Chief in Soil Fertility, Station.....	3,000 00
_____, Vice Hegnauer, Professor of Crop Production, College, and Chief in Crop Production, Station.....	2,800 00
Axel F. Gustafson, Assistant Professor of Soil Physics, College, and Assistant Chief in Soil Physics, Station (2 years from Sept. 1, 1915).....	2,400 00
Ernest Van Alstine, Assistant Chief in charge of Soils Laboratory, Station, rank, Assistant Professor (3 years from Sept. 1, 1915).....	2,500 00
Joseph P. Aumer, Associate in Chemistry, Station (1 year).....	1,800 00
Frederick C. Bauer, Associate in Soil Fertility, College and Station (1 year).....	2,100 00
Ira W. Dickerson, Associate in Farm Mechanics, College (2 years from Sept. 1, 1915).....	1,800 00
Karl J. T. Ekblaw, Associate in Farm Mechanics, College, (2 years from Sept. 1, 1915).....	1,800 00
Walter B. Gernert, Associate in Plant Breeding, College and Station (2 years from Sept. 1, 1915).....	2,100 00
Sidney V. Holt, Associate in Soil Physics, Station (2 years from Sept. 1, 1915).....	2,000 00
Ezekiel E. Hoskins, Associate in Soil Fertility, Station (1 year)...	2,000 00
Clarence C. Logan, Associate in Soils Extension, Station (1 year)...	1,800 00

\* Total salary \$4,000; balance (\$2,000) under department of chemistry.

† Balance of salary (\$1,900) under Mathematics.

‡ Total salary \$3,000; balance paid from agronomy and Smith-Lever funds.

§ Total salary \$2,800; balance paid from U. S. Department of Agriculture and Smith-Lever funds.

Ward H. Sachs, Associate in Chemistry, Station (1 year).....	\$1,800 00
Henry C. Wheeler, Associate in Soil Physics, Station (2 years from Sept. 1, 1915).....	2,000 00
John E. Whitechurch, Associate in Soil Fertility, Station, (2 years from Sept. 1, 1915).....	1,800 00
Albert L. Whiting, Associate in Soil Biology, College and Station (2 years from Sept. 1, 1915).....	2,100 00
_____, Vice Burlison, Associate in Crop Production, College and Station (part time).....	1,400 00
_____, Vice Stewart, Associate in Soil Physics, College and Station .....	1,800 00
Wilber R. Leighty, First Assistant in Chemistry, Station (1 year) ..	1,600 00
Marvin E. Jahr, Instructor in Farm Mechanics, College (1 year) ..	1,600 00
Frank W. Garrett, First Assistant in Soil Fertility, Station (1 year) ..	1,600 00
Elmer T. Ebersol, Instructor in Crop Production, College (1 year) ..	1,200 00
Frederick M. W. Wascher, First Assistant in Soil Physics, Station (1 year) .....	1,600 00
Chester O. Reed, Instructor in Farm Mechanics, College (1 year) ..	1,600 00
Clyde R. Newell, Instructor in Farm Mechanics, College (1 year) ..	1,400 00
Forrest A. Fisher, Instructor in Soil Physics, College, and First Assistant in Soil Physics, Station (1 year).....	1,600 00
Orr Allyn, Instructor in Crop Production, College, and First Assistant in Crop Production, Station (1 year).....	1,400 00
Edward H. Walworth, Assistant in Crop Production, College and Station (1 year).....	1,200 00
Edward F. Torgerson, Assistant in Soil Physics, Station (1 year) ..	1,000 00
Howard J. Snider, Assistant in Soil Fertility, College and Station (1 year) .....	1,200 00
Warren R. Schoonover, Assistant in Soil Fertility, College and Assistant in Soil Biology, Station (1 year).....	1,200 00
Harry C. Gilkerson, Assistant in Soil Fertility, College and Station (1 year) .....	1,200 00
George E. Gentle, Assistant in Soil Physics, Station (1 year).....	1,200 00
Harrison F. T. Fahrnkopf, Assistant in Soil Fertility, College and Station (1 year).....	1,200 00
Orland I. Ellis, Assistant in Soil Physics, Station (1 year).....	1,200 00
Robert W. Dickenson, First Assistant in Soil Physics, Station (1 year) .....	1,400 00
Henry A. deWet, Assistant in Soil Physics, Station (1 year) .....	1,000 00
Clinton B. Clevenger, Assistant in Chemistry, Station (1 year).....	1,200 00
_____, Vice Fisher, Assistant in Soil Fertility, College and Station .....	840 00
Arthur M. Brunson, Assistant in Plant Breeding, Station (1 year) ..	1,200 00
Friedel C. Richey, Assistant in Soil Physics, College and Station (12 months) .....	840 00
Alfred T. Morison, Assistant in Crop Production, College and Station (12 months) .....	840 00
_____, Vice Binding, Assistant in Chemistry, Station.....	840 00
_____, Assistant in Soil Physics, Station.....	840 00
_____, Vice Niederman, Assistant in Chemistry, Station.....	840 00
Emma L. Custer, Chief Clerk and Bookkeeper (C. S.) .....	900 00
Vera M. Davis, Stenographer (C. S.) .....	660 00
Verna Manley, Stenographer (C. S.) .....	600 00
William A. McIntire, Record Clerk (C. S.) .....	600 00
Mary B. McMillan, Stenographer (C. S.) .....	600 00
Mary W. Millar, Clerk (C. S.) .....	840 00
Sybil Nagle, Stenographer (C. S.) .....	660 00
_____, Assistant Artist (C. S.) .....	720 00
Emma Rohweder, Stenographer (C. S.) .....	540 00
Daniel Vaubel, Stenographer (C. S.) .....	840 00
Total, Agronomy .....	\$89,800 00

**Animal Husbandry.**

Herbert W. Mumford, Professor of Animal Husbandry, College, and Chief in Animal Husbandry, Station (Indef.).....	5,000 00
Walter C. Coffey, Professor of Sheep Husbandry, College, and Chief in Sheep Husbandry, Station (Indef.).....	3,500 00
Harry S. Grindley, Professor of Animal Nutrition, College, and Chief in Animal Nutrition, Station (Indef.).....	4,000 00
_____, Vice McIntosh, Professor of Veterinary Science, College .....	2,500 00
John A. Detlefsen, Assistant Professor of Genetics, College, and Assistant Chief in Genetics, Station (3 years from Sept. 1, 1915) ..	2,700 00
James L. Edmonds, Assistant Professor of Horse Husbandry, College, and Assistant Chief in Horse Husbandry, Station (3 years from Sept. 1, 1913) .....	2,800 00
Henry P. Rusk, Assistant Professor of Cattle Husbandry, College, and Assistant Chief in Cattle Husbandry, Station (3 years from Sept. 1, 1913) .....	2,800 00
Walter F. Handschin,* Assistant Professor of Farm Management in Animal Husbandry, College, and Assistant Chief in Farm Management in Animal Husbandry, Station, (3 years from Sept. 1, 1915) .....	750 00

\* See also under Administration.

....., Vice Hall, Assistant Professor of Animal Husbandry, College, and Assistant Chief in Animal Husbandry, Station.....	\$2,500 00
D. O. Barto, Associate in Animal Husbandry, College (2 years from Sept. 1, 1915) .....	2,400 00
Sleefer Bull, Associate in Animal Nutrition, College and Station (2 years from Sept. 1, 1915).....	1,800 00
Walter E. Joseph, Associate in Animal Husbandry, College and Station (1 year).....	1,800 00
Harold H. Mitchell, Associate in Animal Nutrition, College and Station (2 years from Sept. 1, 1915).....	1,800 00
William H. Smith, Associate in Animal Husbandry Extension, College and Station (2 years from Sept. 1, 1915).....	2,000 00
James B. Andrews, Instructor in Animal Husbandry, College, and First Assistant in Animal Husbandry, Station (1 year).....	1,400 00
Elmer Roberts, Instructor in Genetics, College, and First Assistant in Genetics, Station (12 months, two-thirds time).....	1,000 00
Wilbur J. Carmichael, Instructor in Animal Husbandry, College, and First Assistant in Animal Husbandry, Station (12 months)...	1,700 00
Charles I. Newlin, Instructor in Animal Husbandry, College, and First Assistant in Animal Husbandry, Station (12 months).....	1,400 00
....., Vice Yoke, Instructor in Animal Husbandry, College, and First Assistant in Animal Husbandry, Station (12 months)...	1,400 00
Roscoe R. Snapp, Instructor in Animal Husbandry, College, and First Assistant in Animal Husbandry, Station (12 months).....	1,700 00
Claude Harper, Assistant in Animal Husbandry, College and Station (12 months) .....	1,000 00
Mary H. Keith, Assistant in Animal Nutrition, Station (12 months)...	1,300 00
Roy H. Wilcox, Assistant in Animal Husbandry, College and Station (three-fourths time, 12 months).....	1,200 00
James W. Whisenand, Assistant in Animal Husbandry, College and Station (12 months).....	1,200 00
Earl K. Augustus, Assistant in Animal Husbandry, College and Station (12 months) .....	1,000 00
M. E. Slater, Assistant in Animal Nutrition, College and Station (12 months) .....	1,000 00
Joseph R. Zeisenheim, Assistant in Animal Nutrition, College and Station (half time, 12 months).....	500 00
William A. K. Morkel, Assistant in Animal Husbandry, College (one-third time, 12 months).....	300 00
Lawrence E. Thorne, Assistant in Agricultural Statistics and Genetics, College and Station (half time, 12 months).....	600 00
William G. Kammlade, Assistant in Animal Husbandry, College and Station (half time, 12 months).....	500 00
....., Assistant (12 months).....	840 00
....., Assistant (half time, 12 months).....	500 00
Martha E. Taft, University Secretary (C. S.).....	840 00
....., University Secretary (C. S.).....	900 00
Jessie R. Beedles, Stenographer (C. S.).....	780 00
Evelena Bowen, Stenographer (C. S.).....	840 00
Mabel Halliday, Stenographer (C. S.).....	720 00
Bess Riggs, Stenographer (C. S.).....	540 00
Hazel Rock, Stenographer (C. S.).....	660 00
Total, Animal Husbandry .....	\$60,170 00
<b>Dairy Husbandry.</b>	
Harry A. Harding, Professor of Dairy Bacteriology, College, and Chief in Dairy Bacteriology, Station (Indef.).....	5,000 00
Wilber J. Fraser,* Professor of Dairy Farming, College, and Chief in Dairy Farming, Station (Indef.).....	1,750 00
Martin J. Prucha, Assistant Professor of Dairy Bacteriology, College, and Assistant Chief in Dairy Bacteriology, Station (3 years from Sept. 1, 1913).....	2,500 00
Nelson W. Hepburn, Assistant Professor of Dairy Manufactures, College, and Assistant Chief in Dairy Manufactures, Station (3 years from Sept. 1, 1913).....	2,500 00
....., Assistant Professor of Dairy Chemistry, College, and Assistant Chief in Dairy Chemistry, Station.....	2,800 00
....., Assistant Professor of Dairy Physiology, College, and Assistant Chief in Dairy Physiology, Station.....	2,800 00
William T. Crandall, Associate in Milk Production, College and Station (2 years from Sept. 1, 1915).....	1,800 00
Leroy Lang, Associate in Dairy Manufactures, College and Station (2 years from Sept. 1, 1915).....	2,400 00
Edward F. Kohmann, Associate in Dairy Chemistry, College and Station (2 years from Sept. 1, 1915).....	2,000 00
Ray S. Hulce, Associate in Milk Production, College and Station (2 years from Sept. 1, 1915).....	1,800 00
Harrison A. Ruehe, Associate in Dairy Manufactures, College and Station (2 years from Sept. 1, 1915).....	1,800 00
Frank A. Pearson, First Assistant in Dairy Husbandry, Station (12 months) .....	1,600 00
....., Vice Keller, Instructor in Dairy Manufactures, College (12 months) .....	1,400 00

\* On leave of absence on half salary.

William B. Nevins, Assistant in Dairy Husbandry, College and Station (12 months).....	\$1,000 00
Frank B. Turner, Assistant in Dairy Husbandry, Station (12 months).....	1,000 00
Harry M. Weeter, Assistant in Dairy Husbandry, Station (half time, 12 months).....	700 00
William W. Yapp, Instructor in Dairy Husbandry, College, and First Assistant in Dairy Husbandry, Station (12 months).....	1,400 00
Paul W. Allen, Assistant in Dairy Bacteriology, College and Station two-thirds time, 12 months).....	1,000 00
Leighton J. True, Assistant in Dairy Manufactures, College and Station (12 months).....	1,000 00
Harold Kirk Rulison, Assistant in Dairy Husbandry, Station (12 months).....	900 00
William Harold Chambers, Assistant in Dairy Bacteriology, Station half time, 12 months).....	450 00
Hazel Clemence, University Secretary (C. S.).....	840 00
Helen A. Peters, Editorial Assistant (C. S.).....	780 00
_____, Vice White, Stenographer (C. S.).....	840 00
_____, Vice Becker, Stenographer (C. S.).....	600 00
Nellie Hayward, Saleswoman in Creamery (C. S.).....	720 00
Alice Probst, Typist (C. S.).....	600 00
_____, Vice Campbell, Typist (C. S.).....	600 00
_____, Typist (C. S.).....	540 00
<b>Total, Dairy Husbandry .....</b>	<b>\$43,120 00</b>
<b>Horticulture.</b>	
Joseph C. Blair, Professor of Horticulture, College, and Chief in Horticulture, Station (Indef.).....	5,000 00
Charles S. Crandall, Professor of Pomology, College and Chief in Plant Breeding, Station (Indef.).....	3,500 00
John W. Lloyd,* Professor of Olericulture, College, and Chief in Olericulture, Station (Indef.).....	1,750 00
Charles M. Robinson, Professor of Civic Design, College (part time, 1 year).....	1,800 00
Herman B. Dornier, Assistant Professor of Floriculture, College, and Assistant Chief in Floriculture, Station (3 years from Sept. 1, 1915).....	3,000 00
Wilhelm Miller, Assistant Professor of Landscape Horticulture, College (12 months).....	3,000 00
Bethel S. Pickett, Assistant Professor of Pomology, College, and Assistant Chief in Pomology, Station (3 years from Sept. 1, 1915).....	3,200 00
Ralph R. Root, Assistant Professor of Landscape Gardening, College (3 years from Sept. 1, 1915).....	2,800 00
Ira D. Allison, Associate in Horticulture, College and Station (1 year).....	1,800 00
Ernest W. Bailey, Assistant Professor of Pomology, College, and Assistant Chief in Plant Breeding, Station (2 years from Sept. 1, 1915).....	2,400 00
Simeon J. Bole, Associate in Pomology, College and Station (1 year).....	1,800 00
Charles E. Durst, Associate in Olericulture, College and Station (1 year).....	2,100 00
John J. Gardner, Associate in Pomology, College and Station (1 year).....	2,000 00
Warren A. Ruth, Associate in Horticultural Chemistry, Station half time, (1 year).....	1,000 00
Oscar S. Watkins, Associate in Horticultural Chemistry, College and Station (2 years from Sept. 1, 1915).....	2,400 00
Frederick N. Evans, Associate in Landscape Gardening, College (1 year).....	1,800 00
George L. Peltier, Associate in Pathological Floriculture, Station (2 years from Sept. 1, 1915).....	1,600 00
Alfred J. Gunderson, Instructor in Pomology, College and First Assistant in Pomology, Station (12 months).....	1,600 00
Fred W. Muncie, Associate in Floricultural Chemistry, Station (2 years from Sept. 1, 1915).....	1,500 00
Frank A. C. Smith, Associate in Landscape Design, College (1 year).....	1,800 00
Frank L. Venning, Instructor in Landscape Design, College (12 months).....	1,200 00
_____, Vice Thomas Bregger, First Assistant in Plant Breeding, Station.....	1,400 00
L. D. Tilton, Assistant in Landscape Extension, College (12 months).....	1,000 00
Howard D. Brown, Assistant in Olericulture, College and Station (12 months).....	1,000 00
August G. Hecht, Assistant in Floriculture, College and Station (12 months).....	1,000 00
James Hutchinson, Assistant in Floriculture, Station (12 months).....	1,400 00
Arthur S. Colby, Assistant in Pomology, College (two-thirds time, 12 months).....	1,000 00
Duane T. Englis, Assistant in Floricultural Chemistry, College and Station (half-time, 12 months).....	720 00
E. G. Lauterbach, Assistant in Pathological Floriculture, Station (half-time, 12 months).....	400 00

\* On leave of absence on half salary.

William S. Brock, Instructor in Pomology, College, and First Assistant in Pomology, Station (12 months).....	\$1,000 00
William K. Palmer, Instructor in Floriculture, College, and First Assistant in Floriculture, Station (12 months).....	1,000 00
Edward A. Schwing, Assistant in Plant Breeding, Station (12 months) .....	840 00
_____, Vice Blaney, Assistant in Landscape Extension, College .....	1,400 00
_____, Vice Miles, Assistant in Floriculture, College and Station (half-time, 12 months).....	500 00
_____, Editorial Assistant (C. S.).....	900 00
Mildred E. Buckles, Stenographer (C. S.).....	780 00
Hazel W. Cover, Stenographer (C. S.).....	780 00
Lawrence D. Lahr, Stenographer and Record Keeper (C. S.).....	720 00
Hazel Rhoades, Stenographer and Record Keeper (C. S.).....	780 00
_____, Stenographer and Record Keeper (C. S.).....	600 00
_____, Stenographer (C. S.).....	540 00
Total, Horticulture .....	\$64,810 00
<b>Household Science.</b>	
Isabel Bevier, Professor of Household Science (Indef.), Director of the courses in Household Science (1 year), College.....	3,500 00
Nellie E. Goldthwaite, Assistant Professor of Household Science, College (3 years from Sept. 1, 1914).....	2,500 00
Ruth Wheeler, Assistant Professor of Household Science, College (2 years from Sept. 1, 1915).....	2,000 00
Cora E. Gray, Associate in Household Science, College (2 years from Sept. 1, 1915).....	1,500 00
Lurene Seymour, Associate in Household Science, College (2 years from Sept. 1, 1915).....	2,000 00
Mamie Bunch,* State Leader in Home Economics Demonstration, College, and in charge of Household Science Extension (1 year) ..	1,000 00
Florence Harrison, Associate in Household Science and Director of the Lunch Room, College (2 years from Sept. 1, 1915).....	1,500 00
Maude E. Parsons, Associate in Household Science, College (2 years from Sept. 1, 1915).....	1,700 00
Georgia Fleming, Instructor in Textiles, College (12 months).....	1,200 00
Greta Gray, Instructor in Household Science, College (12 months) ..	1,300 00
Margaret B. Stanton, Instructor in Household Science, College (12 months) .....	1,400 00
Grace E. Stevens, Instructor in Household Science, College (12 months) .....	1,400 00
Anna W. Williams, Instructor in Household Science, College (12 months) .....	1,200 00
Olive Percival,* Assistant in Home Economics Extension Service (12 months).....	600 00
Fanny Brooks,† Assistant in Home Economics Demonstration Service (12 months) .....	.....
_____, Vice Bernice Wilson, Lunch Room Attendant (half-time) .....	600 00
_____,‡ Assistant in Home Economics Demonstration Service .....	.....
Bessie E. Packard, Office Assistant (C. S.).....	900 00
Total, Household Science .....	\$24,300 00
<b>Agricultural Extension.</b>	
Fred H. Rankin, Superintendent of Agricultural College Extension, College (Indef.), and Assistant to the Dean, College (1 year)....	3,500 00
R. E. Hieronymus,§ Community Adviser (1 year).....	1,500 00
Aretas W. Nolan, Assistant Professor of Agricultural Extension, College (Indef.) .....	2,400 00
Albert W. Jamison, Assistant Superintendent of Agricultural College Extension, College, rank of Assistant Professor, (3 years from Sept. 1, 1915).....	2,500 00
J. H. Checkley, Assistant in Agricultural Extension, College (12 months) .....	1,400 00
_____,** Associate in Junior Extension (Boys' and Girls' club work) .....	900 00
Edith Lillian Jay, Stenographer (C. S.).....	660 00
Total, Agricultural Extension .....	\$12,860 00
<b>Veterinary Science.</b>	
Donald McIntosh (retiring allowance).....	1,650 00
Total, College of Agriculture and Agricultural Experiment Station .....	\$311,175 00

\* Total salary \$2,000; receives \$1,000 from Lever fund.

† Total salary \$1,200; receives \$600 from Lever fund.

‡ Salary of \$1,200 paid from Lever fund.

§ Jointly with College of Commerce; total salary \$3,000.

\*\* Total salary \$1,800 to \$2,400; one-half paid by U. S. Department of Agriculture.

**COLLEGE OF LAW.**

Oliver A. Harker,* Dean (1 year), Professor (Indef.), and Legal Counsel (1 year).....	\$4,000 00
Frederick Green, Professor (Indef.).....	3,750 00
Edward H. Decker, Professor (Indef.), Acting Librarian (1 year)....	3,500 00
John N. Pomeroy, Professor (1 year).....	3,100 00
Chester G. Vernier, Professor (Indef.).....	3,750 00
William G. Hale, Professor (Indef.), Secretary of the Faculty (1 year)	3,500 00
Charles E. Carpenter, Assistant Professor (1 year).....	2,500 00
<b>Total</b> .....	<b>\$24,100 00</b>

**GRADUATE SCHOOL.**

David Kinley, Vice President, Dean of the Graduate School (1 year), and Professor of Economics (Indef.). (Salary as Vice President \$1,000 additional) .....	\$6,000 00
_____, Research Assistant in Dean's office (10 months).....	600 00
_____, Research Assistant for Professor Noyes (10 months)....	900 00
_____, Research Assistant for Professor Washburn (11 months)	660 00
Lida E. Voigt, Clerk and Stenographer (C. S.).....	1,200 00
<b>Total, Graduate School</b> .....	<b>\$9,360 00</b>

**LIBRARY SCHOOL.**

Phineas L. Windsor, Director of the Library and Library School (1 year) (salary under Library).....	.....
Frances Simpson, Assistant Professor of Library Economy (Indef.), and Assistant Director (1 year).....	\$2,200 00
Florence R. Curtis, Associate in Library Economy (2 years from Sept. 1, 1915) .....	1,700 00
Ernest J. Reece, Associate in Library Economy (2 years from Sept. 1, 1915) .....	1,800 00
Ethel Bond, Instructor in Library Economy and Catalog Reviser (1 year) .....	1,200 00
Emma Felsenthal, Instructor in Library Economy and Reference Assistant (1 year) (salary under Library) .....	.....
Edna Lyman Scott, Special Lecturer on Children's Literature (5 weeks)	250 00
Alma M. Penrose, Reviser and Assistant (9 months from Sept. 1, 1915) .....	675 00
Salaries of Summer Session, 1916.....	650 00
<b>Total, Library School</b> .....	<b>\$8,475 00</b>

**SCHOOL OF MUSIC.**

John Lawrence Erb, Director and University Organist (1 year).....	\$3,000 00
George F. Schwartz, Assistant Professor (3 years from Sept. 1, 1914)	2,200 00
Constance Barlow-Smith, Assistant Professor (3 years from Sept. 1, 1913) .....	2,000 00
H. J. van den Berg, Instructor (10 months).....	1,800 00
A. A. Harding,† Instructor (1 year).....	1,000 00
H. D. Nasmyth, Instructor (10 months).....	1,700 00
E. W. Morphy, Instructor (10 months).....	1,700 00
Edna A. Treat, Instructor (10 months).....	1,000 00
_____, Vice Townsend, Instructor (10 months).....	1,200 00
_____, Vice Kirkup, Instructor (10 months).....	1,000 00
_____, Vice Simon, Instructor (10 months).....	1,000 00
<b>Total</b> .....	<b>\$17,600 00</b>

**SCHOOL OF PHARMACY.**

W. B. Day, Acting Dean and Actuary (1 year).....	\$1,300 00
W. B. Day, Professor of Materia Medica and Botany (1 year).....	1,200 00
C. M. Snow, Assistant Professor (1 year).....	1,800 00
A. H. Clark, Assistant Professor (1 year).....	1,800 00
E. N. Gathercoal, Instructor (1 year).....	1,300 00
B. L. Eicher, Instructor (1 year).....	1,000 00
H. W. Colson, Instructor (1 year).....	1,000 00
Bernard Fantus, Lecturer (1 year).....	200 00
Four Student Assistants at \$75 each.....	300 00
M. Scanlon, Stenographer (C. S.).....	840 00
<b>Total</b> .....	<b>\$10,740 00</b>

**THE LIBRARY.**

<b>Administration.</b>	
Phineas L. Windsor, Director of the Library and Library School (1 year) .....	\$3,800 00
_____, General Assistant (C. S.).....	900 00
_____, Vice Conat, General Assistant (C. S.).....	650 00
_____, Vice England, General Assistant (C. S.).....	650 00
_____, Vice Karsten, Secretary (C. S.).....	900 00

\* Total salary \$5,000; balance (\$1,000) charged to office of legal counsel.

† Additional salary as Director of the Bands, (\$1,100) under Military Department.

Nora Kirwan, Stenographer (C. S.)	\$780 00
Cornelia M. Luther, Stenographer (C. S.)	540 00
Total, Administration	\$8,220 00

**Order Department.**

F. K. W. Drury, Lecturer in the Library School and Assistant Librarian (1 year)	2,500 00
Myrtle Renz, Order Assistant (C. S.)	1,000 00
Clara Ricketts, Order Assistant (C. S.)	840 00
Persis Putnam, Secretary and Bookkeeper (C. S.)	1,000 00
Charles E. Graves, Lecturer in the Library School and Exchange Assistant (1 year)	1,400 00
Aurella Knapp, Order Assistant, periodicals (C. S.)	1,000 00
Elizabeth Hester, Order Assistant (student) (12 months)	780 00
Charles H. Stone, Clerk (student) one-half time (12 months)	360 00
Mary E. Renich, Clerk (student) one-half time (12 months)	360 00
Earl U. Rugg, Clerk (student) two-thirds time (12 months)	480 00
J. G. Eppinger, Clerk (student) one-half time (12 months)	360 00
_____, Clerk (student) one-half time (12 months)	360 00

Total, Order Department ..... \$10,440 00

**Catalog Department.**

Philip S. Goulding, Lecturer in the Library School and Catalog Librarian (1 year)	2,200 00
Adah Patton, Lecturer in the Library School and Classifier (1 year)	1,300 00
Jennie A. Craig, Catalog Reviser (1 year)	1,200 00
Ethel Bond, Instructor in Library Economy, and Catalog Reviser (1 year) (salary under Library School)	.....
Neillie Robertson, Cataloger (C. S.)	900 00
_____, Vice Fannie Dunlap, Cataloger (C. S.)	780 00
Amanda Flattery, Cataloger (C. S.)	900 00
_____, Cataloger (C. S.)	840 00
Bertha L. Sharp, Cataloger (C. S.)	780 00
Elsie L. Baechtold, Cataloger (student) (12 months)	780 00
_____, Vice Troy, Cataloger (C. S.)	780 00
_____, Vice Jones, Cataloger (C. S.)	780 00
_____, Vice Alexander, Cataloger (C. S.)	780 00
Margaret Williams, Cataloger (student) three-fourths time (10 months)	480 00
Nelle Signor, Cataloger (student) two-thirds time (12 months)	520 00
Nelle U. Branch, Cataloger (student) one-half time (12 months)	390 00
_____, Vice Roberts, Cataloger (student) one-half time (12 months)	390 00
Mary L. Blackwell, Typist (C. S.)	720 00
Floy Kern, Typist (C. S.)	540 00
Marie E. Hubbard, Clerk (student)	660 00
Erna Seiler, Clerk (student) one-half time	330 00
_____, Clerk (C. S.)	660 00
_____, Catalog Typist (C. S.)	540 00
_____, Cataloger (C. S.)	780 00
_____, Cataloger (C. S.)	780 00

Total, Catalog Department ..... \$18,810 00

**Loan Department.**

Emma R. Jutton, Lecturer in the Library School and Loan Librarian (1 year)	1,400 00
Elizabeth Bryan, Loan Assistant (C. S.)	1,000 00
Viola Fraser, Loan Assistant (C. S.)	900 00
Stella Galpin, Loan Assistant (C. S.)	900 00
Susan T. Benson, Loan Assistant (student) (12 months)	780 00
Miles O. Price, Shelf Assistant (student) (12 months)	900 00
E. C. Fontaine, Shelf Assistant (student) two-thirds time (12 months)	432 00
A. Burger, Shelf Assistant (student) one-half time (12 months)	330 00
Gordon Klein, Shelf Assistant (student) one-third time (12 months)	216 00
A. H. Lenz, Shelf Assistant (student) one-half time (12 months)	330 00
Margaret Hayes, Clerk (C. S.)	600 00

Total, Loan Department ..... \$7,788 00

**Reference Department.**

Margaret Hutchins, Lecturer on General Reference in the Library School and Reference Assistant (12 months)	1,200 00
Alice S. Johnson, Lecturer on General Reference in the Library School and Reference Assistant (12 months)	1,200 00
Emma Felsenthal, Instructor in Book Selection in the Library School and Reference Assistant (12 months)	1,200 00

Total, Reference Department ..... \$3,600 00

**Binding Department.**

Josie B. Houchens, Binding Librarian (C. S.)	1,200 00
_____, Binding Assistant (C. S.)	780 00

Total, Binding Department ..... \$1,980 00

**Departmental Libraries.**

Mary Torrance, Lecturer in the Library School and Library Assistant in Classics (12 months).....	\$1,000 00
Ola M. Wyeth, Lecturer in the Library School and Library Assistant in Modern Languages (12 months).....	1,000 00
Marian Leatherman, Lecturer in the Library School and Library Assistant in History and Political Science (12 months).....	960 00
Hazel Y. Shaw, Library Assistant in Economics and Sociology (C. S.) .....	1,000 00
_____, Library Assistant in English (C. S.).....	900 00
Margaret Herdman, Lecturer in the Library School and Library Assistant in Philosophy, Psychology, and Education (12 months).....	900 00
Charles E. Janvrin, Lecturer in the Library School and Library Assistant in Natural History, one-half time (12 months).....	600 00
Mary E. Love, Library Assistant in Mathematics and Natural History (C. S.).....	840 00
_____, Vice Penrose, Assistant in Seminar Libraries in Lincoln Hall .....	780 00
_____, Library Assistant in Chemistry (C. S.).....	840 00
_____, Library Assistant in Agriculture.....	1,000 00
Total, Departmental Libraries .....	<u>\$9,820 00.</u>
Total Salaries, Library .....	<u>\$60,658 00</u>

**DEPARTMENT OF PHYSICAL TRAINING FOR MEN.**

George A. Huff, Director (1 year).....	\$5,000 00
Roy N. Fargo, Director of the Gymnasium (1 year).....	2,200 00
Harry Lovering Gill,* Associate in Track Athletics (2 years from Sept. 1, 1915) .....	1,800 00
Ralph R. Jones,* Associate in Basketball (2 years from Sept. 1, 1915).....	900 00
Robert C. Zuppke,* Associate in Football (2 years from Sept. 1, 1915).....	1,000 00
Edward J. Manley, Instructor in Swimming (10 months).....	1,200 00
O. H. Glimstedt,* Assistant in Athletic Training (10 months).....	600 00
_____, Instructor in Wrestling and Boxing.....	1,200 00
_____, Instructor in Fencing, part time.....	100 00
_____, Assistant in Physical Training.....	600 00
Total .....	<u>\$14,600 00</u>

**DEPARTMENT OF PHYSICAL TRAINING FOR WOMEN.**

Louise Freer, Director (1 year).....	\$1,400 00
Verna Brooks, Instructor (10 months).....	1,200 00
Anna Lue Hughitt, Instructor (10 months).....	1,200 00
Edith Griffith Osmond, Instructor (10 months).....	1,000 00
_____, Assistant, Vice Houston (10 months).....	800 00
Rosa-Lee Gaut, Assistant (10 months).....	500 00
_____, Student Assistant, Vice Jackson (10 months).....	200 00
Total, .....	<u>\$6,300 00</u>

**MILITARY DEPARTMENT.**

Major F. D. Webster, Inf., Commandant of Cadets (12 months).....	\$ 576 00
1st Sergt. F. W. Post, U. S. A. retired, Armorer and Administrative Assistant (C. S.).....	1,200 00
A. A. Harding,† Director of the Bands (1 year).....	1,100 00
_____, Clerk (C. S.) (12 months).....	600 00
12 Assistants in Military Science at \$100 per year each.....	1,200 00
179 Scholarships at \$24 each (114 Cadet Officers and 65 in Band)....	4,296 00
Military Information Division—	
1 Chief at \$10 per month for 8 months; 2 Assistants at \$4 per month each for 8 months.....	144 00
Total .....	<u>\$9,116 00</u>

**STATE WATER SURVEY.****I. Estimate of Income.**

1. State appropriation (House Bill 975, paragraph 92)—	
Salaries .....	\$13,000 00
Traveling expenses .....	3,000 00
Telephone, express, etc.....	2,000 00
Equipment of new quarters.....	750 00
County atlases and sewage experiments.....	2,500 00
	<u>\$21,250 00</u>
2. University appropriation .....	7,500 00
3. Fees .....	200 00
4. Balance July 1, 1915 (State appropriation).....	727 88
Total, income .....	<u>\$29,677 88</u>

\* Balance of salary paid by Athletic Association.

† Additional salary as Instructor in Band Instruments, \$1,000, under School of Music.



**II. Expenditure.****1. Salaries—**

Edward Bartow, Professor of Sanitary Chemistry (Indef.), and Director (1 year).....	\$4,000 00
Paul Hansen, Associate in Sanitary Engineering and Engineer (12 months).....	3,500 00
H. P. Corson, Assistant in Sanitary Chemistry and Chemist and Bacteriologist (12 months).....	1,500 00
W. F. Langelier, Inspector (12 months).....	1,500 00
Ralph Hilscher, Assistant Engineer (12 months).....	1,500 00
H. L. Huenink, Assistant Chemist (10 months).....	700 00
A. N. Bennett, Assistant Chemist (12 months).....	900 00
W. W. Hanford, Assistant Chemist (12 months).....	840 00
F. W. Mohlman, Assistant Chemist (12 months).....	1,000 00
W. D. Hatfield, Assistant Bacteriologist (12 months).....	720 00
M. C. Sjoblom, Engineering Assistant (12 months).....	900 00
J. F. Schnellbach, Engineering Assistant (12 months).....	900 00
H. F. Ferguson, Assistant Engineer (12 months).....	1,080 00
Marie Jester, Stenographer (C. S.; new salary from July 1, 1915) .....	700 00
Eliza Hart, Stenographer (C. S.).....	600 00
Hazel Ricketts, Stenographer (C. S.; new salary from July 1, 1915).....	540 00
J. J. Johnson, Laboratory Assistant (12 months).....	600 00
Total, salaries .....	\$21,480 00

**2. Expenses—**

a. Traveling expenses of the Director, Engineer, Assistant Engineer, Chemist, Bacteriologist and other employees .....	3,000 00
b. Telegraphing, telephoning, expressage, postage, purchase of furniture, typewriter, office supplies, printing, engraving and the necessary printing paper and stationery .....	2,000 00
c. Equipment of quarters in new Chemistry Building with bookcases, chemical balances, blast lamps, steam baths, incubators, refrigerators, autoclaves and other equipment .....	750 00
d. Overdraft, 1914-15 .....	488 96
e. Miscellaneous .....	1,958 92

Total, expenditure ..... \$29,677 88

**BUILDINGS AUTHORIZED OR RECOMMENDED TO BE BUILT OUT OF INCOME OF 1916-17.**

1. Women's Residence Hall.....	\$110,000 00
2. School of Education.....	140,000 00
3. Smith Music Building.....	215,000 00
4. Addition to Natural History Hall.....	75,000 00
5. Addition to Transportation Building.....	30,000 00
6. Agricultural Building.....	76,000 00
7. Medicine and Pharmacy.....	100,000 00

Total ..... \$746,000 00

On motion of Mrs. Henrotin, the Budget was approved as presented. The vote was as follows: Ayes, Mr. Abbott, Mr. Carr, Mrs. Evans, Mrs. Henrotin, Mr. Hoyt, Mr. Ward, Miss Watson; noes, none; absent, Mr. Blair, Mrs. Busey, Mr. Dunne, Mr. Small, Mr. Trevett.

**AUTHORITY TO ACCEPT RESIGNATIONS AND FILL VACANCIES.**

(7) A request that the President of the University be authorized to accent at his discretion such resignations in the instructional, scientific, and administrative staff as may be presented during the vacation, and that he be authorized to fill within the budget allowance, such vacancies as may occur during the vacation because of resignations or declination.

On motion of Mr. Carr, the foregoing authority was given as requested.

**GIFT OF BOOKS BY MR. W. C. CHITTY.**

(8) An announcement of a gift of books from Mr. William C. Chitty, a member of the class of 1886.

On motion of Mrs. Evans, this collection was accepted and the President of the University was requested to convey to Mr. Chitty an expression of the thanks of the board for the gift.

**PRESIDENT'S BILL FOR TRAVELING EXPENSES.**

(9) The bill of the President of the University for traveling expenses incurred in the performance of his official duties from July 1, 1910, to July 1, 1915.

On motion of Mrs. Henrotin, this bill was referred to the Executive Committee with power to audit and order payment. The vote was as follows: Ayes, Mr. Abbott, Mr. Carr, Mrs. Evans, Mrs. Henrotin, Mr. Hoyt, Mr. Ward, Miss Watson; noes, none; absent, Mr. Blair, Mrs. Busey, Mr. Dunne, Mr. Small, Mr. Trevett.

**BALANCES REAPPROPRIATED.**

(10) A recommendation that the unexpended balances of the appropriations for the year 1914-15 be reapportioned to the same uses for 1915-16, subject to the approval of the President of the University.

On motion of Mr. Carr, this recommendation was approved, by the following vote: Ayes, Mr. Abbott, Mr. Carr, Mrs. Evans, Mrs. Henrotin, Mr. Hoit, Mr. Ward, Miss Watson; noes, none; absent, Mr. Blair, Mrs. Busey, Mr. Dunne, Mr. Small, Mr. Trevett.

**PURCHASE OF BOOKS.**

(11) Two recommendations from the University Librarian:

1. That a collection of books on American History made by Mr. H. A. Rattermann, of Cincinnati, Ohio, be purchased for the University Library. The sum necessary, which is estimated at \$7,000, more or less, is provided for in the appropriation for the purchase of books made in the budget.

2. That the sum of \$5,000 be set aside from the amount appropriated for the purchase of books in the budget for the purpose of adding to the collection relating to the Romance Languages and Literature.

On motion of Mr. Hoit, these recommendations were approved.

**SALE OF SMITH LANDS.**

(12) A recommendation that the Comptroller of the University be authorized to sell one or more of the tracts of land presented by Capt. Thomas J. Smith to the University [pages 106, 114, and 774] for the purpose of providing for the erection of a Music Building upon the Campus, provided that no tracts be sold for less than the valuation placed upon them by Capt. Smith in his gift to the University.

On motion of Mrs. Henrotin, the Comptroller was authorized to sell any portion of the Smith lands for which he could obtain a price equal to the valuation submitted by the donor [page 106]. The vote was as follows: Ayes, Mr. Abbott, Mr. Carr, Mrs. Evans, Mrs. Henrotin, Mr. Hoit, Mr. Ward, Miss Watson; noes, none; absent, Mr. Blair, Mrs. Busey, Mr. Dunne, Mr. Small, Mr. Trevett.

**COMMITTEE ON SITE, CLINICAL BUILDING.**

(13) A statement from the President that, unless there were objection, he proposed to appoint a committee of members of the Medical Faculty to prepare a report on the possible or desirable sites for the Clinical Building for the use of the College of Medicine authorized by the board at its meeting on July 14, 1915 [page 778]. The committee will also be asked to make suggestions as to the type of building and the report will be presented to the Committee on Buildings and Grounds for its consideration.

No action was taken in this matter.

**PURCHASE OF ROLAND TRACT.**

14. A letter from the Comptroller announcing the purchase of the Roland Tract:

July 27, 1915.

*President Edmund J. James, University of Illinois.*

DEAR SIR: I this day issued the warrant for \$50,000 to Mr. Anton Roland for the thirty-two and one-half acres of land on which the University had an option.\* I have satisfied myself that there are no encumbrances of any kind against the title and had my opinion in this matter strengthened by the examination made by Prof. Carpenter. We have the warranty deed as well as the insurance covering the dwelling and barn. We did not have to pay any premiums for the unexpired portion of the insurance policies.

We have further asked Mr. Roland to have all of the various tracts, included in three separate abstracts of title, merged into one abstract of title. This will be done at Mr. Roland's expense. Prof. Carpenter seemed to be of the opinion that, unless this be done, the University might have considerable expense in case of a desire to sell a section of the land which might be described in more than one abstract. Mr. Roland will submit this new abstract within a few days.

Yours truly,

W. B. CASTENHOLZ, *Comptroller.*

This letter was received for record.

**APPROVAL OF MINUTES.**

The Secretary presented the minutes of the meeting of July 14, 1915. On motion of Mrs. Evans, the minutes were approved as printed on pages 767 to 781.

**AUDIT REPORT.**

Mr. Hoit presented for the Finance Committee the report of the United States Audit Company on the accounts of the University for the quarter ending June 30, 1915.

This report was received for record.\*

\* See pp. 220, 778.

July 24, 1915.

*Hon. Otis W. Hoit, Chairman, Finance Committee, Board of Trustees, University of Illinois.*

DEAR SIR: Following instructions, we have audited the books and accounts of the University of Illinois at Urbana, Ill., for the fourth quarter of the fiscal year, ended June 30, 1915.

We are sending you herewith a copy of the report prepared by the Comptroller of the University, Mr. W. B. Castenholz, covering the quarter under audit.

We have verified the cash receipts, disbursements, and balances, as shown in the quarterly report, including all petty cash funds; and

WE HEREBY CERTIFY That the various schedules as contained in the report of the Comptroller correctly set forth the transactions for the quarter ended June 30, 1915, and that they are in accordance with the books.

Yours very truly,

UNITED STATES AUDIT CO.,  
WHITNEY B. FLERSHEM,  
Certified Public Accountant.

### REPORT OF BUSINESS OFFICE.

Mr. Hoit also presented for the Finance Committee the report of the business office for the quarter ending June 30, 1915.

This report was received for record.

July 15, 1915.

*Hon. W. L. Abbott, President, Board of Trustees, University of Illinois.*

DEAR SIR: I take pleasure in handing you herewith, report of the accounts of the business office, as at the close of the quarter ended June 30, 1915.

Under separate cover you will find lists of warrants drawn against the University Treasurer, and lists of vouchers certified to the State Auditor.

Yours very truly,

W. B. CASTENHOLZ, Comptroller.

### SCHEDULE 1.

#### SUMMARY OF RECEIPTS AND DISBURSEMENTS FOR THE TWELVE MONTHS ENDING JUNE 30, 1915

	Balance July 1, 1914.	Cash receipts Schedule 2.	State revenue.	Total.
University Treasurer—				
General.....	\$71,783 11	\$495,852 75	.....	\$ 567,635 86
United States Agricultural Experiment Sta- tion.....	274 83	30,485 75	.....	30,760 58
Trusts.....	3,451 31	36,189 19	.....	39,640 50
United States Smith-Lever.....		10,000 00	.....	10,000 00
Petty cash—				
Assistant Comptroller.....	5,000 00	.....	.....	5,000 00
Secretary, College of Medicine.....	300 00	.....	.....	300 00
Actuary, School of Pharmacy.....	250 00	.....	.....	250 00
Vice Director, Agricultural Experiment Station.....	600 00	.....	.....	600 00
State Auditor—				
Operation, maintenance and equipment....	.....	.....	\$1,600,000 00	1,600,000 00
Buildings, land and equipment.....	.....	.....	650,000 00	650,000 00
Water survey and investigation.....	2,310 56	.....	21,500 00	23,810 56
Mechanics' and Miners' Institutes.....	5,473 53	.....	15,000 00	20,473 58
Total.....	\$89,443 39	\$572,527 69	\$2,286,500 00	\$2,948,471 08

### SCHEDULE 1—Continued,

	Disburse- ments Schedule 3.	Balances.	
		Items.	Totals.
University Treasurer—			
General.....	\$474,113 43	\$93,522 43	.....
United States Agricultural Experiment Station.....	30,113 49	647 09	.....
Trusts.....	31,702 07	7,938 43	.....
United States Smith-Lever.....	10,000 00	.....	.....
			\$102,107 95

## SCHEDULE 1—Concluded.

	Disbursements Schedule 3.	Balances.	
		Items.	Totals.
Petty cash—			
Assistant Comptroller.....		\$5,000 00	
Secretary, College of Medicine.....		300 00	
Actuary, School of Pharmacy.....		250 00	
Vice Director, Agricultural Experiment Station.....		600 00	\$6,150 00
State Auditor—			
Operation, maintenance and equipment.....	\$1,600,000 00		
Buildings, land and equipment.....	650,000 00		
Water survey and investigation.....	23,082 68	\$ 727 88	
Mechanics' and Miners' Institutes.....	19,119 81	1,353 77	2,081 c5
Total.....	\$2,838,131 48		\$110,339 60

## SCHEDULE 2.

CASH RECEIPTS YEAR ENDING JUNE 30, 1915.

## GENERAL FUND.

Agricultural College and Experiment Station—	
Agricultural College Administration.....	\$ 885 55
Agricultural extension .....	65 47
Press Service .....	403 00
Agronomy College—	
Crop production .....	278 39
Farm mechanics .....	109 00
Soil fertility .....	390 20
Soil physics .....	135 85
Agronomy Experiment Station—fields—	
Agronomy Experiment Station—fields—soils.....	5,772 12
Soil analysis .....	9 60
Soil survey .....	1 00
Agronomy Experiment Station—crops—	
Crop Production Station.....	2,163 41
Animal Husbandry College—	
Animal Husbandry—Administration .....	34 58
Animal Nutrition .....	129 85
Beef cattle .....	1,494 63
Animal Husbandry Education.....	4 00
General and farming .....	529 04
Horses .....	426 08
Poultry .....	1,023 63
Sheep .....	740 74
Swine .....	2,785 31
Animal Husbandry Experiment Station—	
Animal Husbandry Station—Administration.....	215 65
Beef Cattle Station.....	12,046 35
General and Farming Station.....	480 81
Live stock specimens.....	1,230 00
Horses Station .....	781 52
Meat Station .....	22 39
Sheep Station .....	1,036 71
Swine Station .....	1,714 10
Animal Husbandry Station—bulletins and publica- tions .....	29 95
Cafeteria .....	14,104 17
Dairy Husbandry College—	
Dairy Administrative .....	60 00
Creamery .....	36,765 70
Dairy Bacteriology .....	17,190 10
Pure bred herd.....	2,219 14
Dairy Experiment Station—	
Official Testing Station.....	7,620 11
Dairy Experiment Herd Station.....	1,546 10
Dairy Farm Station.....	253 14
Dairy Economics Station.....	65 00
Testing Association Station.....	579 50
Dairy Technology Station.....	22 50
Horticulture College—	
Administration .....	1 55
Landscape extension .....	342 57
Pomology .....	232 86
Floriculture .....	290 26

## SCHEDULE 2—Continued.

## Agricultural College and Experiment Station—Concluded.

## Horticulture College—Concluded.

Olericulture .....	\$ 387 86
Olney Farm .....	885 30
Urbana Farm .....	495 26
Horticulture—general and farming.....	184 06
Horticulture Experiment Station—	
Pomology Station .....	382 38
Horticulture Plant Breeding Station.....	26 35
Olericulture Station .....	17 34
Household Science .....	1,419 94

\$120,030 12

## Engineering College—

Administration .....	\$ 33 19
Ceramics .....	92 40
Civil Engineering .....	264 45
Engineering Experiment Station.....	286 57
Electrical Engineering .....	85 39
Mechanical Engineering .....	40 80
Mining Engineering .....	4 92
Miners' and Mechanics' Institutes.....	45 00
Railway Engineering .....	17 50
Theoretical and Applied Mechanics.....	1,923 37

2,893 59

## Liberal Arts and Sciences—

Botany .....	\$ 15 00
Chemistry .....	121 36
Chemical Laboratory addition .....	2 57
Classical Museum .....	181 33
Education .....	16 34
Entomology .....	90
Illinois Historical survey .....	83 39
Psychology .....	12 82
Zoology .....	8 32

442 03

## College of Dentistry.....

18,970 42

## College of Medicine.....

48,670 71

## School of Music.....

156 75

## Physical plant—

Campus lighting .....	\$ 66 25
Grounds .....	12 25
Heating and lighting.....	865 36
Labor .....	3,264 17
Physical plant—general .....	2,234 05
Physical plant—stores .....	5,095 29

## Rents—

Armory .....	190 00
Auditorium .....	150 00
Chapel .....	7 50
Gymnasium .....	40 00
Houses .....	1,232 50
Morrow Hall .....	35 00
Pharmacy Building .....	5,064 20
Woman's Building .....	10 21
Sale of houses.....	835 00
Sale of city lots.....	3,500 00
Telephone exchange .....	4 75

22,606 53

## Miscellaneous—

Accountancy .....	\$ 1,172 97
<i>Alumni Record</i> .....	61 50
Blueprinting .....	890 69
Business Office .....	13 25
Directory .....	118 75
Emergency Hospital .....	590 27
Fee collections—	
General and laboratory.....	166,811 80
Lockers—Men's Gymnasium .....	3,549 50
Lockers—Women's Gymnasium .....	476 50
Lockers—shop or laboratory.....	218 00
Freshman Advisers .....	25 00
Graduate School Traveling Fellowship.....	150 00
Gregory Memorial .....	15 06
Interest on daily balances .....	782 47
Interest on endowment fund.....	32,422 14
Interest on land contracts.....	39 90
<i>Journal English and German Philology</i> .....	660 60
<i>Illinois Biological Monographs</i> .....	8 25
Library salaries .....	8 00
Library .....	290 03
Library stacks additions.....	120 82
Lincoln Hall improvements.....	81
Morrill Fund .....	25,000 00
Military Department .....	378 98

## SCHEDULE 2—Concluded.

Miscellaneous—Concluded.		
Nelson Fund .....	\$25,000 00	
Nelson Fund .....	25,000 00	
Orchestra concerts .....	4,098 00	
Office supply stores .....	410 30	
Physical Training—men .....	2 24	
Political Science salaries .....	300 00	
Postage stores .....	242 46	
President's office .....	1 25	
Printograph .....	132 28	
Salary refund .....	77 50	
<i>Speculum Regale</i> .....	15 00	
Student Associations .....	4 00	
Summer Session 1914 .....	85 50	
Towel fund .....	1 67	
<i>University Studies</i> .....	99 38	
Water survey salaries .....	300 00	
<i>Weekly Calendar</i> .....	4 25	
Water survey .....	213 92	
		\$264,793 04
School of Pharmacy .....		17,289 56
General fund .....		\$495,852 75
Smith-Lever Fund .....		\$ 10,000 00
Trust fund .....		36,189 19
UNITED STATES AGRICULTURAL EXPERIMENT STATION.		
Adams Fund .....	\$15,000 00	
Adams Fund receipts .....	485 75	
Hatch Fund .....	15,000 00	
		30,485 75
SUMMARY.		
General University .....		495,852 75
Smith-Lever Fund .....		10,000 00
Trust fund .....		36,189 19
United States Agricultural Experiment Station .....		30,485 75
		\$572,527 69

## SCHEDULE 3.

## STATEMENT OF APPROPRIATIONS AS AT JUNE 30, 1915.

	Appropriations and credits.	Cash disbursements.	Transfer charges.	Total.	Unexpended balances.	Schedule number.
Land, building and equipment.....	\$386,219 96	\$381,629 44	\$476,708 88	\$429,338 32	*\$43,118 36	31
Physical plant.....	279,009 26	126,134 15	146,337 83	272,471 98	6,537 28	32
Administration and general expense .....	334,574 32	278,645 80	13,538 18	292,183 98	42,390 34	33
College of Liberal Arts and Sciences.....	453,915 78	444,469 47	9,495 48	453,964 95	*49 17	34
Agricultural College and Experiment Station.....	733,142 27	610 256 72	55,544 14	665,800 86	67,341 41	35
Engineering College and Experiment Station.....	318,794 82	307,018 33	9,782 23	316 800 56	1,994 26	36
Graduate School.....	51,417 35	46,943 80	647 92	47,591 72	3,825 63	37
College of Medicine and Dentistry.....	186,403 64	162,345 77	6,736 24	169,082 01	17,321 63	38
Other schools and departments.....	467,157 82	448,986 11	1,989 94	450,976 05	16,181 77	39
Trusts.....	39,640 50	31,702 07	.....	31,702 07	7,938 43	301
Total.....	\$3,250,275 72	\$2,838,131 48	\$291,780 84	\$3,129,912 32	\$120,363 40	

\* Overdraft.

## SCHEDULE 31.

## STATEMENT OF APPROPRIATIONS FOR LAND, BUILDINGS AND EQUIPMENT AS AT JUNE 30, 1915.

	Appropriations and credits.	Cash disbursements.	Transfer charges.	Total.	Unexpended balances.
Land and land improvements—					
Land.....	\$ 21,500 00	\$ 21,527 28	\$ 7 00	\$ 21,534 28	*\$ 34 28
Campus lighting.....	2,766 25	2,106 47	538 25	2,644 72	121 53
Pavements and walks.....	3,000 00	1,352 84	544 72	1,897 56	1,102 44
Buildings—					
Armory (New).....	67,000 00	53,960 11	12,836 94	66,797 05	202 95
Armory (Old) improvements.....	2,500 00	466 12	1,935 37	2,401 49	98 51
Auditorium.....	10,300 00	4,771 62	5,502 79	10,274 41	25 59
Administration Building.....	{ 200,002 57 }	133,562 66	847 14	134,409 80	{ *45,068 94 }
Chemistry Building.....		100,297 99	10,363 72	110,661 71	
Botany Laboratory and Greenhouse.....	22,847 25	15,249 90	7,307 95	22,557 85	289 40
Commerce Building.....	1,600 04	984 98	.....	984 98	615 06
Law Building (1912-1913).....	16 24	16 24	.....	16 24	.....
Library stacks addition.....	22,960 86	21,851 43	1,109 43	22,960 86	.....
Lincoln Hall improvements.....	890 55	69 08	820 66	889 74	81
Observatory.....	2,461 20	1,721 77	739 43	2,461 20	.....
Storehouse.....	2,100 00	1 96	1,991 42	1,993 38	106 62
Zoology Vivarium.....	2,000 00	1,463 83	1,124 36	2,588 19	*588 19
Building projects (anal).....	4,000 00	4,850 42	590 67	5,441 09	*1,441 09
General equipment.....					
Furniture and fixtures.....	4,000 00	1,105 00	1,449 03	2,554 03	1,445 97
Pipe organ.....	16,275 00	16,269 74	.....	16,269 74	5 26
Total.....	\$386,219 96	\$381,629 44	\$47,708 88	\$429,338 32	*\$43,118 36

\* Overdraft.

## SCHEDULE 32.

## STATEMENT OF APPROPRIATIONS FOR PHYSICAL PLANT AS AT JUNE 30, 1915.

	Appropriations and credits.	Cash disbursements.	Transfer charges.	Total.	Unexpended balances.
Extension—					
Fire protection equipment.....	\$ 400 00	\$ 356 90	.....	\$ 356 90	\$ 43 10
Heating and lighting plant.....	50,000 00	41,371 69	\$ 6,901 27	48,272 96	1,727 04
Telephone extension.....	1,200 00	577 76	212 65	790 41	409 59
Tunnel extension.....	8,000 00	7,400 00	333 12	7,733 12	266 88
Light and water extension.....	20,000 00	3,425 57	16,387 30	19,812 87	187 13
Auto truck.....	450 00	450 00	.....	450 00	.....
Operation and maintenance—					
Salaries.....	15,741 53	9,752 22	.....	14,760 28	981 25
Extra assistance.....	.....	5,008 06	.....	.....	.....
Office expense and equipment.....	2,203 50	1,108 15	915 66	2,023 81	179 69
Heating and lighting.....	75,691 90	40,834 15	30,279 27	71,113 42	4,578 48
Buildings operation.....	42,217 58	11,803 19	39,930 03	51,733 22	*9,515 64
Buildings maintenance.....	30,000 00	15 85	23,052 94	23,068 79	6,931 21
Grounds.....	10,000 00	2,193 89	9,593 94	12,087 83	*2,087 83
Fire protection.....	3,600 00	283 33	2,912 27	3,195 60	404 40
Water Station.....	1,500 00	73 31	1,223 78	1,297 09	202 91
Telephone exchange.....	3,004 75	1,090 23	1,521 62	2,611 85	392 90
General operation.....	15,000 00	389 85	12,773 98	13,163 83	1,836 17
Total.....	\$279,009 26	\$126,134 15	\$146,337 83	\$272,471 98	\$6,537 28

\* Overdraft.

## SCHEDULE 33.

STATEMENT OF APPROPRIATIONS FOR ADMINISTRATION AND GENERAL EXPENSE AS AT  
JUNE 30, 1915.

	Appropriations and credits.	Cash disbursements.	Transfer charges.	Total.	Unexpended balances.
<b>Administrative offices—</b>					
Salaries.....	\$51,116 35	\$51,116 35	.....	\$51,116 35	.....
Board of Trustees.....	7,600 00	5,264 45	\$ 194 91	5,459 36	\$2,140 64
President's office.....	4,000 00	2,620 25	1,408 99	4,029 24	*29 24
Vice President's office.....	500 00	405 81	.....	405 81	94 19
Business office.....	6,512 08	4,768 36	1,602 58	6,370 94	141 14
Registrar's office.....	6,552 50	5,550 17	1,193 25	6,743 42	*190 92
Council of Administration.....	500 00	471 35	.....	471 35	28 65
Legal Counsel.....	400 00	374 46	10 00	384 46	15 54
Treasurer's office.....	600 00	600 00	.....	600 00	.....
Senate.....	100 00	36 30	10 25	46 55	53 45
Adviser to Foreign Students.....	50 00	25	21 24	21 49	28 51
<b>General departments—</b>					
Salaries.....	85,465 32	85,465 32	.....	85,465 32	.....
Library additions.....	65,000 00	56,602 98	622 54	57,225 47	7,774 53
Library.....	10,266 18	10,149 16	817 21	10,966 37	*700 19
Dean of Men.....	5,050 00	4,448 16	581 00	5,029 16	20 84
Dean of Women.....	400 00	441 12	83 41	524 53	*124 53
Physical Training—Men.....	2,302 24	1,296 41	499 30	1,795 71	506 53
Physical Training—Women.....	750 00	470 88	112 63	583 51	166 49
Military.....	3,028 02	2,908 03	770 45	3,678 48	*652 46
High School Visitor.....	1,900 00	1,706 05	193 33	1,899 38	62
High School Conference.....	1,500 00	1,474 45	25 43	1,499 88	*12
High School Oratorical contest.....	360 00	312 40	50 68	363 08	*3 08
Blue printing and photography.....	8,781 96	7,397 21	176 07	7,573 28	1,208 68
<b>Publications—</b>					
General.....	12,000 00	8,700 56	62 09	8,762 65	3,237 35
<i>Alumni Quarterly</i> .....	1,000 00	1,000 00	.....	1,000 00	.....
<i>Directory of Matriculates</i> .....	2,500 00	3,324 98	698 58	4,023 56	*1,525 56
<i>Bulletin</i> .....	1,000 00	249 75	52 73	302 48	697 52
<i>Students Handbook</i> .....	300 00	300 00	.....	300 00	.....
<b>General expense—</b>					
Lectures.....	3,000 00	817 31	20 80	838 11	2,161 89
Gregory Memorial.....	500 00	412 02	49 21	461 23	38 77
Emergency Hospital.....	.....	163 57	36 77	200 34	*200 34
Towel system.....	1,001 67	1,311 68	.....	1,311 68	*310 01
Orchestra concerts.....	5,000 00	4,877 69	18 47	4,896 16	103 84
Convocations.....	4,900 00	2,168 10	2,180 52	4,348 62	551 38
Rebates to students.....	8,500 00	10,085 13	.....	10,085 13	*1,585 13
Receptions and social functions.....	250 00	1,071 93	866 27	1,938 20	*1,688 20
Panama Exposition Exhibit.....	1,500 00	138 27	1,179 47	1,317 74	182 26
Smith Farms.....	.....	144 94	.....	144 94	*144 94
Incidentals and emergencies.....	30,390 00	.....	.....	.....	30,390 00
<b>Total.....</b>	<b>\$334,574 32</b>	<b>\$278,645 80</b>	<b>\$13,538 18</b>	<b>\$292,183 98</b>	<b>\$42,390 34</b>

\* Overdraft.

## SCHEDULE 34.

STATEMENT OF APPROPRIATIONS FOR COLLEGE OF LIBERAL ARTS AND SCIENCES  
AS AT JUNE 30, 1915.

	Appropriations and credits.	Cash disbursements.	Transfer charges.	Total.	Unexpended balances.
Salaries.....	\$375,517 33	\$375,517 33	.....	\$375,517 33	.....
Administration.....	2,101 79	1,818 37	289 83	2,108 20	*6 41
Art and Design.....	600 00	515 47	84 50	599 97	03
Astronomy.....	700 00	828 83	52 21	881 04	*181 04
Bacteriology.....	2,101 77	1,653 31	228 81	1,882 12	220 65
Botany.....	6,400 00	6,051 01	491 89	6,542 90	*142 90
Ceramics.....	6,916 20	5,990 93	710 14	6,701 07	215 13
Ceramics cooperation investment.....	1,300 00	1,311 70	.....	1,311 70	*11 70
Chemistry.....	31,866 59	27,274 55	4,822 54	32,097 09	*230 50
Classics.....	300 00	115 41	130 64	246 05	53 95
Education.....	3,508 74	2,071 04	722 66	2,793 70	*49 78
Educational survey.....	.....	709 73	55 09	764 82	.....



## SCHEDULE 34—Concluded.

	Appropriations and credits.	Cash disbursements.	Transfer charges.	Total.	Unexpended balances.
English.....	\$2,000 00	\$1,739 21	\$257 17	\$1,996 38	\$ 3 62
Entomology.....	929 08	912 00	32 07	944 07	*14 99
Geology.....	1,600 00	1,473 97	135 43	1,609 40	*9 40
German.....	200 00	94 08	106 14	200 22	*22
History.....	225 00	102 03	132 73	234 76	*9 76
Mathematics.....	700 00	593 76	129 60	723 36	*23 36
Philosophy.....	100 00	63 70	16 78	80 48	19 52
Physiology.....	1,550 00	1,462 59	140 68	1,603 24	*53 24
Political Science.....	125 00	74 08	30 80	104 88	20 12
Psychology.....	2,113 75	1,888 86	132 71	2,021 57	92 18
Romance Languages.....	150 00	84 81	73 07	157 88	*7 88
Sociology.....	300 00	224 36	45 64	270 00	30 00
Zoology.....	5,024 35	4,515 15	524 38	5,039 53	*15 48
Museums—					
European Culture.....	2,500 00	2,397 87	42 07	2,439 94	60 06
Classical.....	2,585 48	2,224 74	100 96	2,325 70	259 78
Natural History.....	2,500 00	2,760 61	6 94	2,767 55	*267 55
Total.....	\$453,915 78	\$444,469 47	\$9,495 48	\$453,964 95	*\$49 17

\* Overdraft.

## SCHEDULE 35.

STATEMENT OF APPROPRIATIONS FOR AGRICULTURAL COLLEGE AND EXPERIMENT STATION  
AS AT JUNE 30, 1915.

	Appropriations and credits.	Cash disbursements.	Transfer charges.	Total.	Unexpended balances.
Buildings—					
Stock Pavilion.....	\$ 16,409 66	\$ 116 77	\$ 440 42	\$ 589 69	1,266 84
Horticulture Glass Houses.....		30 75	.....		790 83
Feeding plant.....		.....	1 75		1,872 77
Clinic Building (1912-13).....		4,925 72	.....		4,325 72
Cold storage (1912-13).....	9,000 00	.....	.....	.....	9,000 00
College—					
Administration.....	15,044 34	12,777 29	1,000 21	13,777 50	1,266 84
Agricultural Extension.....	20,531 94	18,962 64	778 47	19,741 11	790 83
Agronomy, Schedule 351.....	53,237 43	47,540 08	3,824 58	51,364 66	1,872 77
Animal Husbandry, Schedule 352.....	75,277 70	67,917 81	6,924 66	74,842 47	435 23
Dairy Husbandry, Schedule 353.....	101,843 63	68,907 05	25,390 83	94,297 88	7,545 75
Horticulture, Schedule 354.....	60,045 94	60,510 16	2,747 67	63,257 83	*3,211 89
Household Science.....	32,439 67	28,589 48	893 04	29,482 52	2,957 15
Cafeteria.....	16,234 88	10,072 13	1,284 62	11,356 75	4,878 13
Veterinary Science.....	3,009 62	2,503 56	15 25	2,518 81	490 81
Agricultural press service.....	4,042 11	3,567 53	289 07	3,856 60	185 51
Animal Husbandry specimens.....	3,696 69	1,490 58	.....	1,490 58	2,206 11
Dairy specimens.....	537 00	535 00	.....	535 00	2 00
Station—					
Agronomy—crops, Schedule 351.....	25,964 23	24,174 15	259 75	24,433 90	1,530 34
Agronomy—soils, Schedule 351.....	101,241 82	95,798 42	3,944 12	99,742 54	1,499 28
Dairy, Schedule 353.....	42,306 35	36,194 30	5,329 65	41,523 95	782 40
Animal Husbandry, Schedule 352.....	53,982 45	39,524 38	2,198 80	41,713 18	12,259 27
Horticulture, Schedule 354.....	33,910 69	33,347 74	221 25	33,568 99	341 70
United States Station—					
Hatch—Administration.....	4,000 00	4,578 56	.....	4,578 56	*578 56
Hatch—Agronomy.....	2,500 00	2,546 34	.....	2,546 34	*46 34
Hatch—Botany.....	2,500 00	1,875 10	.....	1,875 10	624 90
Hatch—Dairy Husbandry.....	6,000 00	6,000 00	.....	6,000 00	.....
Adams—Administration.....	2,000 00	2,010 50	.....	2,010 50	*10 50
Adams—Animal Husbandry.....	8,500 00	8,489 50	.....	8,489 50	10 50
Adams—Horticulture.....	4,500 00	4,500 00	.....	4,500 00	.....
Adams Fund receipts.....	760 58	113 49	.....	113 49	647 09
Soil Maps—					
Administration.....	18,699 82	1,518 31	.....	17,583 41	1,116 41
Agronomy.....		7,220 99	.....		.....
Animal Husbandry.....		4,088 33	.....		.....
Dairy.....		386 21	.....		.....
Horticulture.....		4,369 57	.....		.....

## SCHEDULE 35—Concluded.

	Appropriations and credits.	Cash disbursements.	Transfer charges.	Total.	Unexpended balances.
United States Smith-Lever—					
Administration.....	\$3,700 00	\$3,390 19	.....	\$3,390 19	\$309 81
County Agents.....	900 00	1,200 00	.....	1,200 00	*300 00
Household Science.....	3,000 00	3,009 81	.....	3,009 81	*9 81
Agronomy.....	600 00	600 00	.....	600 00	.....
Animal Husbandry.....	600 00	600 00	.....	600 00	.....
Dairy Husbandry.....	600 00	600 00	.....	600 00	.....
Horticulture.....	600 00	600 00	.....	600 00	.....
Total.....	\$733,142 27	\$610,256 72	\$55,544 14	\$665,800 86	\$67,341 41

\* Overdraft.

## SCHEDULE 351.

## STATEMENT OF APPROPRIATIONS FOR AGRONOMY AS AT JUNE 30, 1915.

	Appropriations and credits.	Cash disbursements.	Transfer charges.	Total.	Unexpended balances.
College—					
Crop production.....	.....	\$ 5,099 78	\$ 945 53	\$ 6,045 31	.....
Farm mechanics.....	.....	14,571 17	1,124 71	15,695 88	.....
Plant breeding.....	.....	3,623 17	146 98	3,770 15	.....
Soil fertility.....	.....	15,050 72	1,096 94	16,147 66	.....
Soil physics.....	.....	9,195 24	366 83	9,562 07	.....
Total, Schedule 35.....	\$53,237 43	\$47,540 08	\$3,680 99	\$51,221 07	\$2,016 36
Experiment Station—					
Agronomy Experiment Station—					
Soils—General.....	.....	\$10,024 78	\$ 6 69	\$10,031 47	.....
Agronomy Experiment fields.....	.....	27,582 81	3,731 33	41,314 14	.....
Soils analysis.....	.....	17,974 34	91 40	18,065 74	.....
Soil survey.....	.....	27,926 13	114 70	28,040 83	.....
Soil extension.....	.....	2,290 36	.....	2,290 36	.....
Total, Schedule 35.....	\$101,241 82	\$95,798 42	\$3,944 12	\$99,742 54	\$1,499 28
Agronomy Experiment Station—					
Crops—					
Crop production.....	.....	\$15,973 25	\$166 86	\$16,140 11	.....
Plant breeding.....	.....	8,200 90	92 89	8,293 79	.....
Total, Schedule 35.....	\$25,964 24	\$24,174 15	\$259 75	\$24,433 90	\$1,530 34
United States Smith-Lever.....	\$600 00	\$600 00	.....	\$600 00	.....
Hatch—Soil fertility.....	\$2,500 00	\$2,546 34	.....	\$2,546 34	\$*46 34

## SCHEDULE 352.

## STATEMENT OF APPROPRIATIONS FOR ANIMAL HUSBANDRY AS AT JUNE 30, 1915.

	Appropriations and credits.	Cash disbursements.	Transfer charges.	Total.	Unexpended balances.
College—					
Administration.....	.....	\$23,786 77	\$ 431 14	\$24,217 91	.....
Animal Nutrition.....	.....	4,962 82	149 34	5,112 16	.....
Beef cattle.....	.....	11,309 48	644 00	11,957 48	.....
Education.....	.....	1,135 30	3,701 29	4,836 59	.....
General and farming.....	.....	5,747 85	242 67	5,990 52	.....
Genetics.....	.....	80 07	386 28	466 35	.....
Horses.....	.....	9,266 37	207 30	9,473 67	.....
Poultry.....	.....	3,396 79	674 49	4,071 28	.....
Sheep.....	.....	2,842 68	119 21	2,961 89	.....
Swine.....	.....	5,389 68	364 94	5,754 62	.....
Total, Schedule 35.....	\$75,277 70	\$67,917 81	\$8,924 66	\$74,842 47	\$435 23

## SCHEDULE 352—Concluded.

	Appropriations and credits.	Cash disbursements.	Transfer charges.	Total.	Unexpended balances.
Station—					
Administration.....		\$5,765 56	\$367 63	\$6,133 19	.....
Animal Nutrition.....		6,698 23	626 93	7,325 16	.....
Beef cattle.....		7,112 04	329 72	7,441 76	.....
General and farming.....		4,145 72	447 03	4,592 75	.....
Horses.....		4,864 44	78 49	4,942 93	.....
Live stock system.....		2,891 59	25 45	2,917 04	.....
Sheep.....		2,081 71	9 22	2,090 93	.....
Swine.....		3,738 04	267 17	4,005 21	.....
Bulletins and publications.....		844 39	47 16	891 55	.....
Meat Station.....		1,382 66	.....	1,382 66	.....
Total, Schedule 35.....	\$53,982 45	\$39,524 38	\$2,198 80	\$41,723 18	\$12,259 27
United States Experiment Station—					
Adams—Animal Nutrition.....		\$5,146 68	.....	\$5,146 68	.....
Adams—Genetics.....		1,987 18	.....	1,987 18	.....
Adams—Swine.....		1,355 64	.....	1,355 64	.....
Adams—Receipts.....		113 49	.....	113 49	.....
Total, Schedule 35.....	\$9,260 58	\$8,602 99	.....	\$8,602 99	\$657 59
Animal Husbandry Specimens—					
Horses.....		\$903 28	.....	\$903 28	.....
Sheep.....		151 57	.....	151 57	.....
Swine.....		435 73	.....	435 73	.....
Total, Schedule 35.....	\$3,696 69	\$1,490 58	.....	\$1,490 58	\$2,206 11
United States Smith-Lever.....	\$600 00	\$600 00	.....	\$600 00	.....

## SCHEDULE 353.

## STATEMENT OF APPROPRIATIONS FOR DAIRY HUSBANDRY AS AT JUNE 30, 1915.

	Appropriations and credits.	Cash disbursements.	Transfer charges.	Total.	Unexpended balances.
College—					
Administration.....		\$ 9,869 59	\$ 4,562 67	\$14,432 26	.....
Creamery.....		34,283 92	4,862 23	39,146 15	.....
Technology.....		4,014 23	82 63	4,096 86	.....
Bacteriology.....		5,520 10	12,834 04	18,354 14	.....
Pure bred herd.....		11,619 29	3,049 26	14,668 55	.....
Experiment herd.....		3,599 92	.....	3,599 92	.....
Total, Schedule 35.....	\$101,843 63	\$68,907 05	\$25,390 83	\$94,297 88	\$7,545 75
Station—					
Official Testing.....		\$8,562 75	\$ 34 25	\$ 8,597 00	.....
Bacteriology.....		1,943 62	172 40	2,116 02	.....
Experiment herd.....		9,145 38	3,416 52	12,561 90	.....
Farm Station.....		5,407 41	1,095 89	6,503 30	.....
Economics.....		5,479 40	233 38	5,712 78	.....
Technology.....		4,714 09	321 43	5,035 52	.....
Testing Association.....		941 65	55 78	997 43	.....
Total, Schedule 35.....	\$42,306 35	\$36,194 30	\$5,329 65	\$41,523 95	\$782 40
United States Experiment Station—					
Hatch—Bacteriology.....		\$2,763 37	.....	\$2,763 37	.....
Hatch—Chemistry.....		1,811 71	.....	1,811 71	.....
Hatch—Economics.....		1,424 92	.....	1,424 92	.....
Total, Schedule 35.....	\$6,000 00	\$6,000 00	.....	\$6,000 00	.....
United States Smith-Lever.....	\$600 00	\$600 00	.....	\$600 00	.....
Dairy Specimens.....	\$537 00	\$535 00	.....	\$535 00	\$2 00

## SCHEDULE 354.

## STATEMENT OF APPROPRIATIONS FOR HORTICULTURE AS AT JUNE 30, 1915.

	Appropriations and credits.	Cash disbursements.	Transfer charges.	Total.	Unexpended balances.
College—					
Administration.....		\$ 9,838 77	\$378 16	\$10,216 93	.....
Landscape extension.....		9,934 47	919 49	10,853 96	.....
Landscape gardening.....		10,261 91	582 18	10,844 09	.....
Pomology.....		3,385 11	131 20	3,516 31	.....
Olericulture.....		7,777 54	76 25	7,853 79	.....
Floriculture.....		9,136 99	510 87	9,647 86	.....
Olney Farm.....		1,840 42		1,840 42	.....
Urbana Farm.....		4,371 03	4 50	4,375 53	.....
Forestry.....		173 70		173 70	.....
General and farming.....		3,790 22	145 02	3,935 24	.....
Total, Schedule 35.....	\$60,045 94	\$60,510 16	\$2,747 67	\$63,257 83	*\$3,211 89
Experiment Station—					
Pomology.....		\$14,583 04	\$90 72	\$14,673 76	.....
Olericulture.....		703 53	9 90	713 43	.....
Plant Breeding.....		8,421 53	98 18	8,519 71	.....
Olney Farm.....		1,315 23		1,315 23	.....
Floriculture.....		8,234 88	22 45	8,257 33	.....
Extension.....		89 53		89 53	.....
Total, Schedule 35.....	\$33,910 69	\$33,347 74	\$221 25	\$33,568 99	\$341 70
United States Experiment Station—					
Adams—Pomology.....		\$ 750 08		\$ 750 08	.....
Adams—Plant breeding.....		3,749 92		3,749 92	.....
Total, Schedule 35.....	\$4,500 00	\$4,500 00		\$4,500 00	.....
United States Smith-Lever.....	\$600 00	\$600 00		\$600 00	.....

\* Overdraft.

## SCHEDULE 36.

## STATEMENT OF APPROPRIATIONS FOR ENGINEERING COLLEGE AND EXPERIMENT STATION AS AT JUNE 30, 1915.

	Appropriations and credits.	Cash disbursements.	Transfer charges.	Total.	Unexpended balances.
College—					
Salaries.....	\$202,804 35	\$202,804 35	.....	\$202,804 35	.....
Administration.....	4,033 19	2,480 76	\$1,274 97	3,755 73	\$277 46
Architecture.....	4,500 00	3,713 25	765 63	4,478 88	21 12
Civil Engineering.....	1,802 00	1,410 48	516 41	1,926 89	*124 89
Electrical Engineering.....	5,825 05	5,084 47	734 67	5,819 14	5 91
General Engineering Drawing..	1,100 00	890 09	199 77	1,069 86	40 14
Mechanical Engineering.....	13,119 94	11,074 62	1,795 29	12,869 91	250 03
Mining Engineering.....	5,500 61	3,711 86	1,735 72	5,447 58	53 03
Physics.....	6,011 05	5,357 40	717 64	6,075 04	*63 99
Railway Engineering.....	4,220 00	3,800 53	381 32	4,181 85	38 15
Theoretical and Applied Mechanics.....	5,821 76	5,194 31	624 16	5,818 47	3 29
Station—					
Salaries.....	17,886 86	17,886 86	.....	17,886 86	.....
Fellowships.....		5,000 00	.....		
Administration.....		3,435 15	195 19		
Chemistry.....		502 04	114 13		
Civil Engineering.....		387 95	.....		
Electrical Engineering.....	20,000 00	1,897 33	50 23	19,904 76	95 24
Railway Engineering.....		1,465 34	320 60		
Theoretical and Applied Mechanics.....		2,946 52	269 95		
Mechanical Engineering.....		2,132 38	5 00		
Mining Engineering.....		1,173 80	9 15		
Cooperative mines.....	5,000 90	4,897 60	102 40	5,000 00	.....
Mechanical and Miners Institute..	21,170 01	19,771 24	.....	19,771 24	1,398 77
Total.....	\$318,794 82	\$307,018 33	\$9,782 23	\$316,800 56	1,994 26

\* Overdraft.

## SCHEDULE 37.

## STATEMENT OF APPROPRIATIONS FOR GRADUATE SCHOOL AS AT JUNE 30, 1915.

	Appropriations and credits.	Cash disbursements.	Transfer charges.	Total.	Unexpended balances.
Salaries and Fellowships.....	\$29,613 96	\$29,613 96		\$29,613 96	
Administration.....	1,500 00	1,015 68	\$124 51	1,140 19	\$ 359 81
Library equipment—					
Bagley.....	500 00	375 08		375 08	124 92
Carnahan.....	129 16	129 16		129 16	
Blondheim.....	150 00	147 89		147 89	2 11
Fitz-Gerald.....	400 00	248 68		248 68	151 32
Green.....	75 00	13 03		13 03	61 97
Jones.....	175 00	158 99		158 99	16 01
Loomis.....	205 00	176 68		176 68	28 32
Moore.....	225 00				225 00
Reitz.....	17 00	17 00		17 00	
Schoepperle.....	220 00	205 72		205 72	14 28
Sherman.....	500 00	499 41		499 41	59
Stoek.....	400 00	400 00		400 00	
Ward.....	100 00	78 63		78 63	21 37
Unassigned.....	403 84	197 65	(Meyer)...	197 65	206 19
Research—					
Balke.....	88 00	88 00		88 00	
Bayley.....	100 00	100 00		100 00	
Blondheim.....	100 00	70 00		70 00	30 00
Carman.....	1,000 00	1,000 00		1,000 00	
Fairlie.....	150 00	122 00		122 00	28 00
Forbes.....	100 00	72 52		72 52	27 48
Loomis.....	60 00				60 00
Savage.....	197 83	197 83		197 83	
Stebbins.....	379 00	355 56	13 52	369 08	9 92
Stebbins.....	300 00	205 51	66 08	271 59	28 41
Trelease.....	100 00	99 45		99 45	55
Ward.....	125 00	125 00		125 00	
Washburn.....	322 15	293 66		293 66	28 49
Whipple.....	100 00	15 10		15 10	84 90
Zeleny.....	200 00	200 00		200 00	
Unassigned.....	2,398 02	*654 00		654 00	1,744 02
Illinois Survey.....	3,083 39	2,691 34	64 81	2,756 15	327 24
University Studies.....	4,000 00	3,664 77	206 64	3,871 41	128 59
Journal of English and German Philosophy.....	1,500 00	1,211 50	172 36	1,383 86	116 14
Crockerland expedition.....	2,500 00	2,500 00		2,500 00	
Total, Schedule 3.....	\$51,417 35	\$46,943 80	\$647 92	\$47,591 72	\$3,825 63

\* Speculum Regale, \$604.00. Harpswell Laboratory, \$50.00.

## SCHEDULE 38.

## STATEMENT OF APPROPRIATIONS FOR COLLEGES OF MEDICINE AND DENTISTRY AS AT JUNE 30, 1915.

	Appropriations and credits.	Cash disbursements.	Transfer charges.	Total.	Unexpended balances.
General—					
Salaries.....	\$43,842 00	\$36,502 13		\$36,502 13	\$7,339 87
Administration.....	2,060 00	2,316 59	\$ 200 62	2,517 21	*457 21
Physical plant.....	28,541 00	25,102 14	151 08	25,253 22	3,287 78
Laboratory supplies.....	3,000 00	479 28	36	479 64	2,520 36
Anatomy.....	1,525 00	979 60	650 83	1,630 43	*105 43
Physiology.....	1,000 00	515 14	120 76	635 90	364 10
Chemistry.....	3,050 00	1,430 36	1,697 22	3,127 58	*77 58
Laboratory stores.....	6,736 24	10,830 93		10,830 93	*4,094 69
Microscopes.....	6,000 00	2,901 60		2,901 60	3,098 40
Medical—					
Salaries.....	29,870 00	29,330 13		29,330 13	539 87
Administration.....	4,435 00	4,261 55	240 07	4,501 62	*66 62
Pathology.....	1,200 00	711 98	494 28	1,206 26	*6 26
Pharmacology.....	1,000 00	527 23	454 20	981 43	18 57
Research.....	1,737 00	860 19	658 49	1,518 68	218 32
Medicine.....	700 00	281 60	36 64	318 24	381 76

## SCHEDULE 38—Concluded.

	Appropriations and credits.	Cash disbursements.	Transfer charges.	Total.	Unexpended balances.
Medical—Concluded.					
Surgery.....	\$ 1,400 00	\$ 244 29	\$ 316 67	\$ 560 96	\$ 839 04
Obstetrics.....	1,500 00	1,702 75	11 48	1,714 23	*214 23
Roentgenology.....	1,400 00	1,273 02	1 98	1,275 00	125 00
Dispensary.....	2,000 00	1,222 42	1,140 98	2,363 40	*363 40
Library.....	4,050 00	3,310 93	57 94	3,368 87	681 13
Bacteriology.....		8 50		8 50	*8 50
Dental—					
Salaries.....	18,940 00	18,012 85		18,012 85	927 15
Administration.....	2,576 00	2,155 56	186 37	2,341 93	234 07
Oral Surgery and Pathology.....	300 00	138 46	11 87	150 33	149 67
Operative Dentistry.....	200 00	175 65		175 65	24 35
Prosthetic Dentistry.....	300 00	295 70	2 96	298 66	1 34
Histology and Orthology.....	500 00	40 13	128 15	168 28	331 72
Bacteriology.....	700 00	36 20	106 05	142 25	557 75
Infirmary.....	3,600 00	3,243 69	64 08	3,307 77	292 23
Radiology.....	700 00	255 06	3 16	258 22	441 78
Mortgage and interest.....	13,541 40	13,200 41		13,200 41	340 99
Total.....	\$186,403 64	\$162,346 07	\$6,736 24	\$169,082 31	\$17,321 33
Deduction Medicine and Dentistry, 959.....		30		30	30
Total as per business office.....	\$186,403 64	\$162,345 77	\$6,736 24	\$169,082 01	\$17,321 63

\* Overdraft.

STATEMENT OF APPROPRIATIONS FOR OTHER SCHOOLS AND DEPARTMENTS  
AS AT JUNE 30, 1915.

	Appropriations and credits.	Cash disbursements.	Transfer charges.	Total.	Unexpended balances.
Commerce—					
Salaries.....	\$31,033 08	\$31,033 08		\$31,033 08	
Expense.....	5,600 00	5,199 03	\$286 92	\$ 5,485 95	\$ 114 05
Law School—					
Salaries.....	23,232 90	23,232 90		23,232 90	
Expense.....	3,300 00	2,949 13	130 51	3,079 64	220 36
Pharmacy—					
Salaries.....	10,816 46	10,816 46		10,816 46	
Expense.....	13,358 45	12,853 96	60	12,854 56	503 89
Library School—					
Salaries.....	6,879 80	6,879 80		6,879 80	
Expense.....	1,000 00	948 80	70 03	1,018 83	*18 83
Music—					
Salaries.....	18,349 88	18,349 88		18,349 88	
Expense.....	1,860 00	1,666 97	179 16	1,846 13	13 87
Water survey.....	31,934 99	31,040 99	657 22	31,698 21	236 78
Summer Session 1914.....	23,804 63	23,796 73	7 90	23,804 63	
Summer Session.....	25,000 00	1,449 95	111 50	1,561 45	23,438 55
Accountancy Committee.....	4,268 46	834 70	114 38	949 08	3,319 38
Law Library.....	5,000 00	5,372 16		5,372 16	*372 16
Stores and transfer accounts—					
Office supplies stores.....	9,486 59	11,497 20	51 59	11,548 79	*2,062 20
Physical plant stores.....	99,104 92	102,497 74	368 02	102,865 76	*3,760 84
Postage stores.....	10,209 58	10,735 41		10,735 41	*526 83
Printograph.....	694 07	780 75	12 11	792 86	*98 79
Labor.....	142,225 01	147,050 47		147,050 47	*4,825 46
Total.....	\$467,158 82	\$448,986 11	\$1,989 94	\$450,976 05	\$16,181 77

\* Overdraft.

SCHEDULE 301.  
TRUST FUND TRANSACTIONS AS AT JUNE 30, 1915.

	Balance July 1, 1915.	Receipts to May 31, 1915.	Receipts June, 1915.	Total receipts.
Trust funds—				
B'nai B'rith—				
Library Fund.....	\$ 64 85	\$ 50 00		\$ 114 85
Prize Fund.....	50 00			50 00
Bryan Prize.....	250 00			250 00
Class of 1895 Loan Fund.....	78			78
Graduate Club Loan Fund—				
Principal.....		75 00		75 00
Interest.....		28 25		28 25
Llewellyn Prize.....		50 00		50 00
McDowell Memorial Fund.....	4 57			4 57
McKinley Loan Fund—				
Principal.....	48 79	1,321 89	\$280 00	1,650 68
Interest.....		518 99	41 35	560 34
Margaret Lange James Loan Fund—				
Principal.....		5,605 20	28 00	5,633 20
Interest.....		37 41	15 38	52 79
Plym Fellowship.....	1,200 00	1,000 00		2,200 00
Snyder Loan Fund—				
Principal.....	774 17	2,035 52	432 48	3,242 17
Interest.....		558 53	69 66	628 19
Wilson Lectureship Fund.....	100 00			100 00
Woman's League Loan Fund—				
Principal.....	91 40	40 00		131 40
Interest.....		16 93	50	17 43
Trust deposits—				
Graduate School Thesis deposits.....	575 00	125 00	300 00	1,000 00
Key deposits.....		212 00	5 50	217 50
Military Suits deposits.....		19,414 45	16 20	19,430 65
Parr deposits.....		3,266 95	99 00	3,325 95
Towel deposits.....	291 75	585 00		876 75
Total.....	\$3,451 31	\$34,901 12	\$1,288 07	\$39,640 50

SCHEDULE 301—Concluded.

	Disburse- ments to May 31, 1915.	Disburse- ments June, 1915.	Total disburse- ments.	Balance June 30, 1915.
Trust funds—				
B'nai B'rith—				
Library Fund.....	\$ 114 85		\$ 114 85	
Prize Fund.....		\$ 40 00	40 00	\$ 10 00
Bryan Prize.....				250 00
Class of 1895 Loan Fund.....				78
Graduate Club Loan Fund—				
Principal.....				75 00
Interest.....				28 25
Llewellyn Prize.....		50 00	50 00	
McDowell Memorial Fund.....		4 57	4 57	
McKinley Loan Fund—				
Principal.....	1,800 00	160 00	1,960 00	251 02
Interest.....				
Margaret Lange James Loan Fund—				
Principal.....	2,500 00	370 00	2,870 00	2,763 20
Interest.....				52 79
Plym Fellowship.....	200 00		200 00	2,000 00
Snyder Loan Fund—				
Principal.....	2,600 00		2,600 00	642 17
Interest.....	600 00		600 00	28 19
Wilson Lectureship Fund.....				100 00
Woman's League Loan Fund—				
Principal.....	130 00		130 00	1 40
Interest.....				17 43
Trust deposits—				
Graduate School Thesis deposits.....	50 00	50 00	100 00	900 00
Key deposits.....	12 50	18 00	30 50	187 00
Military Suits deposits.....	19,430 65		19,430 65	
Parr deposits.....	2,556 94	439 56	2,996 50	329 45
Towel deposits.....	25 00	550 00	575 00	301 75
Total.....	\$30,919 94	\$1,682 13	\$31,702 07	\$7,938 43

## RECONCILIATION WITH STATE AUDITOR AS AT JUNE 30, 1915.

	State Auditor's balance.	Unpaid Vouchers.	Business office balance.
Operation, maintenance and equipment.....	\$ 276 13	\$ 276 13	.....
Buildings, land and equipment.....	96,465 98	96,465 98	.....
Water survey.....	823 16	95 28	\$ 727 88
Miners' and Mechanics' Institute.....	1,367 72	13 95	1,353 77
Total.....	\$98,932 99	\$96,851 34	\$2,081 65

## RECONCILIATION WITH UNIVERSITY TREASURER AS AT JUNE 30, 1915.

General fund—		
Treasurer's balance .....		\$217,473 81
Add: Receipts in hands of Assistant Comptroller.....		1,344 48
		\$218,818 29
Deduct: Warrants outstanding—		
Issued before July 1, 1913.....	\$ 341 37	
Issued 1913-14 .....	47 65	
Issued 1914-15 .....	124,906 86	
		125,295 88
Business office corrected balance.....		\$93,522 41
Add: Error warrant No. 7984.....		02
Business office balance.....		\$93,522 43
United States Agricultural Experiment Station Fund—		
Treasurer's balance .....		\$4,252 62
Deduct: Warrants outstanding .....		3,605 53
Business office balance.....		\$657 09
College of Medicine Fund—		
Treasurer's balance .....		\$133 75
Deduct: Warrants outstanding .....		133 75
Business office balance .....		\$000 00
Smith-Lever Fund—		
Treasurer's balance .....		\$3,268 91
Deduct: Warrants outstanding .....		3,268 91
Business office balance .....		\$0,000 00
Trusts fund—		
Treasurer's balance .....		\$8,085 75
Add: Receipts in hands of Assistant Comptroller.....		27 25
		\$8,113 00
Deduct: Warrants outstanding .....		174 57
Business office balance.....		\$7,938 43
July 9, 1915.		

## REGISTRAR'S REPORT OF FEES PAYABLE SECOND SEMESTER, 1914-15.

The Secretary presented also the Registrar's report of fees payable for the second semester of the academic year 1914-15. This report was received for record.

	Gross.	Refund.	Net total.
Matriculation Fees—			
252 @ \$10 .....	\$2,520 00	.....	.....
Refund 4 @ \$10 .....	.....	\$40 00	\$2,480 00
Total, matriculation fees.....	\$ 2,520 00	\$ 40 00	\$ 2,480 00
Incidental Fees—			
3313 @ \$12 .....	39,756 00	.....	.....
Refund 36 @ \$12 .....	.....	432 00	39,324 00
1 @ \$9 (three-fourths) .....	9 00	.....	9 00
5 @ \$6 (one-half) .....	30 00	.....	.....
Refund 46 @ \$6 .....	.....	276 00	—246 00
Total, incidental fees .....	\$39,795 00	\$ 708 00	\$39,087 00



	Gross.	Refund.	Net total.
<b>Tuition Fees—</b>			
397 @ \$7.50 .....	\$2,977 50		
Refund 154 @ \$7.50 .....		\$1,155 00	\$1,822 50
Refund 4 @ \$3.75 (one-half) .....		15 00	—15 00
92 @ \$25 (Law) .....	2,300 00		
Refund 3 @ \$25 .....		75 00	2,225 00
4 @ \$12.50 (one-half) .....	50 00		
Refund 1 @ \$12.50 .....		12 50	37 50
8 @ \$5 (courses, Law) .....	40 00		40 00
Total, tuition fees .....	\$5,367 50	\$1,257 50	\$4,110 00
Total, general fees .....	\$47,682 50	\$2,005 50	\$45,677 00
<b>Music Fees—</b>			
1 @ \$32.50 .....	32 50		32 50
5 @ \$19.50 .....	97 50		
Refund 1 @ \$19.50 .....		19 50	78 00
1 @ \$9.75 (one-half) .....	9 75		9 75
8 @ \$15 .....	120 00		120 00
8 @ \$11 .....	88 00		88 00
101 @ \$8.50 .....	858 50		
Refund 2 @ \$8.50 .....		17 00	841 50
1 @ \$4.25 (one-half) .....	4 25		
Refund 4 @ \$4.25 .....		17 00	—12 75
1 @ \$7.50 .....	7 50		7 50
Total, music fees .....	\$ 1,218 00	\$ 53 50	\$ 1,164 50
<b>Laboratory Fees—</b>			
Animal Husbandry .....	25 00	1 00	24 00
Architecture .....	463 00	5 75	457 25
Architectural Engineering .....	92 00		92 00
Bacteriology .....	439 75	13 50	426 25
Botany .....	615 00	32 00	583 00
Ceramics .....	215 50		215 50
Chemistry .....	11,113 00	559 50	10,553 50
Civil Engineering .....	214 50		214 50
Electrical Engineering .....	352 00	9 00	343 00
Entomology .....	233 50	13 00	220 50
General Engineering Drawing .....	289 00	6 50	282 50
Geology .....	232 75	11 33	221 42
Household Science .....	615 50	13 00	602 50
Mechanical Engineering .....	214 50	4 50	210 00
Mining Engineering .....	20 00		20 00
Municipal and Sanitary Engineering .....	1 00		1 00
Photography .....	32 00		32 00
Physiology .....	182 00	7 00	175 00
Physics .....	938 00	19 00	919 00
Psychology .....	33 00	4 00	29 00
Railway Engineering .....	9 00	3 00	6 00
T. and A. Mechanics .....	254 00	5 50	248 50
Zoology .....	520 00	24 00	496 00
Total, laboratory fees .....	\$17,104 00	\$731 58	\$16,372 42
<b>Listeners' Fees—</b>			
15 @ \$7.50 .....	112 50		112 50
<b>Special Examination Fees—</b>			
373 @ \$5 .....	1,865 00		1,865 00
<b>Late Registration Fees—</b>			
101 @ \$1 .....	101 00		101 00
<b>Change Fees—</b>			
342 @ \$1 .....	342 00		342 00
<b>Diploma Fees—</b>			
819 @ \$5 .....	4,095 00		
Refund 1 @ \$5 .....		5 00	4,090 00
Total, special fees .....	\$6,515 50	\$5 00	\$6,510 50
Total fees .....	\$72,520 00	\$2,795 58	\$69,724 42

### APPOINTMENTS MADE BY THE PRESIDENT OF THE UNIVERSITY.

The Secretary presented for record the following list of appointments made by President James:

Larson, Lewis G., Research Fellow in the Engineering Experiment Station for a period of two years beginning September 1, 1915, with an annual stipend of five hundred dollars (\$500). (July 30, 1915.)\*

Lewis, H. B., Fellow in Pharmaceutical Chemistry for ten months beginning September 1, 1915. (July 29, 1915.)

Nebel, Merle N., Fellow in Geology for the academic year beginning September 1, 1915, with a stipend of three hundred fifty dollars (\$350). (July 20, 1915.)

\* The date in parenthesis is the date on which the appointment was made by the President of the University.

O'Connor, Ethel L., Scholar in German for the academic year beginning September 1, 1915, with a stipend of two hundred fifty dollars (\$250). (July 20, 1915.)

Peters, Helen Augusta, Editorial Assistant in the Department of Dairy Husbandry, beginning August 1, 1915, and continuing until further notice, at a salary of sixty-five dollars a month (\$65), subject to the rules of the Civil Service Commission. (July 24, 1915.)

On motion of Mr. Carr, the board adjourned.

W. L. ABBOTT, *President*.

H. E. CUNNINGHAM, *Secretary*.

## MEETING OF SEPTEMBER 14, 1915.

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The quarterly meeting of the Board of Trustees of the University of Illinois was held in the Trustees' Room, in the Administration Building, at the University, at Urbana, at 2.00 p. m., on Tuesday, September 14, 1915.

As there was no quorum, the board adjourned to meet in the office of the State Superintendent of Public Instruction, in the State House, at Springfield, at 10.00 a. m., on Thursday, September 23, 1915.

W. L. ABBOTT, *President*.

H. E. CUNNINGHAM, *Secretary*.

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## Adjourned Session, September 23, 1915.

Pursuant to the adjournment taken at the session of September 14, 1915, the Board of Trustees of the University of Illinois met in the office of the State Superintendent of Public Instruction, at Springfield, at 10.00 a. m., on Thursday, September 23, 1915.

The following members were present: Mr. Abbott, Mrs. Busey, Mr. Carr, Mrs. Evans, Mrs. Henrotin, Mr. Hoit.

President James and Prof. J. M. White, Supervising Architect, were present.

There being no quorum, the board adjourned to meet at 2.00 p. m., on the same day in the office of the President of the State Board of Agriculture, at the State Fair Grounds, in Springfield.

W. L. ABBOTT, *President*.

H. E. CUNNINGHAM, *Secretary*.

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## Meeting of the Executive Committee, September 23, 1915.

A meeting of the Executive Committee of the Board of Trustees of the University of Illinois was held in the office of the State Superintendent of Public Instruction, at 10.00 a. m., on Thursday, September 23, 1915, immediately following the adjournment of the meeting of the board on the same date.

All the members of the Executive Committee were present, namely, Mr. Abbott, Mr. Carr, and Mr. Hoit; also Mrs. Busey, Mrs. Evans, and Mrs. Henrotin, members of the board, and President James and Supervising Architect J. M. White.

### SITE OF GENETICS LABORATORY.

On request of President James, Prof. White presented the matter of the plans and site of the Genetics Laboratory Building.

On motion of Mr. Carr, the committee selected a site south of the present driveway and east of the horse barns on the south campus, the exact location to be selected by the Supervising Architect, subject to the approval of the President of the University.

### PLANS OF GENETICS LABORATORY.

On motion of Mr. Hoit, the plans of the Genetics Laboratory Building were approved.

The Executive Committee adjourned.

W. L. ABBOTT, *Chairman*.

H. E. CUNNINGHAM, *Clerk*.

### Afternoon Session, September 23, 1915.

When the board convened at the State Fair Grounds, in Springfield, on the afternoon of Thursday, September 23, 1915, the following members were present: Mr. Abbott, Mr. Blair, Mrs. Busey, Mr. Carr, Mrs. Evans, Mrs. Henrotin, Mr. Hoit, Mr. Ward, Miss Watson.

President James and Prof. J. M. White, Supervising Architect, were present.

The board adjourned to meet in the Trustees' Room, at the University, in Urbana, at 2.00 p. m., on Monday, September 27, 1915 at 2.00 p. m.

W. L. ABBOTT, *President*.

H. E. CUNNINGHAM, *Secretary*.

### Adjourned Session, September 27, 1915.

Pursuant to the adjournment taken at the afternoon session of September 23, 1915, the Board of Trustees of the University of Illinois met in the Trustees' Room, at the University, in Urbana, on Monday, September 27, 1915, at 2.00 p. m.

The following members were present: Mr. Abbott, Mrs. Evans, Mrs. Henrotin, Miss Watson.

President James was present, and, also during a part of the session, Miss Martha J. Kyle, Acting Dean of Women, and Mr. H. D. Oberdorfer, Assistant to the Supervising Architect.

#### RECORDS OF COMMITTEE MEETINGS.

The Secretary presented for record the following minutes of meetings of the Executive Committee held on August 17 and 28, and September 7, 1915; also the minutes of a meeting of the Committee on Buildings and Grounds held on August 28, 1915; and also the minutes of meetings of the Committee on the College of Medicine held on August 17 and September 7, 1915.

#### EXECUTIVE COMMITTEE MEETING, AUGUST 17, 1915.

A meeting of the Executive Committee of the Board of Trustees of the University of Illinois was held at Hotel La Salle, in Chicago, at 1.00 p. m., on Tuesday, August 17, 1915.

Mr. W. L. Abbott, Chairman, and Mr. O. W. Hoit, member of the committee, and President James were present.

The President of the University presented the following matters for consideration:

##### APPOINTMENT OF DR. R. G. PEARCE.

(1) A recommendation that Dr. Roy G. Pearce, now at Western Reserve University, be appointed Assistant Professor of Physiology in the College of Medicine for three years beginning September 1, 1915, or as soon thereafter as he reports for duty, with salary at the rate of twenty-seven hundred and fifty dollars a year.

This recommendation was approved.

##### SALARY OF PROF. J. M. MATHEWS.

(2) Owing to a clerical mistake in the budget [page 797] the salary of Assistant Prof. J. M. Mathews of the Department of Political Science was fixed at twenty-one hundred dollars a year. It was intended that the recommendation should be twenty-three hundred dollars a year for the term of his appointment.

The salary of Dr. Mathews was fixed at twenty-three hundred dollars a year for the term of his appointment.

##### PURCHASE OF AUTOMOBILE.

(3) A request from the College of Agriculture for the purchase from Agricultural Funds of a seven passenger automobile, at a cost of about fifteen hundred dollars, to be in charge of the Department of Agricultural Extension and to be used for three purposes:

1. To transport members of the faculty who have University business to the South Farm and other distant points.
2. To facilitate the handling of visitors on the grounds.
3. To be available in case of necessity for other University purposes, all subject to the direction of the President of the University.

This request was granted and the corresponding appropriation made.

**APPROPRIATION FOR SUMMER SESSION.**

(4) A recommendation that the appropriation for the Summer Session of the present year be increased by five hundred dollars to meet unexpected expenditures, including three hundred dollars for administrative services—one hundred and fifty dollars for Mr. Miller, and one hundred and fifty dollars for Prof. W. C. Bagley.

This appropriation was made.

**APPOINTMENT OF MR. H. F. HARRINGTON.**

(5) A recommendation that Mr. H. F. Harrington, now Assistant Professor of Journalism in the University of Kansas, be appointed Associate in Journalism for the term of two years from September 1, 1915, at a salary of two thousand dollars a year.

This appointment was made.

**EQUIPMENT FOR COURSES IN JOURNALISM.**

(6) A request for an appropriation of twenty-five hundred dollars, or so much thereof as may be necessary, to provide equipment for the courses in journalism.

This request was granted and the appropriation made to include such items of equipment as may be requested by the Department of Journalism and approved by the President of the University.

**BUDGETS, COLLEGES OF MEDICINE AND DENTISTRY.**

(7) The itemized budget for salaries and expenses of the College of Dentistry and the College of Medicine within the limits set by the budget already approved; namely, two hundred thousand dollars.

**BUDGET OF THE COLLEGE OF MEDICINE OF THE UNIVERSITY OF ILLINOIS FOR THE FISCAL YEAR BEGINNING JULY 1, 1915.****A. General Office.****I. SALARIES AND WAGES.**

William H. Browne, Secretary (C. S.).....	\$3,000 00
Mabel L. Arneson, Stenographer (C. S.).....	900 00
J. S. Tomlinson, Cashier (C. S.).....	1,500 00
H. W. Cole, Curator (C. S.).....	1,200 00
John Blackwell, Assistant Curator (C. S.).....	720 00
Louise B. Heermann, Stenographer (C. S.).....	720 00
Ethel E. Watson, Typist (C. S.).....	600 00
_____, Animal Keeper .....	660 00

Total, salaries and wages..... \$9,300 00

**II. EXPENSES.**

Office equipment .....	300 00
Telephone .....	500 00
Freight and express.....	250 00
Postage .....	800 00
Traveling expenses .....	250 00

Total, expenses .....

\$2,100 00

III. EQUIPMENT .....

100 00

Total, general office .....

\$11,500 00

**B. Physical Plant.****I. SALARIES AND WAGES.**

William H. Browne, Superintendent (C. S.).*	
Edward C. Fletcher, Asst. Supt. of Bldgs. (C. S.).....	1,425 00
Eric Froberg, Janitor (C. S.).....	900 00
Eschoo David, Assistant Janitor (C. S.).....	660 00
Simon David, Assistant Janitor (C. S.).....	600 00
Elia George, Assistant Janitor (C. S.).....	600 00
John Castonas, Assistant Janitor (C. S.).....	600 00
Paul David, Assistant Janitor (C. S.).....	720 00
_____, Assistant Janitor (C. S.).....	600 00
_____, Assistant Janitor (C. S.).....	600 00
_____, Assistant Janitor (10 months) (C. S.).....	500 00
_____, Fireman (C. S.).....	960 00
_____, Night Watchman (C. S.).....	720 00
Extra labor .....	100 00

Total, salaries and wages..... \$8,985 00

**II. BUILDING REPAIRS AND IMPROVEMENTS.**

1. Printing press and accessories.....	500 00
2. Calcimining, painting, etc.....	3,000 00
3. Repairing boilers, radiation, and new water system.....	2,800 00
4. General reconstruction, including dental laboratories...	2,200 00
5. General repairs, including roofs, windows, electrical wiring, etc. ....	3,000 00
6. Repairs on machinery.....	200 00

Total, building repairs and improvements..... \$11,700 00

\* Salary under general office, above.

**B. Physical Plant—Concluded.****III. HEAT, LIGHT, ETC.**

Coal .....	\$3,500 00
Light and power.....	2,000 00
Gas .....	700 00
Incandescent bulbs .....	250 00
General supplies, Engineering Department.....	300 00
Removing ashes, etc. ....	200 00

Total, heat, light, etc..... \$6,950 00

**IV. ADMINISTRATION AND BUILDING OPERATION.**

Janitor stores .....	600 00
Clock rental .....	108 00
Elevator inspection .....	14 00
Stores .....	500 00

Total, administration and building operation..... \$1,222 00

Total, physical plant..... \$28,857 00

**C. General Supplies.****I. EXPENSE.**

Animal feed .....	800 00
Laboratory supplies for student lockers.....	1,500 00

Total, general supplies..... \$2,300 00

**D. Anatomy.****I. SALARIES AND WAGES.**

A. C. Eycleshymer, Professor.....	5,000 00
R. L. Moodie, Associate.....	2,000 00
T. S. Jones, Artist (part time).....	1,000 00
L. N. Boelio, Technician.....	960 00
Morris Kramer, Technician in Gross Anatomy.....	720 00
Esther Broday, Typist (10 months at \$55) (C. S.).....	550 00
Graduate Assistant .....	200 00
Graduate Assistants (1 for 15 students).....	704 00

Total, salaries and wages..... \$11,134 00

**II. EXPENSES.**

Cadavers, Medical Department .....	340 00
Cadavers, Dental Department .....	300 00
Cadavers, Urbana, 1st year Med.....	37 50
Supplies (general) .....	100 00

Total, expenses .....

\$ 777 50

**III. EQUIPMENT AND SUPPLIES.**

Import order (authorized).....	1,000 00
Miscellaneous (stains, reagents, glassware, and artists supplies) .....	575 00

Total, equipment and supplies..... \$1,575 00

Total, Anatomy .....

\$13,486 50

**E. Physiology.****I. SALARIES AND WAGES.**

George P. Dreyer, Professor.....	4,000 00
Roy C. Pearce, Assistant Professor.....	2,750 00
Howard Curl, Assistant (half-time).....	500 00
Technician (Wm. Braun).....	540 00

Total, salaries and wages..... \$7,790 00

**II. EXPENSES.**

Supplies and repairs .....	600 00
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**III. EQUIPMENT.**

Apparatus .....	1,000 00
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Total, Physiology .....

\$9,390 00

**F. Chemistry.****I. SALARIES AND WAGES.**

W. H. Welker, Assistant Professor.....	3,000 00
Clayton S. Smith, Instructor.....	2,000 00
Grover Tracy, Assistant .....	1,000 00
J. C. Small, Student Assistant (half-time).....	500 00
Student Assistant (Fellow) .....	500 00
Technician (12 months) .....	600 00
Technician (8 months) .....	320 00

Total, salaries and wages..... \$7,920 00

**II. EXPENSES.**

Supplies .....	2,000 00
Typist .....	400 00
Printing .....	50 00
Current for refrigerator.....	360 00
Current for special apparatus.....	180 00

Total, expenses .....

\$2,990 00

**III. EQUIPMENT AND REPAIRS.**

Equipment and repairs .....	500 00
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Total, Chemistry .....

\$11,410 00

**G. Administration.****I. SALARIES AND WAGES.**

Office supplies .....	\$175 00
Extra clerical help .....	300 00
Extra service .....	150 00

Total, salaries and wages..... \$ 625 00

**II. EXPENSES.**

Telephone .....	140 00
Laundry .....	1,000 00
Printing .....	1,500 00
Advertising .....	2,000 00
Diplomas .....	115 00
Music for opening exercises.....	50 00
Medical office supplies.....	75 00
Expenses of graduating class and Faculty to Urbana.....	1,000 00
Y. M. C. A. Secretary.....	150 00

Total, expenses .....

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\$6,030 00

Total, administration .....

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\$6,655 00

**H. Pathology.****I. SALARIES AND WAGES.**

W. H. Burmeister, Assistant Professor (half-time).....	2,000 00
T. H. Boughton, Associate .....	1,800 00
Amy G. Weedon, Technician (12 months).....	840 00
_____, Technician (\$50).....	550 00

Total, salaries and wages..... \$5,190 00

**II. EXPENSES.**

Animals .....	400 00
Repairs .....	250 00
Current for refrigerator .....	360 00

Total, expenses .....

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\$1,010 00

**III. EQUIPMENT.**

Chemicals and stains.....	300 00
Glassware .....	300 00
Microscopes .....	500 00
Museum cases .....	650 00
Miscellaneous .....	90 00

Total, equipment .....

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\$1,840 00

Total, Pathology .....

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\$8,040 00

**I. Pharmacology.****I. SALARIES AND WAGES.**

Bernard Fantus, Professor of Pharmacology and Therapeutics (half-time) .....	2,000 00
A. O. Shaklee, Assistant Professor.....	2,000 00
W. E. Simmonds, Instructor (half-time).....	500 00
Student assistants .....	150 00
Typist .....	400 00
Laboratory assistant .....	480 00

Total, salaries and wages..... \$5,530 00

**II. EQUIPMENT.**

(a) Import order .....	1,552 73
(b) Pharmacology equipment .....	450 00
(c) Apparatus .....	450 00
(d) Laboratory supplies, animals and chemicals.....	668 73
(e) Supplies, Physical Therapy.....	135 00
(f) Repairs .....	530 00

Total, equipment .....

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\$3,786 51

Total, Pharmacology .....

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\$9,316 51

**J. Research Laboratory Including Bacteriology and Clinical Microscopy.****I. SALARIES AND WAGES.**

D. J. Davis, Director.....	5,000 00
J. J. Moore, Associate.....	1,800 00
_____, Fellow .....	600 00
August Lundquist, Technician.....	840 00
Carl Gaffney, Technician (half-time).....	300 00

Total, salaries and wages..... \$8,540 00

**II. EXPENSES.**

Laboratory supplies, including Clinical Microscopy.....	1,200 00
Repairs .....	75 00
Current for refrigerator.....	360 00

Total, expenses .....

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\$1,635 00

**III. LABORATORY APPARATUS**

..... 200 00

**IV. EXPENSES (BACTERIOLOGY).**

Equipment .....	500 00
Supplies .....	400 00
Repairs .....	150 00

Total, expenses (Bacteriology).....

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\$1,050 00

Total, Research Laboratory .....

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\$11,425 00

**K. Medicine.****I. EXPENSES.**

Supplies and equipment for Medicine and divisions of  
Pediatrics, Neurology, and Psychiatry..... \$2,000 00

Total, Medicine ..... \$2,000 00

**L. Surgery.****I. SALARIES AND WAGES.**

Anna M. Hoy, Clinical Nurse (full time, C. S.)..... 720 00

Total, salaries and wages..... \$ 720 00

**II. EXPENSES.**

Clinical supplies ..... 1,200 00

Total, expenses ..... \$1,200 00

**III. EQUIPMENT.**

Clinical apparatus and instruments for Surgery and its  
various divisions, including a Balopticon apparatus..... 1,200 00

Total, equipment ..... \$1,200 00

Total, Surgery ..... \$3,120 00

**M. Obstetrics.****I. SALARIES AND WAGES.**

\_\_\_\_\_, Fellow ..... 600 00

Total, salaries and wages..... \$ 600 00

**II. EXPENSES.**

Hospital supplies (Maternity ward)..... 1,800 00

Total, expenses ..... \$1,800 00

**III. EQUIPMENT**

..... 400 00

Total, Obstetrics ..... \$2,800 00

**N. Roentgenology.****I. SALARIES AND WAGES.**

\_\_\_\_\_, Assistant ..... 500 00

Total, salaries and wages..... \$500 00

**II. EXPENSES.**

Chemicals, plates, etc..... 500 00

Total, expenses ..... \$500 00

**III. EQUIPMENT.**

Tubes, screens, etc..... 300 00

Plate cabinet ..... 200 00

Incidentals, stereoscopic slides, etc..... 100 00

Total, equipment ..... \$600 00

Total, Roentgenology ..... \$1,600 00

**O. Dispensary.****I. SALARIES AND WAGES.**

Miss E. Seaberg, Nurse (C. S.)..... 840 00

\_\_\_\_\_, extra full-time Nurse (C. S.)..... 720 00

Josephine Allen, Clerk (C. S.)..... 660 00

G. N. Hiskey, Druggist..... 540 00

Total, salaries and wages..... \$2,760 00

**II. EXPENSES.**

Drugs ..... 600 00

Clinical supplies ..... 1,200 00

Operation and maintenance..... 1,200 00

Total, expenses ..... \$3,000 00

Total, Dispensary ..... \$5,760 00

**P. Library.****I. SALARIES AND WAGES.**

Metta M. Loomis, Librarian (C. S.)..... 1,200 00

\_\_\_\_\_, Assistant Librarian (C. S.)..... 600 00

Total, salaries and wages..... \$1,800 00

**II. EXPENSES.**

Typist (student help) ..... 100 00

Stationery, office supplies, etc..... 100 00

Total, expenses ..... \$ 200 00

**III. EQUIPMENT.**

Stacks and furniture..... 400 00

Books, current journals, binding, etc..... 5,000 00

Total, equipment ..... \$5,400 00

Total, library ..... \$7,400 00

Grand total, College of Medicine..... \$135,060 01



**SALARY BUDGET OF THE COLLEGE OF DENTISTRY OF THE UNIVERSITY  
OF ILLINOIS, JULY 1, 1915, TO JUNE 30, 1916; SALARIES TO BEGIN  
SEPTEMBER 1, UNLESS OTHERWISE INDICATED.**

	Salary.
<b>Oral Surgery, Pathology, and Bacteriology.</b>	
Frederick B. Moorehead, Professor.....	\$1,000 00
Louis Schultz, Assistant Professor.....	500 00
Frank J. Bernard, Instructor in Extracting.....	300 00
, Instructor.....	100 00
Edwin P. Swatek, Assistant (without salary).....	.....
Anna Bolan, Clinical Nurse (C. S.), half-time, (half-time also in Infirmary), \$32.50 a month.....	325 00
<b>Operative Dentistry and Operative Technics.</b>	
D. M. Gallie, Professor.....	1,000 00
Louis E. Bake, Assistant Professor.....	600 00
E. J. Krejci, Instructor in Operative Dentistry and Therapeutics, half-time, (half-time also in Infirmary). (From July 1, 1915)...	600 00
M. W. Deist, Instructor in Operative and Prosthetic Dentistry, half- time.....	500 00
W. Ira Williams, Instructor (Porcelain Art).....	150 00
<b>Prosthetic Dentistry and Prosthetic Technics.</b>	
G. W. Dittmar, Professor.....	1,000 00
S. P. Starr, Assistant Professor.....	600 00
J. H. Kaplan, Instructor, half-time, (half-time also in Infirmary)...	750 00
<b>Histology.</b>	
F. B. Noyes, Professor, half-time (half-time also in Orthodontia)...	750 00
, Instructor.....	600 00
, Student Assistant.....	100 00
<b>Orthodontia.</b>	
F. B. Noyes, Professor, half-time (half-time also in Histology)...	750 00
<b>Research Laboratory.</b>	
F. B. Moorehead and F. B. Noyes, Directors.....	.....
Dr. Kaethe Dewey, Research Assistant, \$100 a month, beginning Oct. 1, 1915.....	900 00
<b>Materia Medica and Therapeutics.</b>	
E. D. Coolidge, Professor.....	1,000 00
Arthur G. Nauman, Instructor, (without salary).....	.....
<b>Jurisprudence.</b>	
Elmer D. Brothers, Lecturer.....	100 00
<b>Comparative Anatomy.</b>	
Elmer S. Riggs, Lecturer.....	150 00
<b>Infirmary.</b>	
John C. McGuire, Superintendent and Instructor in Radiography..	2,400 00
M. W. Deist, Instructor, half-time (half-time also in Operative Den- tistry).....	500 00
J. H. Kaplan, Instructor, half-time (half-time also in Prosthetic Dentistry).....	750 00
E. J. Krejci, Instructor, half-time (half-time also in Operative Dentistry and Operative Technics).....	600 00
Maud Gubbins, Clerk (C. S.), \$65 per month.....	650 00
Mary Morehead, Clerk (C. S.), \$40 per month.....	400 00
Anna Bolan, Nurse (C. S.), half-time (half-time also in Oral Sur- gery), \$32.50 per month.....	325 00
<b>Administration.</b>	
Frederick B. Moorehead, Dean.....	2,000 00
Georgina Tomek, Clerk (C. S.), \$65 per month.....	650 00

**COLLEGE OF DENTISTRY EXPENSE ACCOUNT FOR THE ACADEMIC YEAR  
BEGINNING JULY 1, 1915.**

<b>I. Department of Oral Surgery.</b>	
Equipment and supplies.....	\$ 500 00
<b>II. Department of Operative Dentistry and Operative Technics.</b>	
Equipment and supplies.....	300 00
<b>III. Department of Prosthetic Dentistry and Prosthetic Technics.</b>	
Equipment and supplies.....	750 00
<b>IV. Department of Histology.</b>	
Equipment and supplies.....	400 00
<b>V. Department of Orthodontia.</b>	
Equipment and supplies.....	250 00
<b>VI. Research Laboratory.</b>	
Equipment and supplies.....	1,000 00
<b>VII. Materia Medica and Therapeutics.</b>	
Equipment and supplies.....	400 00
<b>VIII. Infirmary.</b>	
Equipment and supplies—	
General supplies.....	\$4,000 00
Electrical engines (20).....	2,000 00
Chairs (5).....	1,000 00
<b>Total</b> .....	<b>7,000 00</b>

**IX. Department of Radiography.**

Equipment and supplies .....	\$1,200 00
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**X. Administration.****Expense and equipment—**

Advertising .....	\$1,500 00
Printing .....	600 00
Laundry .....	500 00
Stamps, etc. ....	600 00
Equipment .....	250 00
Traveling expenses .....	150 00

Total, expense and equipment.....	3,600 00
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Grand total .....	\$15,400 00
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The President of the University was authorized to arrange the details of the budget as to salaries and expenses of the College of Medicine and the College of Dentistry within the limits set by the budget.

**BELGIAN RELIEF COMMISSION.**

(8) A request from the Belgian Relief Commission that the University of Illinois send one member of its staff to help distribute relief among the Belgians. Prof. Thomas E. Oliver is willing to undertake this task. It will be necessary, if the Trustees are willing that this should be done, to give him leave of absence until the beginning of the second semester of the academic year 1915-16, that is until February 9, 1916.

This is an unusual opportunity for a member of the Department of Romance Languages. The commission consists of the American Commission for Relief in Belgium, the Spanish Commission for Relief in Belgium, and the Belgian National Committee of Aid and Sustenance. The honorary chairmen are the Spanish Ambassador in London, the Spanish Minister in Brussels, and the American Ambassadors in Brussels, The Hague, London, Berlin, and Paris. Herbert C. Hoover, the chairman of the commission, is a distinguished engineer with offices in London, New York, and San Francisco. The Vice Chairman is Linden W. Bates, another distinguished engineer of New York and London. The bankers are The National City Bank and the Guarantee Trust Company of New York.

The request was made from the London office of the commission, who say that they are in need of five or six men from the United States for the Belgian staff of this commission.

Leave of absence was granted to Prof. Thomas E. Oliver for this service.

**APPOINTMENT OF DR. B. E. POWELL.**

(9) A recommendation that Dr. Burt E. Powell be appointed for one year from September 1, 1915, to be Editor of the University Press Bulletin, Director of the Information Office, and University Historian, at a salary of twenty-five hundred dollars a year.

This appointment was made.

**FUNDS FOR SMITH MUSIC BUILDING.**

(10) It will be remembered that Capt. Thomas J. Smith presented certain farms to the University from the proceeds of the sale of which a Music Building was to be erected on the Campus for the use of the University, and authority was given to the Comptroller to sell such of these farms as he may be able to sell at a price not less than the value set upon them by Capt. Smith [page 106].

It may not be possible to sell these farms at such a price in time to permit the erection of this building within the present biennium. Capt. Smith is naturally very desirous of seeing this building erected at as early a date as possible. He would very much like to see it dedicated by February, 1917, the fiftieth anniversary of his marriage to Mrs. Smith, in whose honor the building is erected. We need this building very much to enable us to develop in a more worthy way our musical work. I think it would be feasible to borrow upon these farms a sum sufficient to erect at least a wing of this building by the time suggested by Capt. Smith.

The Executive Committee approved the general idea and the President of the University was authorized to see what arrangements can be made to carry out the project and to present the same for the consideration of the Board of Trustees.

The Executive Committee adjourned.

W. L. ABBOTT, *Chairman.*  
O. W. HOIT.

**EXECUTIVE COMMITTEE MEETING, AUGUST 28, 1915.**

A meeting of the Executive Committee of the Board of Trustees of the University of Illinois was held in the Trustees' Room, at the University, in Urbana, on Saturday, August 28, 1915.

Mr. W. L. Abbott, Chairman, and Mr. Hoit, member of the committee, Mrs. Busey and Mrs. Evans, members of the board, President James, and Prof. J. M. White, Supervising Architect, were present.

**APPROVAL OF SIGNING SECRETARY'S NAME.**

The following resolution was adopted:

WHEREAS, It became necessary for Mr. H. E. Cunningham, Secretary of the Board of Trustees, to authorize Mr. W. B. Castenholz, Comptroller, to sign his name to University Warrant No. 13 in the trust funds' account, the Executive Committee hereby approves said action and signature on said University Warrant No. 13, in the trust funds' account.

**AUTHORITY TO SIGN WARRANTS.**

Mr. Abbott stated that he had given the Comptroller of the University, Mr. W. B. Castenholz, authority to sign his name as President of the Board of Trustees to all warrants drawn on the University Treasurer from August 15 to September 15, 1915. This action of Mr. Abbott was approved.

**APPOINTMENT OF PROF. A. V. BLEININGER.**

On nomination of President James, Mr. A. V. Bleininger was appointed Professor of Ceramic Engineering and Head of the Department of Ceramic Engineering for the term of five months, from September 1, 1915, to February 1, 1916, at a salary of five hundred dollars a month.

The Executive Committee adjourned.

W. L. ABBOTT, *Chairman.*

O. W. HOIT.

**EXECUTIVE COMMITTEE MEETING, SEPTEMBER 7, 1915.**

A meeting of the Executive Committee of the Board of Trustees of the University of Illinois was held in the office of Mr. W. L. Abbott, in Chicago, on Tuesday, September 7, 1915.

All the members of the Executive Committee were present; namely, Mr. W. L. Abbott, Chairman, Mr. R. F. Carr, and Mr. O. W. Hoit. Mrs. Laura B. Evans, a member of the board, and President James were present.

**SITE FOR THE SCHOOL OF PHARMACY.**

The question of the purchase of certain property in the city of Chicago for the use of the School of Pharmacy was carefully considered in conjunction with the report of the Committee on the College of Medicine, which was to the effect that this property should be purchased if it can be bought for what the Board would consider a reasonable figure. Letters from W. B. Day, Acting Dean of the School of Pharmacy of the University of Illinois, indicating that in his opinion the building under consideration could be made usable for the School of Pharmacy by the addition of a structure for the laboratories; a letter from Prof. J. M. White concerning the physical condition of the building with an estimate of the cost of putting it in order for use by the School of Pharmacy; and a letter from Mr. N. Rooneberg, Industrial Engineer, expressing the opinion that the building is throughout in a good state of preservation, were presented.

On motion of Mr. Carr, Mr. Alexander Prussing was authorized to ascertain whether the holders of the first mortgage on this property would accept an offer of fifteen thousand dollars for their rights in the property, provided these rights carried with them the power to give a satisfactory deed, and to report the result of this inquiry to President Abbott.

**PRESIDENT'S BILL FOR TRAVELING EXPENSES.**

The Chairman of the committee, Mr. Abbott, presented the bill for the sum of \$4,141.28, for traveling expenses incurred by the President of the University in the course of conducting University business from July 1, 1910, to June 30, 1915, which had been referred to the Executive Committee with power to audit and, if found correct, to order payment [page 810].

After examination and audit, the bill was approved and ordered paid.

The Executive Committee adjourned.

W. L. ABBOTT, *Chairman.*

R. F. CARR.

O. W. HOIT.

**BUILDINGS AND GROUNDS COMMITTEE MEETING, AUGUST 28, 1915.**

A meeting of the Committee on Buildings and Grounds was held in the Trustees' Room, at the University, in Urbana, on Saturday, August 28, 1915.

Mr. W. L. Abbott, Chairman, Mrs. Mary E. Busey, and Mrs. Laura B. Evans, members of the committee were present; also Mr. O. W. Hoit, a member of the board, President James, and Prof. J. M. White, Supervising Architect.

After a careful inspection of sites proposed for new agricultural buildings and an inspection of the progress achieved in the erection of the Ceramics and Vivarium Buildings, the committee took up the following items of business:

**ACCEPTANCE OF ADMINISTRATION BUILDING.**

A recommendation from the Supervising Architect that the Administration Building be accepted as of the date of July 15, 1915, so far as English Brothers' contracts are concerned, and that the bonus earned by English Brothers, of one thousand and fifty dollars, be paid.

After Mr. English was heard upon the subject, a recommendation was made and referred to the Board of Trustees for final action.

**SYSTEM OF ROADWAYS AND PAVEMENTS.**

The committee heard Prof. F. H. Newell upon the desirability of making a comprehensive plan for the roadways and pavements of the University and adopting the method of constructing different portions of these roads and pavements of varying construction so that the students in the Department of Civil Engineering might have specimens of various kinds of road construction near at hand for purposes of study.

No action was taken upon this matter.

**UNIVERSITY WATER SYSTEM.**

Mr. Paul Hansen, Engineer of the State Water Survey, was heard upon the subject of the University water system. He presented a report prepared by Director Edward Bartow and himself containing a study of the needs of the University for water at present, with an estimate of the need for a number of years to come and with certain recommendations.

No action was taken on this matter.

**EXTENSION OF TIME, CERAMICS BUILDING.**

Mr. A. W. Stoolman, contractor for the Ceramics Building, was heard in regard to a request for an extension of time.

No action was taken on this matter.

**FEEDING PLANT.**

The Supervising Architect presented a provisional plan for the new feeding plant, with a recommendation that it be located on the back farm on a line east and west from the front of the sheep barn and about two-thirds of the way from the sheep barn to the farm house located on the top of the hill.

The location and the general plan were approved.

**AGRONOMY BARN.**

The Supervising Architect presented a plan for an agronomy barn, to cost about five thousand dollars, and to be located on or near the site of the present barn on the back farm at the end of the street running into the agronomy fields from the north.

The general plan and the location were approved.

**GENETICS BUILDING.**

The Supervising Architect presented plans for a Genetics Building, with a recommendation that it be located on the back Campus immediately south of the agronomy plots, extending from Mathews Avenue about 120 feet west.

No action was taken on this recommendation.

W. L. ABBOTT, *Chairman.*

MARY E. BUSEY.

LAURA B. EVANS.

**COMMITTEE ON COLLEGE OF MEDICINE, AUGUST 17, 1915.**

A meeting of the Committee on the College of Medicine and School of Pharmacy was held at Hotel La Salle, in Chicago, on Tuesday, August 17, 1915.

Mr. W. L. Abbott and Mr. O. W. Hoit, members of the committee, and President James were present. The Chairman, Mrs. Laura B. Evans, telegraphed at the last moment that she could not be present.

**SITE FOR CLINICAL AND PHARMACY BUILDINGS.**

The questions of a suitable site for the Clinical Building and a suitable property for the use of the School of Pharmacy were discussed at length. Messrs. Abbott and Hoit subsequently inspected various possible sites for the proposed Clinical Building for the College of Medicine and also various possible properties for the use of the School of Pharmacy.

No action was taken upon these subjects.

**DEANSHIP, COLLEGE OF MEDICINE.**

The question of the deanship of the College of Medicine for the coming year was also discussed, and the matter was referred with power to act to the President of the University under the authority already granted by the Board of Trustees.

**BUDGET, COLLEGES OF MEDICINE AND DENTISTRY.**

The President of the University presented the budget for the Colleges of Medicine and Dentistry, which was referred to the Executive Committee with recommendation that it be approved.

W. L. ABBOTT, *Chairman pro tempore.*

O. W. HOIT.

**COMMITTEE ON COLLEGE OF MEDICINE, SEPTEMBER 7, 1915.**

A meeting of the Committee on the College of Medicine and School of Pharmacy was held in the office of Mr. W. L. Abbott, in Chicago, on Tuesday, September 7, 1915.

All the members of the committee were present; namely, Mrs. Laura B. Evans, Chairman, Mr. W. L. Abbott, and Mr. O. W. Hoyt. President James, Acting Dean W. B. Day, and Mr. Alexander Prussing, of the firm of McKee and Poague, were present.

**SITE FOR SCHOOL OF PHARMACY.**

President James presented a letter from Mr. Alexander Prussing, dated July 15, 1915, saying that in all probability certain property could be acquired by the purchase of the master's certificate which was issued at the time of the foreclosure of a mortgage on the property. The mortgage amounts to something like twenty thousand dollars.

This is the property which has been recommended to the Board of Trustees as a suitable one for housing the School of Pharmacy.

Messrs. Abbott and Hoyt examined the property on occasion of the previous meeting of the Committee on the College of Medicine held at Hotel La Salle, on Tuesday, August 17, 1915. A letter was presented from Prof. J. M. White, expressing his opinion as to the condition of the building, and also a copy of a letter from Mr. N. Rooneberg, Industrial Engineer, concerning the structural condition of the building, in which he states that he found the building throughout in a good state of preservation.

After full consideration of the subject, on motion of Mr. Hoyt, the committee recommended the purchase of this property if it can be bought for what the Board of Trustees would consider a reasonable figure.

The committee adjourned.

MRS. LAURA B. EVANS, *Chairman.*

W. L. ABBOTT.

O. W. HOYT.

**MATTERS PRESENTED BY PRESIDENT JAMES.**

The President of the University presented the following matters for consideration:

**MORTGAGE, COLLEGE OF MEDICINE.**

(1) A statement concerning the extension of the mortgage for \$56,000 held on the College of Medicine property by the Board of Education of Chicago.

No action was taken concerning this matter.

**SITE FOR SCHOOL OF PHARMACY.**

(2) A letter from Mr. Alexander Prussing concerning the purchase of a site for the School of Pharmacy, and a statement concerning other property that might be available.

No action was taken in this matter.

**WOMEN'S RESIDENCE HALL.**

(3) A statement concerning the plans for the Women's Residence Hall.

Miss Martha J. Kyle, Acting Dean of Women, addressed the board concerning certain detailed changes in the plans.

Mr. H. D. Oberdorfer addressed the board concerning the possible changes that might be required by building-line restrictions obtaining on Nevada Street. It was the opinion of the members of the board that the depth of the building should not be lessened.

**PROTEST AGAINST STREET RAILWAY ON LINCOLN AVENUE.**

(4) A protest signed by certain property owners on Lincoln Avenue in Urbana against the proposed location of an extension of the street railway southward on Lincoln Avenue [pages 246, 285].

No action was taken in this matter.

**NOMINATION FOR BOARD OF EXAMINERS IN ACCOUNTANCY.**

(5) The nomination of Mr. Nathan William MacChesney, of Chicago, for membership on the Board of Examiners in Accountancy for three years ending June 30, 1918, in place of Mr. Marquis Eaton, whose term has expired.

No action was taken on this matter.

**AMERICAN GAME PROTECTIVE ASSOCIATION.**

(6) A request from the American Game Protective Association that the University join them in furtherance of the work for the protection of game birds.

No action was taken on this matter.

**PROPOSED BATTERY OF ARTILLERY.**

(7) A statement concerning the proposed battery of artillery to be organized in connection with the University Brigade [page 156].

No action was taken concerning this matter.

**PLANS FOR WOMEN'S RESIDENCE HALL.**

(8) A letter from Prof. J. M. White, Supervising Architect, concerning the necessity of proceeding with the plans of the Women's Residence Hall.

No action was taken on this matter.

**APPOINTMENTS, COLLEGE OF MEDICINE.**

The Secretary presented for record the following list of appointments to the faculty of the Senior College of the College of Medicine, made by President James on September 18, 1915. All appointments are for the term of one year from September 1, 1915, without salary.

**DEPARTMENT OF DERMATOLOGY.**

Frederick G. Harris, M.D., Assistant Professor of Dermatology and Venereal Diseases and Acting Head of the Department of Dermatology.

William A. Pusey, A.M., M.D., Professor, *Emeritus*.

Philip F. Schaffner, M.D., Instructor.

**DEPARTMENT OF HYGIENE AND MEDICAL JURISPRUDENCE.**

Adolph Gehrmann, M.D., Professor and Head of the Department of Hygiene.

Elmer D. Brothers, M.S., LL.B., Lecturer on Medical Jurisprudence.

Matthew Mills, LL.B., Alternate Lecturer on Medical Jurisprudence.

**DEPARTMENT OF MEDICINE.****DIVISION OF INTERNAL MEDICINE.**

Charles S. Williamson, B.S., M.D., Professor and Head of the Department of Medicine.

William E. Quine, M.D., LL.D., Professor of Medicine, *Emeritus*.

Maurice L. Goodkind, M.D., Professor of Clinical Medicine.

Joseph M. Patton, M.D., Professor of Clinical Medicine.

Frederick Tice, M.D., Professor of Diseases of the Chest and Clinical Medicine.

John Weatherston, C.E., M.D., Assistant Professor of Medicine; Recording Secretary of the Faculty.

Edward L. Heintz, Ph.G., M.D., Assistant Professor of Medicine and Clinical Medicine.

Maurice Lewison, M.D., Assistant Professor of Physical Diagnosis.

Ernest S. Moore, Ph.B., M.D., Associate in Clinical Medicine.

Robert Mosser, M.D., Associate in Clinical Medicine.

Robert W. Morris, A.B., M.D., Instructor in Medicine (Senior year).

Waldemar Eberhardt, B.S., M.D., Instructor in Medicine (Senior year).

Edward F. Fox, M.D., Instructor in Medicine (Senior year).

George J. Lorch, Ph.G., M.D., Instructor in Medicine (Junior year).

Frank Chauvet, M.D., Instructor in Physical Diagnosis.

Paul B. Welch, M.D., Instructor in Clinical Medicine.

Robert A. Crawford, M.D., Instructor in Clinical Medicine.

Carl H. Bartling, M.D., Instructor in Clinical Medicine.

Louis Rudolph, M.D., Instructor in Physical Diagnosis.

F. Raymond Crooks, M.D., Instructor in Medicine (Junior year).

Solomon Strouse, A.B., M.D., Instructor in Clinical Medicine.

Walter B. Metcalf, M.D., Instructor in Clinical Medicine.

Franklin S. Wilson, M.D., Instructor in Clinical Medicine.

Phillip M. Dale, M.D., Instructor in Clinical Medicine.

A. W. Burke, M.D., Instructor in Medicine.

John M. Krasa, M.D., Instructor in Medicine.

Robert L. Furby, M.D., Instructor in Medicine.

Frank J. Jirka, M.D., Assistant in Physical Diagnosis.

**DIVISION OF PEDIATRICS.**

Julius H. Hess, M.D., Associate Professor of Pediatrics and Head of the Division of Pediatrics.

Emanuel O. Benson, A.B., M.D., Assistant Professor of Pediatrics and Clinical Pediatrics.

Edward K. Armstrong, M.D., Instructor in Pediatrics.

Henry E. Irish, M.D., Instructor in Pediatrics.

Abraham Levinson, M.D., Instructor in Pediatrics.

Joseph S. Cohn, M.D., Instructor in Pediatrics.

Maurice L. Blatt, M.D., Instructor in Pediatrics.

Jacob C. Krafft, M.D., Instructor in Pediatrics.

**DIVISION OF NEUROLOGY.**

L. Harrison Mettler, A.M., M.D., Professor and Head of the Division of Neurology and Clinical Neurology.

Isador B. Diamond, M.D., Instructor in Neurology.

Edward F. Leonard, M.D., Instructor in Neurology.

Carl J. S. Rydin, M.D., Instructor in Neurology.

## DIVISION OF PSYCHIATRY.

Oscar A. King, M.D., Professor of Neurology and Psychiatry, *Emeritus*.  
 Haim I. Davis, M.D., Assistant Professor of Clinical Psychiatry and Head of the Division of Psychiatry.

## DIVISION OF ROENTGENOLOGY.

Adolph Hartung, M.D., Instructor in Radiology.

## DIVISION OF HISTORY OF MEDICINE.

Bernard J. Cigrand, M.S., D.D.S., Lecturer.

## DEPARTMENT OF OBSTETRICS AND GYNECOLOGY.

## DIVISION OF OBSTETRICS.

Charles S. Bacon, Ph.B., M.D., Professor and Head of the Department of Obstetrics and Gynecology.

Henry P. Newman, A.M., M.D., Professor of Gynecology, *Emeritus*.

Henry T. Byford, A.M., M.D., Professor of Gynecology, *Emeritus*.

Rachelle S. Yarros, M.D., Associate Professor of Obstetrics and Clinical Obstetrics.

Cecil V. Bachele, M.S., M.D., Assistant Professor of Obstetrics.

Otto H. Rohrlack, Ph.G., M.D., Assistant Professor of Obstetrics and Clinical Obstetrics.

Richard C. Steffen, M.D., Instructor in Obstetrics.

John W. Birk, M.D., Instructor in Obstetrics.

Annie E. Barron-Harrison, M.D., Instructor in Obstetrics.

Charles Newberger, M.D., Instructor in Obstetrics.

Walter C. Hammond, M.D., Instructor in Obstetrics.

Edward M. Heacock, M.D., Instructor in Obstetrics.

Frederick H. Falls, B.S., M.D., Research Fellow and Instructor in Obstetrics.

## DIVISION OF GYNECOLOGY.

Channing W. Barrett, M.D., Professor of Gynecology and Clinical Gynecology, and Head of the Division of Gynecology.

Mary G. McEwen, M.S., M.D., Assistant Professor of Clinical Gynecology.

John M. Lang, M.D., Assistant Professor of Clinical Gynecology.

Egan W. Fischmann, M.D., Instructor in Gynecology.

Albert J. Scoenberg, M.D., Instructor in Gynecology.

Wesley J. Woolston, M.D., Instructor in Gynecology.

F. Lee Stone, M.D., Assistant in Gynecology.

Mathilda O. Lichner, B.S., M.D., Assistant in Gynecology.

## DEPARTMENT OF OPHTHALMOLOGY.

Casey A. Wood, A.M., M.D., Professor and Head of the Department of Ophthalmology.

William E. Gamble, B.S., M.D., Associate Professor of Clinical Ophthalmology.

John B. Loring, M.D., Assistant Professor of Clinical Ophthalmology.

Ephraim K. Findlay, M.D., Assistant Professor of Clinical Ophthalmology.

Charles C. Clement, M.D., Instructor in Ophthalmology.

Frederick D. Vreeland, M.D., Instructor in Ophthalmology.

George W. Woodnick, M.D., Instructor in Clinical Ophthalmology.

William B. West, M.D., Instructor in Clinical Ophthalmology.

Helen Carncross, M.D., Instructor in Clinical Ophthalmology.

Lawrence W. Whitmer, M.D., Assistant in Clinical Ophthalmology.

Edward F. Slavik, M.D., Assistant in Clinical Ophthalmology.

## DEPARTMENT OF SURGERY.

## DIVISION OF GENERAL SURGERY.

Daniel A. K. Steele, M.D., LL.D., Senior Dean; Professor and Head of the Department of Surgery and Clinical Surgery.

Thomas A. Davis, M.D., Clinical Professor of Surgery.

William M. Harsha, A.B., M.D., Professor of Surgery and Clinical Surgery.

Albert J. Ochsner, B.S., M.D., Professor of Surgery and Clinical Surgery.

Daniel N. Eisendrath, A.B., M.D., Professor of Surgery and Clinical Surgery (Genito-Urinary).

Charles Davison, M.D., Professor of Surgery and Clinical Surgery.

Albert E. Halstead, M.D., Professor of Surgery and Clinical Surgery.

Charles E. Humiston, M.D., Associate Professor of Clinical Surgery.

Nelson M. Percy, M.D., Associate Professor of Clinical Surgery.

Frederick G. Dyas, M.D., Assistant Professor of Surgery and Clinical Surgery.

George F. Thompson, B.S., M.D., Assistant Professor of Surgery and Clinical Surgery.

Frank D. Moore, M.D., Assistant Professor of Surgery and Clinical Surgery.

Victor L. Schrage, M.D., Associate in Surgery (Senior year).

John R. Harger, B.S., M.D., Associate in Surgery and Minor Surgery.

Charles H. Phifer, M.D., Instructor in Surgery (Senior year).

Howard O. Shafer, M.D., Instructor in Surgery (Senior year).

Henry L. Baker, M.D., Instructor in Surgery (Senior year).

George L. Davenport, M.D., Instructor in Surgery (Senior year).

Arrie Bamberger, M.D., Instructor in Minor Surgery.

Raymond W. McNealy, M.D., Instructor in Surgery (Senior year).

Oscar E. Nadeau, B.S., M.D., Instructor in Surgery (Surgical Pathology, Senior year).

Archie J. Graham, M.D., Instructor in Surgery.  
 George W. Post, Jr., A.M., M.D., Assistant in Clinical Surgery.  
 Charles C. Clark, M.D., Assistant in Clinical Surgery.  
 Robert E. Flannery, M.D., Assistant in Clinical Surgery.  
 Max Meyerovitz, M.D., Assistant in Clinical Surgery.  
 Karl A. Meyer, M.D., Assistant in Clinical Surgery.  
 Lyndon Harris, M.D., Assistant in Clinical Surgery.

#### DIVISION OF ORTHOPEDIC SURGERY.

John L. Porter, M.D., Professor of Orthopedic Surgery and Head of Division of Orthopedic Surgery.  
 Charles M. Jacobs, M.D., Associate Professor of Clinical Surgery (Orthopedic).  
 David Alexander, M.D., Instructor.  
 William A. Clark, M.D., Assistant.  
 Harrison W. Maltby, M.D., Assistant.

#### DIVISION OF GENITO-URINARY SURGERY.

Daniel N. Eisendrath, A.B., M.D., Professor of Surgery and Clinical Surgery (Genito-Urinary).  
 George F. S. Cary, M.D., Assistant Professor.  
 Charles M. McKenna, M.D., Instructor.  
 Elmer W. Schnoor, M.D., Assistant.  
 Harry J. Smejkal, M.D., Instructor.

#### DIVISION OF OPERATIVE SURGERY.

William Fuller, M.D., Associate Professor.  
 William C. Smith, M.D., Instructor.

#### DIVISION OF LARYNGOLOGY, RHINOLOGY, AND OTOTOLOGY.

Norval Pierce, M.D., Professor of Surgery (Laryngology, Rhinology, and Otology).  
 John A. Cavanaugh, M.D., Associate.  
 Lillian E. Taylor, M.D., Instructor.  
 Eugene Birmingham, M.D., Instructor.  
 Edward F. Carrighan, M.D., Instructor.

### APPOINTMENTS TO FILL VACANCIES.

The Secretary presented also for record the following list of appointments made by President James to fill vacancies:

Adler, Leon, Student Assistant in Chemistry, for 10 months beginning September 1, 1915, at a salary of ten dollars (\$10) a month. (September 23, 1915.)\*  
 Baldwin, F. M., Assistant in Zoology, for 10 months beginning September 1, 1915, at a salary of one hundred dollars (\$100) a month. (September 23, 1915.)  
 Blackburn, F. J., Assistant in Home Economics Extension, in charge of demonstration work, for one year beginning September 1, 1915, at a salary of twelve hundred dollars (\$1,200) a year. (September 20, 1915.)  
 Boelio, L. N., Technician in Microscopic Anatomy, for 10 months beginning September 1, 1915, at a salary of eighty dollars (\$80) a month. (September 21, 1915.)  
 Boughton, T. H., Associate in Pathology, for one year beginning September 1, 1915, at a salary of eighteen hundred dollars (\$1,800) a year. (September 13, 1915.)  
 Branch, Nellie U., Cataloger in the Library, on one-half time, for seven months beginning February 1, 1916, at a salary of thirty-two and one-half dollars (\$32.50) a month; this appointment superseding her former appointment for 12 months. (August 24, 1915.)  
 Broday, Esther, Typist in the Department of Anatomy of the College of Medicine, at a salary of fifty-five dollars (\$55) a month, beginning September 1, 1915, and continuing until further notice, subject to the rules of the Civil Service Commission. (September 21, 1915.)  
 Brown, J. B., Graduate Assistant in Chemistry, for 10 months beginning September 1, 1915, at a salary of thirty dollars (\$30) a month. (September 11, 1915.)  
 Buchanan, H. C., Assistant Mechanician in the Department of Physics, at a salary of seventy dollars (\$70) a month, beginning September 1, 1915, and continuing until further notice, subject to the rules of the Civil Service Commission. (August 20, 1915.)  
 Burger, C. V., Instructor in Architectural Design for 10 months beginning September 1, 1915, at a salary of one hundred twenty dollars (\$120) a month. (August 23, 1915.)  
 Burlison, W. L., Associate Professor of Crop Production in the College of Agriculture and Associate Chief in Crop Production in the Agricultural Experiment Station, for three years beginning September 1, 1915, at a salary of twenty-eight hundred dollars (\$2,800) a year. (September 20, 1915.)  
 Burmeister, W. H., Assistant Professor of Pathology, on one-half time, for one year beginning October 1, 1915, at a salary of two thousand dollars (\$2,000) a year. (September 13, 1915.)  
 Case, H. C. N., Assistant in Farm Management Demonstration in the College of Agriculture, in cooperation with the United States Department of Agriculture, for one year beginning August 16, 1915, at a salary of eighteen hundred dollars (\$1,800) a year. (August 9, 1915.)

\* The date in parenthesis is the date on which the appointment was made by the President of the University. ‡



Castle, Ora B., Stenographer in the Information Office, at a salary of fifty-five dollars (\$55) a month, beginning July 1, 1915, and continuing until further notice, subject to the rules of the Civil Service Commission. (September 1, 1915.)

Copley, Beatrice V., Assistant in English, on one-half time, for 10 months beginning September 1, 1915, at a salary of fifty dollars (\$50) a month. (September 1, 1915.)

Cramer, Morris, Technician in Gross Anatomy, for 10 months beginning September 1, 1915, at a salary of sixty dollars (\$60) a month. (September 21, 1915.)

Curl, H. E., Assistant in Physiology in the College of Medicine, for 9 months beginning October 1, 1915, at a salary of five hundred dollars (\$500) for the period. (September 14, 1915.)

Davis, Bertha, Instructor in Voice, for 10 months beginning September 1, 1915, at a salary of one hundred dollars (\$100) a month. (September 11, 1915.)

Dillenback, L. C., Instructor in Architectural Design, for 10 months beginning September 1, 1915, at a salary of one hundred twenty dollars (\$120) a month. (August 30, 1915.)

Evans, W. E., Instructor in Wrestling and Boxing, for 10 months beginning September 1, 1915, at a salary of ninety dollars (\$90) a month. (September 18, 1915.)

Eycleshymer, A. C., Dean of the Junior College of the College of Medicine, without salary, for one year beginning September 1, 1915, or until his successor is appointed. (September 9, 1915.)

Fantus, Bernard, Professor of Pharmacology and Therapeutics, on one-half time for one year beginning September 1, 1915, at a salary of two thousand dollars (\$2,000) a year. (September 13, 1915.)

Fink, Madge, Assistant Recorder in the Registrar's Office, at a salary of seventy dollars (\$70) a month, beginning September 1, 1915, or as soon thereafter as she may report for duty, and continuing until further notice, subject to the rules of the Civil Service Commission. (August 16, 1915.)

Poster, Frederick, Clerk in the office of the Dean of Men, at a salary of fifty dollars (\$50) a month, beginning September 3, 1915, and continuing until further notice, subject to the rules of the Civil Service Commission. (September 9, 1915.)

French, H. E., Student Assistant in Chemistry, for 10 months beginning September 1, 1915, at a salary of ten dollars (\$10) a month. (September 23, 1915.)

Fritz, H. R., Research Fellow in the Engineering Experiment Station, for two years beginning September 1, 1915, with a stipendium of five hundred dollars (\$500) a year. (August 27, 1915.)

Gaffney, Carl, Technician in Bacteriology in the College of Medicine, on one-half time for 10 months beginning October 1, 1915, at a salary of thirty dollars (\$30) a month. (September 20, 1915.)

Gauger, J. F., Secretary in the Office of the Department of History, on one-half time, for 10 months beginning September 1, 1915, or as soon as he reports for duty, at a salary of forty dollars (\$40) a month. (August 24, 1915.)

Gere, R. C., Clerk in the Business Office, at a salary of forty-five dollars (\$45) a month, beginning September 1, 1915, and continuing until further notice, subject to the rules of the Civil Service Commission. (September 6, 1915.)

Geyer, Helen F., Stenographer in the Department of Chemistry, at a salary of fifty dollars (\$50) a month, beginning September 15, 1915, or as soon thereafter as she may report for duty, and continuing until further notice, subject to the rules of the Civil Service Commission. (September 7, 1915.)

Gosser, Harold, Assistant in Dairy Husbandry in the College of Agriculture and the Agricultural Experiment Station, for one year beginning September 15, 1915, at a salary of nine hundred dollars (\$900) a year. (September 21, 1915.)

Hahn, F. C., Student Assistant in Chemistry, for 10 months beginning September 1, 1915, at a salary of ten dollars (\$10) a month. (September 8, 1915.)

Harper, Julia, Editorial Assistant in the Department of Horticulture, at a salary of nine hundred dollars (\$900) a year, beginning September 1, 1915, and continuing until further notice, subject to the rules of the Civil Service Commission. (September 10, 1915.)

Hemenway, Margaret, Student Assistant in Physical Training for Women, beginning September 1, 1915, and continuing until further notice, but not longer than 10 months, at a salary of twenty dollars (\$20) a month. (September 18, 1915.)

Hicks, John F. G., Assistant in Chemistry, for 10 months beginning September 1, 1915, at a salary of fifty dollars (\$50) a month. (September 20, 1915.)

Hope, Leona, Instructor in Household Science, for one year beginning September 1, 1915, at a salary of fifteen hundred dollars (\$1,500) a year. (August 13, 1915.)

Johnson, F. T., Instructor in Voice, for 10 months beginning September 1, 1915, at a salary of one hundred ten dollars (\$110) a month. (September 10, 1915.)

Johnson, L. C., Research Assistant in Chemistry, for 10 months beginning September 1, 1915, at a salary of ninety dollars (\$90) a month. (August 30, 1915.)

Jones, T. S., Artist in the Department of Anatomy of the College of Medicine, for one year beginning September 1, 1915, at a salary of one thousand dollars (\$1,000) a year. (September 21, 1915.)

Kile, Jessie J., Research Assistant in the Illinois Survey, for 12 months beginning September 1, 1915, at a salary of eighty dollars (\$80) a month. (August 30, 1915.)

Kohmann, E. F., Associate in Dairy Chemistry in the College of Agriculture and Agricultural Experiment Station, for two years beginning September 1, 1915, at a salary of two thousand dollars (\$2,000) a year. (September 20, 1915.)

Lehmann, R. J., Stenographer in the Department of Military Science, at a salary of fifty dollars (\$50) a month, beginning September 1, 1915, and continuing until further notice, subject to the rules of the Civil Service Commission. (September 13, 1915.)

Linder, Grace, Assistant in Household Science Demonstration Work, for one year beginning September 1, 1915, at a salary of twelve hundred dollars (\$1,200) a year. (September 10, 1915.)

Littleton, A. C., Instructor in Accountancy, for 10 months beginning September 1, 1915, at a salary of one hundred fifty dollars (\$150) a month. (August 24, 1915.)

Love, Irene L., Stenographer in the Business Office, at a salary of fifty dollars (\$50) a month, beginning September 1, 1915, or as soon thereafter as she may report for duty, and continuing until further notice, subject to the rules of the Civil Service Commission. (September 7, 1915.)

Lundquist, August, Technician in the Department of Experimental Medicine, for 12 months beginning October 1, 1915, at a salary of seventy dollars (\$70) a month. (September 22, 1915.)

Martin, Ada N., Secretary in the Office of the Dean of Women, at a salary of sixty-six and two-thirds dollars (\$66.66) a month, beginning when she reports for duty and continuing until further notice. (September 1, 1915.)

Millar, R. W., Student Assistant in Chemistry, for 10 months beginning September 1, 1915, at a salary of ten dollars (\$10) a month. (September 20, 1915.)

Miller, Eva G., Scientific Assistant and Cataloger in the Museum of Natural History, for one year beginning September 1, 1915, at a salary of eight hundred dollars (\$800) a year. (August 20, 1915.)

Miller, J. E., Assistant in History, on two-thirds time, for 10 months beginning September 1, 1915, at a salary of sixty dollars (\$60) a month. (August 10, 1915.)

Moodie, R. L., Associate in Anatomy for one year beginning September 1, 1915, at a salary of two thousand dollars (\$2,000) a year. (September 13, 1915.)

Moore, J. J., Associate in Pathology, for one year beginning October 1, 1915, at a salary of eighteen hundred dollars (\$1,800) a year. (September 13, 1915.)

Morris, Caroline, Assistant in Physical Training for Women, for 10 months beginning September 1, 1915, at a salary of eighty dollars (\$80) a month. (September 13, 1915.)

Mosher, Edna, Instructor in Entomology, for 10 months beginning September 1, 1915, at a salary of one hundred dollars (\$100) a month. (August 11, 1915.)

Mylius, L. A., Research Fellow in the Engineering Experiment Station, for two years beginning September 1, 1915, with a stipendium of five hundred dollars (\$500) a year. (August 21, 1915.)

Neill, Alma J., Assistant in Physiology, for 10 months beginning September 1, 1915, at a salary of sixty dollars (\$60) a month. (August 16, 1915.)

Olewine, J. H., Graduate Assistant in Chemistry, for 10 months beginning September 1, 1915, at a salary of thirty dollars (\$30) a month. (September 20, 1915.)

Oliver, Flossie M., Typist in the Department of Dairy Husbandry, at a salary of fifty dollars (\$50) a month, beginning September 1, 1915, and continuing until further notice, subject to the rules of the Civil Service Commission. (September 8, 1915.)

Rice, J. B., Assistant in Animal Husbandry in the College of Agriculture and Agricultural Experiment Station, for one year beginning September 1, 1915, at a salary of nine hundred dollars (\$900) a year. (August 30, 1915.)

Robinson, R. P., Assistant in Classics, to render four hours service a week, and Research Assistant for Prof. W. A. Oldfather, on one-fourth time, at a total salary of six hundred dollars (\$600) for the academic year 1915-16. (September 9, 1915.)

Robinson, W. K., Assistant in Bacteriology, for 9 months beginning October 1, 1915, at a salary of sixty dollars (\$60) a month. (September 23, 1915.)

Romeiser, Alvin, Assistant in Physical Training in charge of Fencing for 10 months beginning September 1, 1915, at a salary of fifty dollars (\$50) a month. (September 18, 1915.)

vanRosen, Gerard, Instructor in Chemistry, for 10 months beginning September 1, 1915, at a salary of one hundred twenty (\$120) a month. (September 20, 1915.)

Shaklee, A. O., Assistant Professor of Pharmacology in the College of Medicine for one year beginning September 1, 1915, at a salary of two thousand dollars (\$2,000) a year. (September 14, 1915.)

Shulters, J. R., Assistant in Romance Languages, for the first semester of the academic year 1915-16, at a salary of eighty dollars (\$80) a month. (August 30, 1915.)

Sinnock, Julia E., Stenographer in the Office of the Supervising Architect, at a salary of sixty-five dollars (\$65) a month, beginning September 1, 1915, and continuing until further notice, subject to the rules of the Civil Service Commission; this appointment superseding her former appointment at \$60 a month. (August 21, 1915.)

Small, J. C., Student Assistant in Physiological Chemistry, in the College of Medicine, on one-half time, for 10 months beginning September 1, 1915, at a salary of fifty dollars (\$50) a month. (September 13, 1915.)

Smith, C. S., Instructor in Physiological Chemistry in the College of Medicine, for 10 months beginning September 13, 1915, at a salary of two hundred dollars (\$200) a month. (September 13, 1915.)

Steele, D. A. K., Dean of the Senior College of the College of Medicine, without salary, beginning September 1, 1915, and continuing for one year or until his successor may be appointed. (September 9, 1915.)

Tanner, F. W., Assistant in Bacteriology for 10 months beginning September 1, 1915, at a salary of one hundred twenty dollars (\$120) a month; this appointment superseding his former appointment on one-half time. (September 18, 1915.)

Thurber, C. N., Assistant in English, on one-half time, for the academic year 1915-16, at a salary of six hundred dollars (\$600) a year; this appointment superseding his former appointment at five hundred dollars. (September 27, 1915.)

Tracy, Grover, Assistant in Physiological Chemistry in the College of Medicine for 10 months beginning September 1, 1915, at a salary of one hundred dollars (\$100) a month. (September 13, 1915.)

Vandenboom, Leona M., Stenographer in the Department of Mechanical Engineering, at a salary of fifty dollars (\$50) a month, beginning September 1, 1915,

and continuing until further notice, subject to the rules of the Civil Service Commission. (September 13, 1915.)

Walker, Q. F., Research Assistant in the Office of the Dean of the Graduate School, for 10 months beginning September 1, 1915, at a salary of sixty dollars (\$60) a month. (August 30, 1915.)

Watson, Jane C., Assistant in Romance Languages, on part time, for the first semester of the academic year 1915-16, at a salary of one hundred fifty dollars (\$150) for the semester. (September 27, 1915.)

Weedon, Amy G., Technician in the Department of Pathology, for 12 months beginning September 1, 1915, at a salary of seventy dollars (\$70) a month. (September 18, 1915.)

Welland, H. J., Research Assistant in Chemistry, for 11 months beginning September 1, 1915, at a salary of sixty dollars (\$60) a month. (August 30, 1915.)

Weireck, R. B., Assistant in English, for 10 months beginning September 1, 1915, at a salary of one hundred twenty dollars (\$120) a month. (September 10, 1915.)

Wells, C. W., Instructor in Histology in the College of Dentistry, for the year beginning October 1, 1915, at a salary of six hundred dollars (\$600) for the year. (September 20, 1915.)

Wichmann, Gerold, Assistant in Psychology, for 10 months beginning September 1, 1915, at a salary of fifty dollars (\$50) a month. (September 18, 1915.)

Williamson, Paul, Mechanician in the Department of Chemistry, at a salary of eighty-three and one-third dollars (\$83.33) a month, beginning September 1, 1915, and continuing until further notice, subject to the rules of the Civil Service Commission. (August 31, 1915.)

Wright, Mabelle J., Instructor in Piano, for 10 months beginning September 1, 1915, at a salary of one hundred dollars (\$100) a month. (September 11, 1915.)

Wyatt, F. A., Assistant in Soil Fertility in the College of Agriculture and the Agricultural Experiment Station, for one year beginning September 1, 1915, at a salary of twelve hundred dollars (\$1,200) a year. (September 20, 1915.)

Young, Esther, Assistant in Botany, for 10 months beginning September 1, 1915, at a salary of fifty dollars (\$50) a month. (August 25, 1915.)

Zelle, Carl, Student Assistant in Chemistry, for 10 months beginning September 1, 1915, at a salary of ten dollars (\$10) a month. (September 23, 1915.)

Zippodt, Ella S., Stenographer in the Engineering Experiment Station, at a salary of fifty dollars (\$50) a month, beginning August 1, 1915, and continuing until further notice, subject to the rules of the Civil Service Commission. (September 22, 1915.)

The board adjourned.

W. L. ABBOTT, *President.*

H. E. CUNNINGHAM, *Secretary.*

## MEETING OF OCTOBER 14, 1915.

A special meeting of the Board of Trustees of the University of Illinois was held at the Blackstone Hotel, in Chicago, on Thursday, October 14, 1915, at 12 o'clock noon, pursuant to the following notice which was sent out by the Secretary on October 5, 1915:

On the call of the President, Mr. W. L. Abbott, there will be a special meeting of the Board of Trustees of the University of Illinois, at the Blackstone Hotel, in Chicago, on Thursday, October 14, 1915, at 12 o'clock noon, to consider such matters as the committees of the board and the President of the University may submit, and such other matters as may be duly presented.

When the board convened, the following members were present: Mr. Abbott, Mrs. Busey, Mr. Carr, Mrs. Evans, Mrs. Henrotin, Mr. Small, Miss Watson.

President James was present.

### APPROVAL OF MINUTES.

The Secretary presented the minutes of the meetings of August 4, 1915, and September 14, 1915, and of the adjourned sessions of September 23 and 27, 1915. On motion of Mr. Carr the minutes were approved as printed above on pages 782 to 844 inclusive.

### MATTERS PRESENTED BY PRESIDENT JAMES.

The board proceeded to the consideration of the following matters presented by the President of the University.

#### FINAL PLANS FOR THE WOMEN'S RESIDENCE HALL.

(1) For the Supervising Architect I submit the final plans for the Women's Residence Hall. Of course minor changes such as the location of the range in the kitchen and the location of the dishwashers' sites may be made from time to time, but aside from these the plans represent the final views of the Supervising Architect.

They have been submitted to everyone who might be supposed to have an interest or an expert judgment in the matter and have met their approval.

The only other important matter connected with the location and erection of the Women's Residence Hall is the exact placing of the building upon the site.

The deeds to lots Nos. 24, 25, and 26 in the Forestry Heights Addition show these lots to be 147.4 feet deep. The atlas of Champaign County shows these same lots to be 146.9 feet deep. The fence on the south line, as at present established, is 146.7 feet from the property line and 147.7 feet from the sidewalk.

A covenant in the warranty deed conveying the property to the owners from whom the University acquired it is as follows:

"As a part of the consideration of the conveyance, the grantee agrees that no residence house shall be built upon either lot for a less value than twenty-five hundred dollars (\$2,500); said house shall not be located nearer than forty feet from the front of the lots."

If the University desires to locate the Women's Residence Hall in conformity with this covenant and to place the very front line of the building on this "forty foot building line," then the Residence Hall will overlap the south end of this lot by 4 feet 8 inches, this location being based on the assumption that the deeds are correct. If, however, the atlas of Champaign County is correct and the deeds are not, in so far as the dimension of the depth of the lot is concerned, then the building, if placed on the forty-foot building line, will overlap the south end of these lots by 5 feet 4 inches. Assuming that the building will be placed on this forty-foot building line, then the south line of the building will be approximately 22 feet from the north line of the agricultural plots. The north line of the agricultural plots is approximately 174 feet from the north line of the property and the building from its north line to its south line is 112 feet 1 inch.

As the University has no funds for the erection of this building during the present year it will be necessary in letting the bids to make the condition that no bills will be due and payable until after July 1, 1916.

It is believed that there will be no difficulty in securing bids from responsible contractors based on that condition, provided the Trustees would be willing to pay one-half of one per cent a month interest on certificates issued prior to July 1, 1916, and it is possible that they will be willing to carry the contract without interest. It will probably not be possible to have plans ready for bidders before January 1 or February 1, but if the bids could be let at that time it would enable the contractors to get their material all together so that as soon as the frost is out of the ground they might proceed with the erection of the new building.

On motion of Mrs. Evans the plans were approved and the Supervising Architect was instructed to proceed with the preparation of detailed drawings, with the idea of calling for bids as soon as possible, to secure the erection of the building at the earliest possible date.

#### REGISTRATION FIGURES.

(2) A report of the Registrar on the registration in the University, as of October 1, 1915, in the Colleges and Schools at Urbana and in the School of Pharmacy, and of October 9, 1915, in the Colleges of Medicine and Dentistry.

#### COMPARATIVE REGISTRATION.

Colleges and schools.	October 1, 1914.			October 1, 1915.			Increase.
	Men.	Women.	Total.	Men.	Women.	Total.	
Liberal Arts and Sciences.	667	634	*1,301	680	719	1,399	98
Commerce and Business Administration	393	8	*401	470	12	482	81
Engineering	1,177	2	1,179	1,136	4	1,140	-39
Agriculture	917	148	1,065	1,004	148	1,152	87
Music	2	57	59	3	49	52	-7
Total, undergraduates..	3,156	849	4,005	3,293	932	4,225	220
Law	109	109	218	77	77	154	-32
Library	3	41	44	2	33	35	-9
Graduate	214	52	266	264	51	315	49
Total in Urbana Oct. 1.	3,482	942	4,424	3,636	1,016	4,652	228
Summer Session (net).....	234	213	447	363	276	639	192
Total Urbana	3,716	1,155	4,871	3,999	1,292	5,291	420
Medicine (Oct. 9, 1915).....			277	204	16	220	-57
Dentistry (Oct. 9, 1915).....			83	117	5	122	39
Pharmacy			197	179	9	188	-9
Total, Chicago.....			557	500	30	530	-27
Total.....			5,428	4,499	1,322	5,821	393
Percentage of increase.....							7.2

\* Business courses were administered in 1914 by the College of Liberal Arts and Sciences, but, for purposes of comparison they are given separately in this table.

#### REGISTRATION BY COLLEGES, OCT. 1, 1915.

Colleges and courses.	Men.	Women.	Total.
Liberal Arts and Sciences—			
General Literature and Arts.....	407	485	892
General Science.....	57	17	74
Medical Preparatory.....	83	3	86
Household Science.....		212	212
Chemistry.....	57	2	59
Chemical Engineering.....	76		76
Total, Liberal Arts and Sciences.....	680	719	1,399
Commerce and Business Administration.....	470	12	482
Engineering—			
Architecture.....	158	3	161
Architectural Engineering.....	152	1	153
Ceramic Engineering.....	66		66
Civil Engineering.....	185		185
Electrical Engineering.....	251		251
Mechanical Engineering.....	230		230
Mining Engineering.....	30		30
Municipal and Sanitary Engineering.....	26		26
Railway Civil Engineering.....	14		14
Railway Electrical Engineering.....	13		13
Railway Mechanical Engineering.....	11		11
Total, Engineering.....	1,136	4	1,140

## REGISTRATION BY COLLEGES—Concluded.

Colleges and courses.	Men.	Women.	Total.
Agriculture—			
General Agriculture.....	1,004	23	1,027
Household Science.....		125	125
Total, Agriculture.....	1,004	148	1,152
Music.....	3	49	52
Total, undergraduates.....	3,293	932	4,225
Law.....	77		77
Library.....	2	33	35
Graduate.....	264	51	315
Total (net) Oct. 1, 1915, colleges and schools at Urbana.....	3,636	1,016	4,652
Pharmacy (Chicago)—			
Ph. G. Course.....	170	7	177
Ph. C. Course.....	9	2	11
Total, Pharmacy.....	179	9	188

## COLLEGE OF MEDICINE, OCT. 9, 1914 TO OCT. 9, 1915.

Classes.	1914	1915		
		Men.	Women.	Total.
Freshman Class.....	9	37	4	41
Sophomore Class.....	54	17	2	19
Junior Class.....	110	44	3	47
Senior Class.....	104	106	7	113
Total.....	277	204	16	220

## COLLEGE OF DENTISTRY, OCT. 9, 1914 TO OCT. 9, 1915.

Classes.	1914	1915		
		Men.	Women.	Total.
Freshman Class.....	25	59	4	63
Junior Class.....	39	24		24
Senior Class.....	19	34	1	35
Total.....	83	117	5	122

This report was received for record.

## LOCATION OF GENETICS LABORATORY.

(3) A letter from the Supervising Architect concerning the location of the Genetics Laboratory:

October 11, 1915.

President Edmund J. James.

SIR: It is proposed to locate the south line of the Genetics Building approximately 137 feet north of the north line of the Farm Mechanics Building and the east line of the Genetics Building 33 feet west of the west line of the Farm Mechanics Building. The long axis of this new building will be parallel with the axis of Mathews Avenue and the north building line will be on the line of the stables which now face the road, running east and west at the south end of Mathews Avenue prolonged.

We are enclosing a sketch which will doubtless make the matter more clear.

Yours very truly,

JAMES M. WHITE, *Supervising Architect.*

The plans for this building were approved at the meeting of the Executive Committee held September 23, 1915 [page 828]. At the same meeting the Executive Committee selected a site south of the present driveway in front and east of the Horse Barns on the south Campus, the exact location to be selected by the Super-  
vising Architect, subject to the approval of the President of the University. The proposed site is a good one and I therefore approve it.

This report was received for record.

#### EXTENSION OF MORTGAGE AND NOTE.

(4) A statement concerning the extension of the note for fifty-six thousand dollars held by the board of education of the city of Chicago from the College of Physicians and Surgeons, and secured by a mortgage upon the medical property of the University of Illinois in the city of Chicago.

The balance of fifty-six thousand dollars upon this note falls due on July 1, 1916. As the Trustees will have no money which can be conveniently used for paying this note at that time, I recommend that it be extended for the period of five years, namely to July 1, 1921, at which time certain bonds also secured by mortgage upon the College of Medicine property fall due.

I recommend that the Board of Trustees of the University of Illinois accept the proposition of the board of education of the city of Chicago, as stated in the following agreement, and that the President and Secretary of the board be authorized to append their signatures to the same on behalf of the Trustees of the University of Illinois:

#### AGREEMENT.

"WHEREAS, On July 1, in the year of our Lord, one thousand nine hundred and one (A. D. 1901), The College of Physicians and Surgeons of Chicago, a corporation organized and doing business under the laws of the State of Illinois, of the city of Chicago, county of Cook and State of Illinois, being indebted to the board of education of the city of Chicago in the sum of eighty-six thousand dollars (\$86,000) for part of the purchase money for the premises hereinafter described, as evidence of its said indebtedness executed its promissory note, bearing date July 1, A. D. 1901, payable to the order of the board of Education of the city of Chicago, and due five (5) years after its date, with interest at the rate of five (5) per cent per annum, payable semi-annually, to wit, on the first day of January and July in each year, the several installments of interest being evidenced by ten (10) interest notes, dated July 1, A. D. 1901, all of said principal and interest notes being without grace and bearing interest after maturity at the highest rate which it was then lawful to contract for, and all of said principal and interest payments being made payable in gold coin of the United States, of the present standard of weight and fineness, all at the office of the said board of education of the city of Chicago, in the city of Chicago, Ill.

AND To secure the payment of said notes, the said the college of physicians and surgeons of Chicago executed a certain purchase money trust deed, of even date with said notes, to wit, July 1, A. D. 1901, under and by virtue of which it, the said the college of physicians and surgeons of Chicago, conveyed to Lewis E. Larson of the city of Chicago, county of Cook and State of Illinois, as trustee, the following described property situated in the city of Chicago, county of Cook and State of Illinois, to wit:

Lots one (1) to seven (7), inclusive, in block twenty-three (23); also, sublots one (1) to seven (7), inclusive, of lots nineteen (19) to twenty-five (25), inclusive, in block twenty-three (23); and the vacated alley running north and south through said block twenty-three (23), in Ashland Second Addition to Chicago, in the west half of the northeast quarter of section eighteen (18), township thirty-nine (39), north, range fourteen (14), east of the Third Principal Meridian, together with all and singular the tenements, hereditaments and appurtenances thereunto belonging or appertaining, and the rents, issues and profits thereof; and all gas and electric light fixtures, engines, boilers, furnaces, ranges, heating apparatus, and all fixtures in, or that shall be placed in, any building now or hereafter standing on said land; and also, all the estate, right, title and interest of the said party of the first part of, in and to said premises.

SAID trust deed was recorded in the recorder's office of Cook County, Illinois, on the first day of July, A. D. 1901, at two o'clock p. m., in book 7185 of records, at page 517, as Document No. 3121149; and

WHEREAS, The said principal note became due and payable, according to its tenor and effect, on the 1st day of July, A. D. 1906; and

WHEREAS, At the request of the college of physicians and surgeons of Chicago, the said board of education of the city of Chicago, by agreement duly executed June 20, A. D. 1906, duly extended the time of payment of said note until July 1, A. D. 1911; and

WHEREAS, The said promissory note and the extension thereof duly became due, according to the tenor and effect of said promissory note and extension, on, to wit, the 1st day of July, A. D. 1911, and the said the college of physicians and surgeons of Chicago having requested the board of education of the city of Chicago to make a further extension of time of payment of said principal note for a period of five (5) years, said board of education of the city of Chicago at its regular meeting held on, to wit, June 28, A. D. 1911, agreed to extend the said time of payment for a period of five (5) years from July 1, A. D. 1911, and by its written agreement with said the college of physicians and surgeons of Chicago, dated July 19, A. D. 1911, did extend said time until July 1, A. D. 1916, upon the conditions, promises and agreements contained and specified in said written agreement; and

WHEREAS, The Board of Trustees of the University of Illinois, a corporation organized and existing under the laws of Illinois, having acquired title to said premises above described, through conveyance from the college of physicians and

surgeons of Chicago, subject to the lien of said trust deed and indebtedness, and the sum of thirty thousand dollars (\$30,000) on the principal of said debt having been paid, and all interest that has accrued on said debt up to July 1, A. D. 1916, having been fully paid, and the Trustees of said University of Illinois having requested the board of education of the city of Chicago, as legal holder of said notes and indebtedness, to extend the time for payment of the remaining sum of fifty-six thousand dollars (\$56,000) of the principal thereof until July 1, A. D. 1921; said board of education of the city of Chicago now proposes and agrees to grant said request and extend the time of payment of said principal sum of fifty-six thousand dollars (\$56,000) to July 1, A. D. 1921, upon the express condition that said Board of Trustees of the University of Illinois shall agree and does agree by its acceptance of this proposal through its executive officers to pay said principal sum of fifty-six thousand dollars (\$56,000) on July 1, A. D. 1921, and to pay all interest accruing thereon semi-annually as provided by said principal note for eighty-six thousand dollars (\$86,000) and said trust deed at the rate of five per cent (5%) per annum on said principal sum until maturity thereof as hereby extended, and seven per cent (7%) per annum after such maturity until paid, and on each of said semi-annual interest installments after maturity thereof at the rate of seven per cent (7%) per annum until paid; and to keep, observe and perform all of the covenants, provisions and terms of said trust deed therein specified to be kept, observed and performed by said the college of physicians and surgeons of Chicago: *Provided, however,* that the entire amount of said debt with accrued interest thereon may be prepaid at any time by said Board of Trustees of the University of Illinois after giving thirty (30) days' notice in writing of its intention so to do to the said board of education of the city of Chicago.

This proposal is upon the express understanding and with the agreement to be confirmed by the acceptance of this proposal by said Board of Trustees of the University of Illinois that all of the provisions, stipulations, powers and covenants in said principal note and in said trust deed and in said written agreement of July 19, A. D. 1911, contained shall stand and remain unchanged and in full force and effect for and during the extended period of five (5) years herein contemplated, and thereafter until said indebtedness is fully paid, excepting the provision therein as to the time of payment of said principal debt, which is to be considered as changed in accordance with this proposal upon the acceptance thereof by said Board of Trustees of the University of Illinois.

IN WITNESS WHEREOF, The said board of education of the city of Chicago has caused to be affixed hereto at Chicago, Ill., the signature of its president, attested by its secretary, on the.....day of....., A. D. 1915; and the Board of Trustees of the University of Illinois, has caused to be affixed hereto at Urbana, Ill., its corporate seal, and the signature of its President attested by its Secretary, in evidence of its acceptance of this proposal, on the.....day of....., A. D. 1915.

BOARD OF EDUCATION OF THE CITY OF CHICAGO,

By . . . . ., *President.*

Attest . . . . ., *Secretary.*

BOARD OF TRUSTEES OF THE UNIVERSITY OF ILLINOIS,

By . . . . ., *President.*

Attest . . . . ., *Secretary.*

Approved as to legal form.

.....  
*Attorney.*

Approved as to legal form.

O. A. HARKER,

*Counsel for the Board of Trustees of the University of Illinois."*

On motion of Mr. Small, this extension of the loan was authorized, and the President and Secretary of the board were authorized to append their signatures on behalf of the Board of Trustees to the above agreement.

SITE FOR THE SCHOOL OF PHARMACY.

(5) A statement concerning the purchase of a site for the School of Pharmacy. Alexander Prussing, for McKey and Poague, real-estate agents, in a communication to the President of the board on September 29, 1915, states that he thinks that the property which has been under consideration as a possible site for the School of Pharmacy might be obtained for the sum of fifteen thousand dollars, with the addition of six hundred twelve dollars and fifty cents to pay the cost of guaranteeing the title, attorney's fees, and commissions. He states further that if it would be possible to leave the offer open for another week he might get a definite reply.

No action was taken concerning this matter.

SITE FOR CLINICAL BUILDING.

(6) The following statement:

The matter of selecting a site for the Clinical Building was referred to the Committee on Buildings and Grounds [page 778]. In order to assist the committee in its deliberations I appointed the following committee of the Faculty of the College of Medicine to make preliminary studies on the site and plans of the Clinical Building: C. S. Bacon, Chairman; D. A. K. Steele; C. S. Williamson; Charles Davison; D. J. Davis; W. H. Browne. I have received from this committee a report recommending unanimously the purchase of the Marquette School site, a lot approximately 289 feet long by 126 feet wide, bounded by Wood, Congress and Harrison Streets, and an alley on the west. This property is owned by the



board of education of the city of Chicago and that board is desirous of changing the location of the school.

I recommend that this site be acquired if possible and as soon as possible by the University for the use of the Medical Departments of the University which are located in Chicago. I wish to take this occasion again to emphasize the necessity of acquiring a site for a Clinical Building at the earliest possible moment.

On motion of Mrs. Henrotin, the President of the Board of Trustees was authorized to secure an option on this property if possible.

#### BOARD OF EXAMINERS IN ACCOUNTANCY.

(7) The University Committee on Accountancy recommends that Mr. Nathan William MacChesney of Chicago be appointed a member of the Board of Examiners in Accountancy for a term of three years ending July 1, 1918, in place of Mr. Marquis Eaton, whose term has expired.

On motion of Mr. Carr, this recommendation was approved.

#### PROTECTION OF GAME.

(8) A request from the American Game Protective and Propagation Association that the University join it in furtherance of the work for the protection of game birds. On the recommendation of Dean Eugene Davenport of the College of Agriculture and Prof. Stephen A. Forbes, Director of the State Laboratory of Natural History, I recommend that this association be permitted to add the name of the Board of Trustees of the University of Illinois to the list of organizations which are in favor of sustaining the Federal Migratory Bird Law.

On motion of Mr. Carr, this recommendation was approved.

#### PROPOSED BATTERY OF ARTILLERY.

(9) A statement in regard to the proposed battery of field artillery.

The Professor of Military Science, Maj. F. D. Webster, is very anxious that the University should organize a battery of field artillery as a part of the University military organization. Such a battery would be a part of the National Guard and would go into camp each year with the batteries of the regular army. The equipment, valued at \$125,000, would be the same as that of the regular army, and would be furnished by the Federal Government and the State. Thirty-two horses are furnished each battery of organized militia, and complete equipment is provided for each enlisted man and forage and expense for the care of the horses by the State.

Maj. Webster, in a letter dated September 14, 1915, estimates that it would be necessary for the University to provide one gun shed with store-rooms, etc., 50 by 100 feet, estimated cost fifteen thousand dollars, one stable for thirty-two horses, estimated cost five thousand dollars, heating and lighting equipment and maintenance, estimated cost five thousand dollars; total, twenty-five thousand dollars. The annual expense for heating and lighting would be about twenty-five hundred dollars.

It is proposed to admit certain members of the Faculty to membership in this battery. This seems to be a very desirable arrangement indeed. There is one such battery organized at Purdue, where an arrangement has been made with the Governor of the State by which the battery shall not be called into actual service as a part of the National Guard except in extreme cases.

No action was taken on this subject.

#### LABORATORY FEES.

(10) The Council of Administration at its meeting of September 14, 1915, voted to recommend to the board that the laboratory fee in the new six-hour course in qualitative analysis (Chemistry 3a) be fixed at eight dollars; and that the fee in Chemistry 111 be made two dollars a credit hour up to a maximum of ten dollars.

On motion of Mr. Carr, this recommendation was approved.

#### AUTHORITY FOR TRANSFER OF FUNDS.

(11) A letter from the Comptroller of the University in regard to the transfer of moneys in the hands of the University Treasurer:

*October 11, 1915.*

*President Edmund J. James, University of Illinois.*

DEAR SIR: In my opinion, the Board of Trustees should give authority to the Comptroller to transfer moneys from one fund to another fund in the hands of the University Treasurer, as demanded by the exigencies which constantly arise in the business office.

Such authority in no way interferes with the liability of the University Treasurer to the Board of Trustees or the University. The transfers in no way interfere with the stipulations covered in the bond he has given the University as a matter of good faith and protection.

The power to order transfers of moneys from one fund to another should be given the Comptroller because in most instances in which such transfers must be made board action could not be waited for. To illustrate:

At the beginning of the present fiscal year, expenses chargeable to the Smith-Lever Funds arose at once. At the same time there were no funds out of which to pay these expenses since the proceeds from the United States Government were not received. Such expenses, of course, include certain salaries and other items that must be paid, and could not be held up for board action; funds must at once

be provided for the proper disbursements of such items. The Smith-Lever receipts may not reach the University Treasurer until possibly a month or two after the beginning of our fiscal year. Under such conditions, it was, of course, imperative that immediate action be taken to provide funds for expenses chargeable to the Smith-Lever income. Such action was taken at the beginning of this fiscal year.

We recently requested the Treasurer to transfer \$5,000 from general funds to trust funds. This was on account of military suits. Fees collected on account of military suits are held as a trust fund, inasmuch as the money is paid directly to the firm furnishing the suits, or, in some instances, refunded to the student if he is excused from military drill. In any event, the total amount collected is paid out and the money, therefore, is in the nature of a trust fund. Now, fees on account of military suits are collected at the same time as other fees, these collections being made at various stations about the Campus. On registration days, the collections vary from \$35,000 to \$45,000 per day, or \$90,000 for the two days. It is not advisable to keep this amount of money on hand, and deposits are, therefore, made on registration days at frequent intervals. The stubs evidencing the items for which the cash has been received are not returned into the business office from the various stations nor checked up for a couple of days. These stubs contain both general as well as military fees, that is to say, money received on account of general fund and on account of trust fund. It would be impossible at the time such deposit is made to state how much of the deposit is for general fund and how much for trust fund. The information giving this separation is not available until after the deposits have been made. This office could not afford to retain the collections during registration days in the vaults at our disposal. That would be absolutely unsafe. Consequently, there is no recourse for us except in asking transfers from the general fund to a trust fund on account of fees collected for military suits.

The above two instances will probably show you the necessity for quick action in the matter of transfers. In fact, no transfers can be anticipated and all transfers must be made on short notice. This condition really makes it almost necessary to empower the Comptroller to authorize the transfers referred to.

Yours truly,

W. B. CASTENHOLZ, *Comptroller*.

On motion of Mr. Carr, authority was granted to the Comptroller to direct the Treasurer to transfer moneys from one fund to another, provided that no change be made in the trust funds without permission of the Board of Trustees nor in other funds without the approval of the President of the board.

#### EMPLOYMENT OF AUDIT COMPANY.

(12) A request from the Comptroller for the appointment of a firm of certified public accountants to audit the books of the University:

*September 29, 1915.*

*President Edmund J. James, University of Illinois.*

DEAR SIR: Will you kindly advise me whether the firm of certified public accountants that is to audit the books of the University has been selected by the Finance Committee. The by-laws provide that an audit shall be made at the end of each quarter; the period of audit now contracted for ends March 31, 1916.

I should like to submit the names of the following firms to the Finance Committee. I am quite sure that any of them would give the University the very highest class of service and, in fact, service which might be of actual benefit to our office in the way of accounting organization and suggestions. The firms that I have especially in mind are: Lybrand, Ross Brothers, and Montgomery, Chicago, Ill.; Clinton H. Scovell and Company, Chicago, Ill.; Anderson, DeLany, and Company, Chicago, Ill.

I think the University should secure certified public accountants who stand for the highest kind of professional ethics and whose reputations are absolutely without blemish. Any of the above concerns can measure up to such a standard.

Very truly yours,

W. B. CASTENHOLZ, *Comptroller*.

This request was referred to the Finance Committee with power to act.

#### CASES FOR COLLECTIONS IN ENTOMOLOGY.

(13) A request from Prof. Stephen A. Forbes for an appropriation of five thousand dollars to provide fire-proof and dust-proof cases for the collections in entomology:

*October 6, 1915.*

*President Edmund J. James.*

DEAR DR. JAMES: The proposed transfer this semester of the State collection of insects from a room in the old and combustible part of the Natural History Building to one in the new fireproof part naturally brings up the subject of the accommodation, improvement, and utilization of these collections, with special reference to the University interest. The product of forty years' work of the State Entomologist's Office and the Natural History Survey, they have become very large—probably the most valuable State collection in America. They are unusually useful for scientific purposes because I have from the beginning preserved and put on permanent record data of time, place, and precise condition for each collection. Much of the material is, indeed, the product of breeding-cage work, and valuable, consequently, for life-history studies.

We have now in round numbers about 337,000 pinned specimens of insects, 22,200 bottle and vials of alcoholic specimens, and 5,000 microscope slides. From five to ten per cent of these specimens belong to economic species, and are useful in the work of the State Entomologist's Office, but the remainder is of value chiefly

to the specialist and the advanced student of entomology. The collections as they stand are the basis of practically all the high-grade and graduate work of our University Department of Entomology but they could be made very much more useful for this purpose if properly housed and completely classified. There is no other large collection within the reach of our students—a point in which the University of Illinois is at a disadvantage as compared with most eastern institutions, which have large museum and other public as well as private collections accessible to them.

It is my wish to make all this material as available and useful to the University work as is the State Laboratory Library, of which all concerned have the same use as if it belonged to the University proper. To this end it has seemed to me that I should ask that the University would, if practicable, provide the new room with first-class modern insect drawers and cases for the protection of this delicate material, so disposed as to make it easily accessible to those interested; and I have obtained from the United States National Museums, in Washington, descriptions, structural drawings, and prices of the most approved and modern forms of drawers and cases used in that Museum.

I find that for our present collections, with some reasonable allowance for the accessions of the next few years, we should need one thousand drawers at three dollars each, and twenty cases to contain them, at fifty dollars each, a total of four thousand dollars. Additional shelved cases for the alcoholics, tables for assistants, students and the like, would probably bring the cost of furnishing the room to five thousand dollars, and I venture to hope that the Trustees may find it proper and possible to make an appropriation of this amount for this purpose. It is important that this be done at once, if practicable; and I am writing the manufacturers of the National Museum drawers and cases to learn how much time would be needed to make this furniture after an order is placed.

Respectfully yours,

STEPHEN A. FORBES.

On motion of Mr. Small, the sum of five thousand dollars, or so much thereof as may be necessary, was appropriated for the purposes outlined above. The vote was as follows: Ayes, Mr. Abbott, Mrs. Busey, Mr. Carr, Mrs. Evans, Mrs. Henrotin, Mr. Small, Miss Watson; noes, none; absent, Mr. Blair, Mr. Dunne, Mr. Hoit, Mr. Trevett, Mr. Ward.

#### ADDITIONAL WATER SUPPLY.

(14) The following statement:

Among the items that it was intended to provide for in the budget under the head of physical plant extension was the sinking of two wells to provide an additional water supply. The following letter from the Supervising Architect explains itself:

October 12, 1915.

*President James.*

DEAR SIR: We have two propositions for additional deep wells, one from the Layne & Bowler Co., and the other a general proposition from several concerns for wells similar to those which we now have in use.

The Layne & Bowler proposition is one based on a charge of \$19 per gallon for each gallon of water pumped per minute, based on measurements taken at the end of a thirty-day pumping period. This system is a new and untried one for this part of the country, and in view of this, we asked the company if they would agree to give us bond for satisfactory operation of the well and pump. This bond is to hold for one year, and the final payment is to be based on the operation of the well at the end of that period. The whole proposition has been taken up in detail with Prof. Talbot, and he concurs in the following:

It is recommended that the contract for additional water supply be let to the Layne & Bowler Company, on the terms such as would be outlined in a contract at a rate of \$19 per gallon with a minimum of fifty gallons per minute, provided this contract includes all the stipulations that seem necessary to the Supervising Architect. It is further recommended that, if this company will not comply with the recommendations, the University sink two deep wells of the type now in use.

Yours very truly,

JAMES M. WHITE, *Supervising Architect.*

By H. D. OBERDORFER.

On motion of Mrs. Henrotin, the recommendation contained in the above letter was approved.

#### EQUIPMENT FOR PHYSIOLOGY LABORATORY.

(15) A request from Prof. W. E. Burge of the Department of Physiology for an appropriation of sixteen hundred and seventy-five dollars, or as much thereof as may be necessary, for additional equipment in the Department of Physiology, required by the large increase in registration in this department during the last two years.

On motion of Mr. Carr, the President of the University was authorized to order the purchase of equipment for this purpose, at a cost of not more than sixteen hundred and seventy-five dollars. The vote was as follows: Ayes, Mr. Abbott, Mrs. Busey, Mr. Carr, Mrs. Evans, Mrs. Henrotin, Mr. Small, Miss Watson; noes, none; absent, Mr. Blair, Mr. Dunne, Mr. Hoit, Mr. Trevett, Mr. Ward.

### USE OF ARMORY FOR PHYSICAL TRAINING.

(16) A request from Mr. George A. Huff, Director of Physical Training, for permission to use a portion of the New Armory for basketball games and practise:  
October 11, 1915.

*President Edmund J. James, University of Illinois.*

MY DEAR SIR: I respectfully ask for permission for the use of a portion of the New Armory for basketball games and practise. If this permission is granted, some changes in the building would be required.

It would be necessary to have a wood floor across one end of the Armory extending eighty feet from the end wall. A portion of the permanent balcony, which is designed for the Armory, should be built on each side of the Armory extending from between eighty and one hundred feet from the end of the Armory. The remainder of the seating would be taken care of by movable bleacher seats. This permanent balcony would really be a great help at Commencement time and as a reviewing stand for military functions, or similar affairs.

It would also be necessary to make some changes in the concrete floors which are now in the Armory in order that we could still have the sixth of a mile running track.

Enclosed please find a plan showing the Armory as it is now and one showing it as it would be if these changes are made.

It would be necessary for us to have the use of this 80-foot strip each afternoon in the week during the drill hour for four months of the year, viz., December, January, February, and March. There would be nothing, however, to interfere with the use of the entire building on special occasions, as all stands could be removed, if necessary.

Yours very truly,

GEO. A. HUFF, *Director of Physical Training.*

This matter was fully discussed in its various aspects but no action was taken.

### STORES FUND.

(17) A letter from the Comptroller asking for the creation of a stores fund of twenty-five thousand dollars in the hands of the University Treasurer:

October 12, 1915.

*President Edmund J. James, University of Illinois.*

DEAR SIR: I wish hereby to respectfully request board action creating out of general funds in the hands of the University Treasurer a stores fund of \$25,000.

The business office now buys supplies in large quantities at wholesale prices and keeps these on hand subject to departmental requisitions. The present arrangements of funds at Springfield makes it impossible to pay the original purchase bill out of State appropriations, because we cannot know in advance what departments will use the supplies, in what amounts they will be used or for what purpose. Consequently, the original purchase bills cannot be certified to the Auditor of Public Accounts against any of the State funds. And again, even if such certification were possible, it would not be desirable because the delay on the part of the State in paying such bills would deny us the right of earning the cash discounts.

We have, however, made arrangements with the State Auditor whereby he has agreed to reimburse the University out of State funds for withdrawals out of funds in the hands of the University Treasurer. These reimbursements are made as the departmental requisitions for stores are submitted to the State Auditor. Only under such conditions, can he charge the proper State funds.

Under present conditions, our books present the inventory of all supplies in the extremely ridiculous status of an overdraft. This status is induced by the following entries that must now be made. All purchases are charged as disbursements to the various supply accounts, for which there are no appropriations. As the supplies are furnished to the departments, the stores requisitions are sent to Springfield and a warrant is made out there for the amount of departmental stores withdrawn. These warrants when received by the business office, are then credited in the nature of an appropriation account to the stores account. The result is, naturally, an overdraft, since the volume of purchases exceeds the amounts received from Springfield for departmental purchases.

This whole defect can be solved by the creation of a stores fund to be set up in the accounts of the University Treasurer. This stores fund should be approximately equal to the amount of stock on hand. In other words, we are requesting the creation of a trust fund for supply purposes. This amount, which should be \$25,000 will, of course, be inflexible and will be ample to meet at all times the needs of the University for its purchases of storeroom supplies. The fund would be operated practically like a petty cash fund on the imprest system. By this I mean that either the entire amount of the fund would have to be on hand or the sum of the cash in the fund plus any un-reimbursed items would equal the total of the fund. Out of this fund, all purchases would be made and the warrants from the State Auditor for the supplies as used would be the reimbursing agencies.

The present duplication in records would be eliminated by the adoption of the above outlined method. There is now, of course, a double showing of disbursements; first, the purchase of the material for the stores room; and second, the disbursement charged to the department for the stores used. We also must show the reimbursements for stores used under receipts.

The entire present plan runs counter to every approved idea in accounting procedure. It makes impossible the carrying on our general ledger of a perpetual inventory account, which is extremely desirable as a means of control over the actual inventories in the various supply rooms. If a fund of this kind is created, we can run the inventory and stores system in a logical manner, setting up the inventory as a regular asset in our general ledger and charging departments on the basis of the stores requisitions monthly, crediting, of course, the inventory

account. In this way, all duplication will be avoided, the embarrassment of stating an asset as an overdraft will be eliminated and our general scheme of double entry bookkeeping and general ledger control will be fostered.

I sincerely trust the board will authorize the creation of a trust fund for stores purposes, so that our records may appear less absurd and absolutely accurate.

Yours truly,

W. B. CASTENHOLZ, *Comptroller.*

On motion of Mrs. Evans, the recommendation of the Comptroller was referred to the Finance Committee with power to act.

At this point, Mr. Small withdrew.

#### EXPERIMENTAL GAS PLANT IN OLD BOILER HOUSE.

(18) A letter from Dean W. F. M. Goss enclosing one from Prof. S. W. Parr concerning investigations involving the low temperature distillation of coal, and further provision for prosecuting these investigations.

October 13, 1915.

*President Edmund J. James, University of Illinois.*

MY DEAR PRESIDENT JAMES: Prof. S. W. Parr has for a number of years been engaged under the auspices of the Engineering Experiment Station to the extent of investigations involving the low temperature distillation of coal. His work in this field has attracted wide attention and has been generally commended. The progress of his work has now brought him to a point where the next step must involve apparatus of such size as will permit the handling of considerable quantities of fuel: The design and construction of this apparatus and the cost of attendants incident to its operation are matters which the Engineering Experiment Station is not prepared to meet.

In this emergency an outside agency, the American Tar Products Company, has proposed to cooperate with the Engineering Experiment Station to the extent of supplying such funds and materials as are necessary to extend the scale of Prof. Parr's work. They propose doing this without abridging in the least the station's control over the results obtained; their interest, as I understand it, being solely that of parties who will benefit by such progress in the art as the station may be instrumental in bringing about.

Prof. Parr's letter to me with reference to the subject, constituting a much more elaborate statement of facts, is hereunto attached.

I would ask:

1. That I be authorized to approve the proposed plan of cooperation upon the receipt of documentary evidence which will serve to confirm my present understanding of the matter as above set forth.

2. That the Supervising Architect be authorized to cooperate with the Director of the Engineering Experiment Station and with Prof. Parr in making available for this work such floor space as may be necessary in the old boiler plant or elsewhere as conditions may suggest.

It is understood that the approval of these proposals will not involve the University in expenditures in excess of those which are covered by existing budgets.

Respectfully submitted,

W. F. M. Goss.

October 13, 1915.

*Dean W. F. M. Goss, 300 Engineering Building.*

DEAR SIR: The work on low temperature distillation of coal which has been carried on under my supervision for something over ten years has reached the status which is fairly indicated in bulletins Nos. 24, 60, and 79 of the Engineering Experiment Station.

During the last academic year with the more elaborate apparatus furnished by the station, and with the diligent and effective work of Mr. Layng in connection therewith, there were developed additional facts of more than ordinary significance.

The chief item in these later experiments indicates the possibility of the control to a large extent of the yield of creosoles or tar acids which are of fundamental importance in the wood-preservation industry. The importance of this phase of the work could easily be shown equal to the main interest involved in the earlier investigations; namely, the production of a smokeless fuel. However, the demonstration at the present time and with the apparatus at hand is more nearly that of a laboratory process, and in order to prove up its possibilities, it is necessary to continue these experiments on a sufficiently enlarged scale to establish the practicability of this method of increasing the yield of creosoting material for wood preservation purposes.

From my own standpoint, I thoroughly believe in the importance of continuing this work to the extent that I would urge the establishment of the semi-commercial plant indicated, even though the expense involved may be considerable. However, during the last year these experiments have appealed to the American Tar Products Company of Chicago to the extent that they are willing to cooperate with us in such a way as to insure the continuance of these experiments. Their relation to this work as I understand it may be briefly outlined as follows:

The main purpose on the part of the American Tar Products Company is to promote the establishment of an industry which will supply to them the tar products required in their business, which calls for large quantities of creosote oils.

They do not claim any prerogative in the matter of publication of the results obtained. It is their purpose to meet the expenses involved in preparation of detail drawings, construction and erection of the equipment, cost of materials, coal used and city gas so far as that may be needed, cost of labor and the salary of a man to supervise the construction and operation of the plant.

All the work of designing, construction and operation will be under my general supervision.

The housing of the plant and the supplying of steam, water, air, and power, would be presumably supplied by the University.

The plans so far considered have had in mind the operation of such a plant for a year, but it should be possible, if circumstances make it desirable, to continue the work for two years in order to secure the greatest possible illustrative data from the experiment.

I would ask for such formal approval as you may deem necessary in the way of endorsement of this general plan of cooperation on the part of the American Tar Products Company, and the providing of suitable location and accessories for carrying on the work as outlined.

Very truly yours,

S. W. PARR,  
*Professor of Applied Chemistry.*

On motion of Mr. Carr, the recommendation of Dean Goss was approved.

#### USE OF THE WOMAN'S BUILDING FOR STUDENT PARTIES.

(19) The following statement:

The Council of Administration at its meeting of October 12, 1915, passed the following resolution:

That the Council of Administration recommend to the Board of Trustees that the use of the Woman's Building be granted for annual parties given by recognized groups of women students under regulations to be formulated by the Dean of Women and approved by the Council of Administration, subject to the following provisions:

1. That a reasonable fee be paid for the use of the building in each case.
2. That such parties are to give way to any general University function on twenty-four hours' notice.

3. That no decorations shall be used at such parties except those furnished by the Supervising Architect with the approval of the Dean of Women.

After considerable discussion, and on motion of Mrs. Henrotin, this matter was referred to the Committee on Students' Welfare for consideration and report.

#### COURSE IN CHEMICAL ENGINEERING.

(20) A statement that Dean W. F. M. Goss considers that the course in chemical engineering now administered by the College of Liberal Arts and Sciences should be transferred to the College of Engineering and that students pursuing courses leading to the degree of bachelor of science in chemical engineering should be registered in the College of Engineering.

No action was taken in this matter.

#### HAMMER'S ATELIERS FOR SCIENTIFIC MODELS.

(21) The following statement:

The firm founded by Joseph Hammer for the preparation of scientific models has organized a plastic studio at the University of Munich in Germany. It has also organized a similar studio in Chicago and has asked for the use of a room in one of the Medical Buildings as a work shop. In return for the use of the room, with heat and light, it undertakes to permit the Professors of the University to utilize any of its scientific models for instruction purposes in the College.

It is recommended by the Junior Faculty of the College of Medicine that the small room in the north end of the top floor of the Annex to the Dentistry Building be assigned for this purpose without rent to Hammer's Ateliers until further notice.

On motion of Mrs. Evans, this recommendation was approved.

#### REPORT ON SUMMER SESSION.

(22) A report on the summer session by Director W. C. Bagley. The Director recommends that a larger sum be appropriated for the support of the summer session. He is also in favor of making more adequate provision for systematic work and more ample provision for graduate courses.

No action was taken on this matter.

#### FURNITURE AND FIXTURES FUND.

(23) A recommendation that the sum appropriated for the erection and equipment of the new Chemistry Laboratory in the budget adopted for the present year be reduced from two hundred and fifteen thousand dollars to two hundred and eight thousand dollars, and that the difference of seven thousand dollars be assigned to the furniture and fixtures fund for the present year.

On motion of Mr. Carr, this recommendation was approved.

#### SMITH MEMORIAL BUILDING.

(24) A request from the Supervising Architect for authority to employ Mr. C. H. Blackall as consulting architect in preparing the plans for the Smith Memorial Building. According to a letter to Prof. White dated September 17, 1915, Mr. Blackall is willing to undertake this work of preparing drawings for the Music Hall part of the building and its approaches. He thinks, however, he should have the responsibility for preparing these plans entire. His charge for this service

would be estimated at four times the draftsman's wages; in addition to which, however, he would put in a bill for traveling expenses for such times as he should come to Champaign for conference and study, plus a charge of ten dollars a day for the time he was absent on such trips from his Boston office.

No action was taken on this request.

#### BIDS ON FURNITURE FOR CHEMISTRY BUILDING.

(25) A list of bids on furniture for the Chemistry Building, submitted by the Supervising Architect:

Firm.	A	B	C	D	E	Total.
Walrus Manufacturing Co.....	\$3,915 12	\$16,815 18	\$26,149 23	\$23,166 12	\$2,692 40	*\$ 72,738 05
Leonard Peterson .....	5,758 65	26,057 70	40,874 65	36,298 45	4,843 75	113,833 20
Kewanee Manufacturing Co.....	4,686 00	26,693 00	39,731 00	38,707 00	6,433 00	116,230 00
Grand Rapids Hand Screw Co .....	9,269 40	30,983 45	47,707 35	49,212 35	4,617 80	141,790 35

\* Accepted figures, \$72,740 95.

No action was taken in this matter.

#### REPORT, COMMITTEE ON STUDENTS' WELFARE.

Mrs. Henrotin presented a report from the Committee on Students' Welfare. This report was received and placed on file.

#### APPOINTMENTS TO FILL VACANCIES.

The Secretary presented for record the following list of appointments made by President James:

Bell, Norma, Clerk in the Catalog Department of the Library, on one-half time, for eleven months, beginning October 1, 1915, at a salary of twenty-seven and one-half dollars (\$27.50) a month. (October 7, 1915.)\*

Bollman, Minnie J., Cataloger in the Library, at a salary of seventy dollars (\$70) a month, beginning September 1, 1915, and continuing until further notice, subject to the rules of the Civil Service Commission. (September 6, 1915.)

Carroll, W. F., Beneficiary of the Rea Scholarship Fund in the College of Medicine for the academic year 1915-16, with a stipendium of sixty dollars (\$60) payable in two installments, one at the end of each semester. (October 13, 1915.)

Culver, H. E., Instructor in Experimental Medicine, for twelve months, beginning October 1, 1915, at a salary of twelve hundred dollars (\$1,200) a year. (October 6, 1915.)

D'Vorak, A. C., Student Assistant in Chemistry in the College of Medicine, on one-half time, for ten months beginning October 1, 1915, at a salary of five hundred dollars (\$500) for the year. (October 13, 1915.)

Falls, F. H., Instructor in Obstetrics and Pathology for twelve months beginning October 1, 1915, at a salary of twelve hundred dollars (\$1,200) a year. (October 6, 1915.)

Hill, Fanny W., Reviser and Assistant in the Library School, for nine months beginning September 20, 1915, at a salary of seventy-five dollars (\$75) a month. (October 7, 1915.)

Jones, Orah, Stenographer in the State Water Survey, at a salary of fifty-five dollars (\$55) a month, beginning October 1, 1915, and continuing until further notice, subject to the rules of the Civil Service Commission. (September 28, 1915.)

Kile, Laura L., Stenographer in the President's Office, at a salary of seventy dollars (\$70) a month for three-fourths time, beginning October 1, 1915. (October 12, 1915.)

Laguardia, C. J. B., Assistant in Romance Languages, for nine months beginning October 1, 1915, at a salary of one hundred dollars (\$100) a month. (October 6, 1915.)

Lampert, Max, Beneficiary of the Rea Scholarship Fund in the College of Medicine for the academic year 1915-16, with a stipendium of sixty dollars (\$60) payable in two installments, one at the end of each semester. (October 13, 1915.)

McElroy, Mildred, Library Assistant, at a salary of sixty-five dollars (\$65) a month, beginning September 14, 1915, and continuing until further notice, subject to the rules of the Civil Service Commission. (September 6, 1915.)

McGraw, Katherine L., Library Assistant, at a salary of sixty-five dollars (\$65) a month, beginning September 8, 1915, and continuing until further notice, subject to the rules of the Civil Service Commission. (September 6, 1915.)

Nadeau, O. E., Instructor in Surgery, for one year beginning October 1, 1915, at a salary of six hundred dollars (\$600) a year. (October 6, 1915.)

Nickoley, Edward F., Assistant in Accountancy, on one-half time, for nine months beginning September 20, 1915, at a salary of sixty-six and two-thirds dollars (\$66.66 2/3) a month. (October 13, 1915.)

Norwood, L. H., Beneficiary of the Rea Scholarship Fund in the College of Medicine for the academic year 1915-16, with a stipendium of sixty dollars (\$60) payable in two installments, one at the end of each semester. (October 13, 1915.)

\* The date in parenthesis is the date on which the appointment was made by the President of the University.

Paul, Katherine H., Scientific Artist in the Department of Zoology, for eight and one-third months beginning October 1, 1915, at a salary of one hundred twenty dollars (\$120) a month; this appointment subject to revocation for unsatisfactory work. (October 4, 1915.)

Roberts, Nellie R., Library Assistant in English, at a salary of seventy-five dollars (\$75) a month, beginning September 1, 1915, and continuing until further notice, subject to the rules of the Civil Service Commission. (September 6, 1915.)

Romero, Newman, Catalog Typist in the Library, for nine months beginning October 1, 1915, at a salary of twenty-seven and one-half dollars (\$27.50) a month. (October 7, 1915.)

Runyan, C. E., Clerk in the Library, for eleven months, beginning October 1, 1915, at a salary of thirty dollars (\$30) a month. (October 7, 1915.)

Schmidt, Robert, Storekeeper and Technician in the Department of Zoology, at a salary of seventy-five dollars (\$75) a month, for the term of nine months beginning October 1, 1915, or as soon as he may report for duty; this appointment subject to revocation for unsatisfactory work. (September 29, 1915.)

Seletz, Abraham, Beneficiary of the Rea Scholarship Fund in the College of Medicine for the academic year 1915-16, with a stipendium of sixty dollars (\$60) payable in two installments, one at the end of each semester. (October 13, 1915.)

Shelton, Wilma L., Library Assistant, at a salary of sixty-five dollars (\$65) a month, beginning September 20, 1915, and continuing until further notice, subject to the rules of the Civil Service Commission. (September 6, 1915.)

Stevenson, F. L., Clerk in the Catalog Department of the Library, on one-half time, for eleven months beginning October 1, 1915, at a salary of twenty-seven and one-half dollars (\$27.50) a month. (October 7, 1915.)

Stokes, J. H., Instructor in the Dispensary, in the Department of Dermatology, for the year beginning October 1, 1915, without salary. (October 12, 1915.)

Voss, Esther K., Technician in Pathology, at a salary of forty dollars (\$40) a month, beginning October 1, 1915, and continuing until further notice, but in no case beyond September 30, 1916; this appointment subject to revocation for unsatisfactory work. (October 4, 1915.)

Weston, Jessie B., General Assistant in the Library, at a salary of seventy-five dollars (\$75) a month, beginning September 1, 1915, and continuing until further notice, subject to the rules of the Civil Service Commission. (September 6, 1915.)

The board adjourned.

W. L. ABBOTT, *President.*

H. E. CUNNINGHAM, *Secretary.*



## MEETING OF OCTOBER 30, 1915.

A meeting of the Executive Committee of the Board of Trustees of the University of Illinois was held in the Trustees' Room, at the University, in Urbana, on Saturday, October 30, 1915, beginning at 10 o'clock a. m.

President Abbott and Mr. Carr, members of the committee and Mrs. Evans, Mrs. Henrotin, Mr. Ward, and Miss Watson, members of the board were present. Vice President David Kinley, Maj. F. D. Webster, and Prof. J. M. White were present.

Vice President Kinley presented the following recommendations on behalf of President James.

### BATTERY OF ARTILLERY.

(1) A recommendation that the Board of Trustees approve the suggestion of Adjutant General Frank S. Dickson that a Battery of Field Artillery of the National Guard be authorized at the University of Illinois, and that the President of the University be authorized to take such steps as may be necessary to put the plan into immediate effect.

Maj. Webster explained this matter in detail.

On motion of Mr. Carr, this recommendation was approved.

### LEAVE OF ABSENCE FOR PROF. S. O. ANDROS.

(2) A recommendation that the Board of Trustees approve the recommendation of Dean W. F. M. Goss that a leave of absence for the month of November, without salary, be granted to Mr. S. O. Andros, Assistant Professor of Mining Research in the Engineering Experiment Station.

On motion of Mr. Carr, this recommendation was approved.

### APPROPRIATION, COLLEGE OF MEDICINE.

(3) A recommendation that eleven hundred and forty dollars (\$1,140) of the unassigned funds of the College of Medicine be added to the sums allotted the Departments of Anatomy and Chemistry of the College of Medicine for the purchase of cadavers, and for equipment and repair, respectively, to be expended under the direction of the President, provided he is satisfied, after further inquiry, that the additional expenditures are justified.

On motion of Mr. Carr, this recommendation was approved.

### SETTLEMENT FOR ADMINISTRATION BUILDING.

Prof. White presented the matter of settlement with English Brothers for the general contract for the Administration Building.

On motion of Mr. Carr, the recommendation of the Committee on Buildings and Grounds, that a bonus of \$1,050 be paid English Brothers for the completion of the building on July 15 instead of September 1, 1915, as provided for in the contract, was concurred in.

The Executive Committee Adjourned.

W. L. ABBOTT, *Chairman.*

H. E. CUNNINGHAM, *Clerk.*

## MEETING OF DECEMBER 14, 1915.

The quarterly meeting of the Board of Trustees of the University of Illinois was held at the Blackstone Hotel, in the city of Chicago, on Tuesday, December 14, 1915, at 12.00 m.

The following members were present: President Abbott, Mr. Carr, Mrs. Evans, Mrs. Henrotin, Mr. Hoit, Mr. Ward, Miss Watson.

President James was present.

### APPROVAL OF MINUTES.

The Secretary presented the minutes of the meeting of October 14, 1915. On motion of Mr. Carr, the minutes were approved as printed above on pages 845 to 857, inclusive.

### MATTERS PRESENTED BY THE PRESIDENT OF THE UNIVERSITY.

The board proceeded to the consideration of the following matters presented by President James:

#### SAFEGUARDING OF COLLECTIONS.

(1) The following statement:

A recent defalcation by the cashier of a neighboring university caused me to examine again the system employed by the University of Illinois to safeguard the funds collected by the institution. In response to my request, the Comptroller has submitted a communication of several pages covering the points involved. I recommend that this communication be referred to the Finance Committee for consideration and report.

This recommendation was concurred in.

#### REGISTRATION, NOVEMBER 1, 1915.

(2) A report of the Registrar showing the comparative registration in the University on November 1, 1915, and November 1, 1914.

This report was received for record.

#### COMPARATIVE REGISTRATION, NOV. 1, 1914, AND NOV. 1, 1915.

##### BY COLLEGES AND SCHOOLS IN URBANA AND CHICAGO.

Colleges and schools.	1914			1915		
	Men.	Women.	Total.	Men.	Women.	Total.
Liberal Arts and Sciences.....	*711	642	1,353	727	745	1,472
Commerce.....	*368	8	376	508	19	527
Engineering.....	1,195	3	1,198	1,180	5	1,185
Agriculture.....	934	144	1,078	1,045	148	1,193
Music.....	4	64	68	4	55	59
Total, undergraduates.....	3,212	861	4,073	3,464	972	4,436
Law.....	112	.....	112	86	.....	86
Library School.....	3	43	46	2	37	39
Graduate School.....	282	58	340	325	68	403
Total, Nov. 1.....	3,609	962	4,571	3,887	1,077	4,964
Summer Session.....	589	349	938	647	381	1,028
Deduct duplicates.....	315	96	411	284	105	389
Net total.....	274	253	527	363	276	639
Total, Urbana to date.....	3,883	1,215	5,098	4,250	1,353	5,603
Increase at Urbana.....	.....	.....	.....	.....	.....	505
Per cent of increase.....	.....	.....	.....	.....	.....	9.86

## COMPARATIVE REGISTRATION—Concluded.

Colleges and schools.	1914			1915		
	Men.		Total.	Men.	Women.	Total.
Medicine (Chicago).....	264	23	287	214	12	226
Dentistry (Chicago).....	83	1	84	122	5	127
Pharmacy (Chicago).....	191	8	199	185	10	195
Total in Chicago.....	538	32	570	521	27	548
Total in University.....	4,421	1,247	5,668	4,767	1,384	6,151
Deduct duplicates.....	3	1	4	1	.....	1
Net total.....	4,418	1,246	5,664	4,766	1,384	6,150
Increase.....	.....	.....	.....	.....	.....	486
Percentage of increase.....	.....	.....	.....	.....	.....	8.54

\* The courses in Commerce were in L. A. & S. in 1914, but the figures are separated here for purposes of comparison.

## APPARATUS FOR ANATOMY.

(3) A request from the Department of Zoology, approved by Dean K. C. Babcock, for an appropriation of \$700 for the purchase of equipment necessary to carry on Courses 1 and 2 in Human Anatomy.

On motion of Mrs. Evans, the sum of seven hundred dollars, or so much thereof as may be necessary, was appropriated for the purchase of equipment as requested above. The vote was as follows: Ayes, Mr. Abbott, Mr. Carr, Mrs. Evans, Mrs. Henrotin, Mr. Hoit, Mr. Ward, Miss Watson; noes, none; absent, Mr. Blair, Mrs. Busey, Mr. Dunne, Mr. Small, Mr. Trevett.

## ALBERT P. GROUT.

(4) Announcement of the death of Albert P. Grout, formerly a member of the Board of Trustees.

Mr. Hoit and Mrs. Evans were appointed a committee to draft resolutions to be sent to the surviving members of the family, to be printed in the minutes, and to be given to the press.

## CONFERENCE OF COLLEGE PRESIDENTS.

(5) A request for authority to hold a conference of the college presidents of the State to consider the relations of the colleges with the University; and for an appropriation of \$250 to pay the traveling expenses of the persons invited and the other expenses of the conference.

On motion of Mrs. Henrotin, authority to call such a conference was granted and the sum of two hundred fifty dollars, or so much thereof as may be necessary, was appropriated for this purpose. The vote was as follows: Ayes, Mr. Abbott, Mr. Carr, Mrs. Evans, Mrs. Henrotin, Mr. Hoit, Mr. Ward, Miss Watson; noes, none; absent, Mr. Blair, Mrs. Busey, Mr. Dunne, Mr. Small, Mr. Trevett.

## SENATE COMMITTEES ENLARGED.

(6) A recommendation from the University Senate that the statute (University of Illinois Statutes, 1908, page 35, IV, 1 and 2) concerning the standing committees of the Senate be amended to provide for seven members (instead of five) of the Committee on Educational Policy and the Committee on the Library.

On motion of Mr. Carr, this recommendation was approved.

## AUTOMOBILE FOR THE OPERATING DEPARTMENT.

(7) A request from the Operating Department for the purchase of a five-passenger Ford which has been rented for some time for the use of that department. The machine is a second-hand car that has been run two hundred fifty miles, and is in excellent condition. It is equipped with shock absorbers and all accessories and cost when new \$465. The amount already paid for rental (\$235) may be applied on the purchase of the car; the appropriation of the balance (\$175) is now requested.

On motion of Mrs. Evans, the sum of one hundred seventy-five dollars was appropriated for the purchase of this automobile. The vote was as follows: Ayes, Mr. Abbott, Mr. Carr, Mrs. Evans, Mrs. Henrotin, Mr. Hoit, Mr. Ward, Miss Watson; noes, none; absent, Mr. Blair, Mrs. Busey, Mr. Dunne, Mr. Small, Mr. Trevett.

**RESOLUTIONS, ILLINOIS SOCIETY OF ARCHITECTS.**

(8) Resolutions passed in November by the Illinois Society of Architects to the following effect:

"That it be the sense of the Illinois Society of Architects that the School of Architecture be taken out of the College of Engineering and be given its proper place in the curriculum."

No action was taken in this matter.

**EXAMINATION IN ENGLISH LITERATURE.**

(9) A recommendation from the University Senate that the item "English literature, 2 units" be omitted from the list of examinations required of applicants for admission who present 15 units from accredited high schools, but who are not graduates of such schools.

On motion of Mr. Carr, this recommendation was concurred in.

**THE CURRICULUM IN MUSIC.**

(10) A recommendation from the University Senate that the following changes be made in the curriculum of the School of Music:

1. That the number of credit hours in the major subject be made four instead of six each semester for two lessons a week.
2. That the minor subject be required for each of the four years.
3. That Education to be required in the second semester of either the junior or the senior year.

On motion of Miss Watson, these changes were authorized.

**SIX-YEAR CURRICULUM IN SCIENCE AND DENTISTRY.**

(11) A recommendation from the University Senate that a six-year curriculum in Science and Dentistry be established, the first three years to be taken at Urbana and the last three in Chicago, the graduate to receive the degrees of Bachelor of Science and Doctor of Dental Surgery at the end of the six years.

On motion of Miss Watson, this curriculum was authorized.

**LEAVE OF ABSENCE FOR MR. O. S. WATKINS.**

(12) A request from Prof. J. C. Blair, endorsed by Dean Davenport, that Mr. O. S. Watkins, of the Department of Horticulture, be granted leave of absence on full pay for four months. Mr. Watkins has been connected with the University for about ten years but has seldom taken a vacation. In view of the fact that he is in ill health, this request does not seem to be unreasonable.

On motion of Mr. Carr, this request was granted.

**SITE FOR SCHOOL OF PHARMACY.**

(13) A recommendation that the following properties in Chicago be purchased to provide adequate housing facilities and also for extension of buildings to take care of the School of Pharmacy and such other departments as may be located on this property:

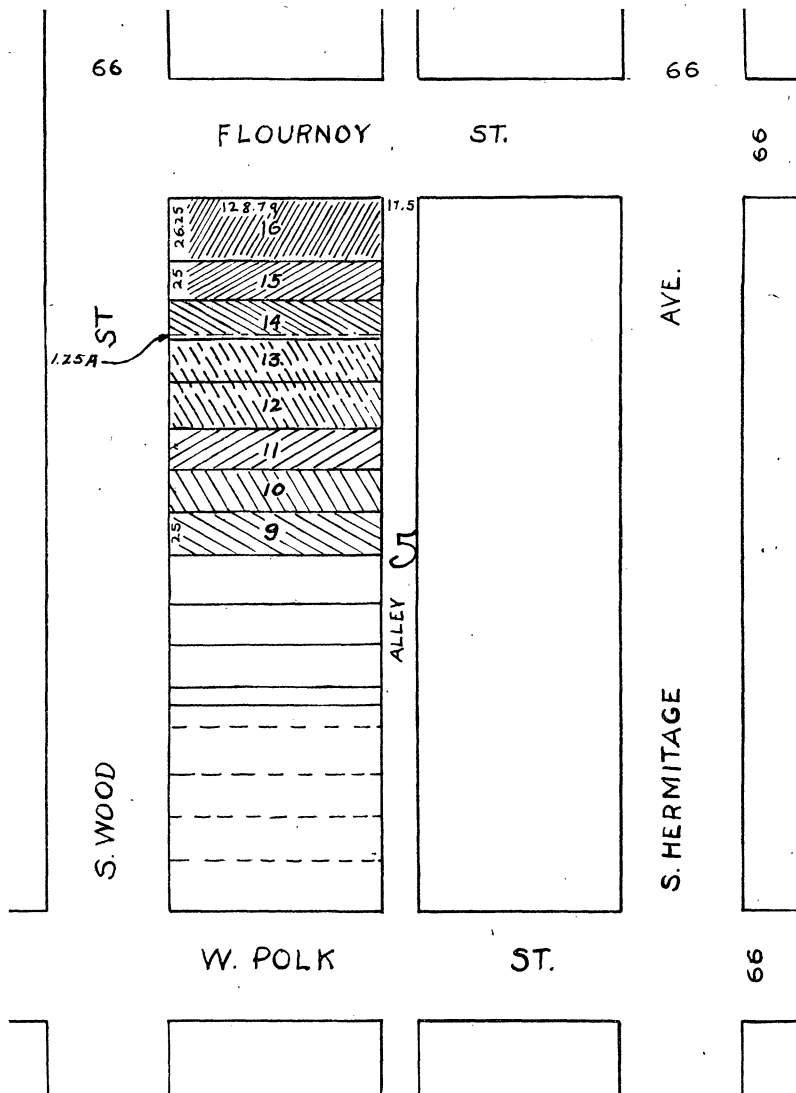
1. The lot at the southeast corner of South Wood and Flournoy Streets. 75 123.79 feet, with a four-story brick building occupied by the Jenner Medical College, including the properties numbered 701, 703, and 705 South Wood Street. Price, \$16,100 and certain expenses for commission, abstract, and guarantee of title.
2. The property immediately south of No. 1, being a lot 51.25 by 123.79 feet, with a three-story building formerly occupied by the Chicago Homeopathic Hospital and later by the Detention Hospital; the building is number 711 South Wood Street. Price, \$9,240 and expenses for commission, abstract, and guarantee of title.
3. The property immediately south of No. 2, being 75 by 123.79 feet, with three small buildings numbered 713, 717, and 719 South Wood Street. Price, \$10,250 and expenses for commission, abstract, and guarantee of title.

I think the second and third properties should be obtained for a smaller sum, altho they will be worth to the University the price named. I estimate that it will cost about \$25,000 to put the buildings in satisfactory condition for use. This will make approximately \$60,000. The property is all needed at the present time. Its acquisition will enable the University to put in a hothouse and an experimental plot for growing medicinal plants—both of which are needed for the work in pharmacy.

It appears that the Executive Committee purchased the Jenner Medical School property last week, subject to the approval of the board. I recommend that this action be approved, and that the President of the board be authorized to purchase the other properties within the prices named above.

On motion of Mr. Carr, the action of the Executive Committee in purchasing the Jenner property was approved and the sum of \$16,600 was appropriated to pay for this property. The vote was as follows: Ayes, Mr. Abbott, Mr. Carr, Mrs. Evans, Mrs. Henrotin, Mr. Hoit, Mr. Ward, Miss Watson; noes, none; absent, Mr. Blair, Mrs. Busey, Mr. Dunne, Mr. Small, Mr. Trevett.

On motion of Mr. Hoit, the President of the board was authorized to purchase the second and third properties\* recommended at the prices named.



Lots purchased for the School of Pharmacy.

The vote was as follows: Ayes, Mr. Abbott, Mr. Carr, Mrs. Evans, Mrs. Henrotin, Mr. Hoit, Mr. Ward, Miss Watson; noes, none; absent, Mr. Blair, Mrs. Busey, Mr. Dunne, Mr. Small, Mr. Trevett.

\* The legal description of all three properties is given in the following letter:

CHICAGO, DECEMBER 13, 1915.

Dr. Edmund J. James, Urbana-Champaign, Illinois.

DEAR DOCTOR: Complying with your request of yesterday, we enclose plat, the colored sections of which show the three properties under contract of purchase, as follows:

Jenner property (as we have usually referred to it), No. 701-707 South Wood Street, held by Hering Medical College and Hospital, known and described as lots 15 and 16 and the North 23.75 feet of lot 14 in Carpenter's Resub of the West  $\frac{1}{2}$  of block 5 in the Assessor's Division of the East  $\frac{1}{2}$  of the Southeast

## RUSH MEDICAL COLLEGE.

(14) The following statement:

It has been suggested that the President of the University meet with the trustees of the Rush Medical College to discuss the medical situation in the city of Chicago, with a view to a possible consolidation of Rush Medical College and our College of Medicine.

I think it would be well to hold such a conference, and I advise the Trustees to accept the property of Rush Medical College, if an offer should be made to that effect, with the understanding that it should be devoted to the purposes of medical research and education.

The Board of Trustees two years ago (report, 1914, page 747) indicated its willingness to do this. I recommend that it express its opinion upon this subject at the present time.

On motion of Mrs. Evans, Chairman of the Committee on the College of Medicine, the action of the board taken on April 22, 1914, concerning the consolidation of Rush Medical College with the University of Illinois was re-affirmed, and the President of the University was authorized to negotiate the terms of such consolidation and to submit the terms to the board for consideration and action.

## APPOINTMENT OF PROFESSOR EMMEL.

(15) A recommendation that Dr. Victor E. Emmel, of Washington University Medical School, be appointed Assistant Professor of Anatomy in the College of Medicine for a term of three years, beginning September 1, 1916, at a salary of twenty-seven hundred and fifty dollars a year; and that he be appointed Assistant Professor of Anatomy from January 1, 1916, to August 31, 1916, at a salary of thirteen hundred dollars for the period. The salary to be paid from funds assigned to the College of Medicine.

On motion of Mrs. Evans, this appointment was made.

## SMITH MUSIC BUILDING.

(16) The following statement:

Capt. Thomas J. Smith, it will be remembered, presented to the Trustees of the University of Illinois seven hundred and seventy acres, more or less, of farm lands in Champaign County, the proceeds of the sale of which were to be used in the erection of a Music Building. The Trustees agreed to erect a building on the Campus for this purpose as soon as feasible, at a cost of not less than two hundred fifteen thousand dollars. Capt. Smith is desirous of seeing this building erected at the earliest possible date.

I recommend that these farms be put into the hands of Mr. Bruce Henderson, real estate agent, for sale, at a price not less than the valuation placed on these farms by Capt. Smith. Mr. Henderson is willing to list these farms, advertise them, and do the best he can to sell them, provided they are listed exclusively with him for the term of one year from December 1, 1915, with the understanding that if he sells these farms during that period, or any portion of them, he shall be paid a commission of two dollars an acre on all acres sold. Mr. Henderson should report to the Board of Trustees any *bona fide* offer made for any of the farms for the consideration of the board.

I recommend further that the Supervising Architect be directed to proceed with the preparation of plans for the erection of a wing of this building, and that if the farms, or some portion of them, cannot be sold in time to meet the necessary expenses connected with the erection of such a building as may be approved by the board, a loan shall be placed on these farms to the extent which may be necessary to carry on the construction of this building.

I am informed by Mr. Matthew W. Busey and Mr. Henderson that it will be feasible in their opinion for the Trustees to place a loan on the average of one hundred dollars an acre on these lands. Such a loan would provide seventy thousand dollars. The University would, of course, have to provide the additional money which might be necessary for the completion of the wing of the building from other funds, to be reimbursed by the subsequent sale of the lands.

Prof. White's preliminary plan involves the erection of one wing for the sum of one hundred seventy thousand dollars, and this wing would be usable for the purposes of the School of Music from the day of completion.

Aside from Capt. Smith's wishes in this matter, which certainly ought to receive the very greatest consideration, the University is in great need of this building for the work of its School of Music.

$\frac{1}{2}$  of section 18 township 39 north, range 14 east of the third Principal Meridian in Cook County, Illinois. This ground is occupied by 3 story and basement building. Price \$16,100. Lot size 75 by 123.79 feet.

Old Detention Hospital (as we have usually referred to it), No. 709-711 South Wood Street, held by Chicago Homeopathic Hospital, known and described as lots 12, 13 and the south 1.25 feet of lot 14 in the Resub of the west  $\frac{1}{4}$  of block 5, etc. This ground is occupied by 3 story and basement brick building. Price \$9,240. Lot size 51.25 by 123.79 feet.

Prehler property, No. 715, 717, 719 South Wood Street, 3 2-story frame buildings, held by Adam Prehler, known and described as lots 9, 10, and 11 in the block and sub above mentioned. Price \$10,250 plus cost of continuing guarantee policy (about \$50 or \$75). Lot size 75 by 123.79 feet.

We congratulate you for having been able to secure these properties at the very low prices paid. We consider them an unusual bargain.

Lease of your space Michigan Avenue and Twelfth Street requires 4 months written notice if you wish to terminate. Kindly send us this notice to arrive before January 1, 1916.

Yours truly

McKEY & POAGUE

By ALEXANDER PRUSSING.

On motion of Mr. Carr, the matter of the sale or mortgaging of the Smith lands was referred to the Finance Committee with power to act. The vote was as follows: Ayes, Mr. Abbott, Mr. Carr, Mrs. Evans, Mrs. Henrotin, Mr. Hoit, Mr. Ward, Miss Watson;\* noes, none; absent, Mr. Blair, Mrs. Busey, Mr. Dunne, Mr. Small, Mr. Trevett.

On motion of Mrs. Evans, the Supervising Architect was instructed to proceed with the preparation of plans for the Music Building and was authorized to consult with Mr. C. H. Blackall concerning these plans.

#### PROMOTION OF PROFESSOR T. D. YENSEN.

(17) A recommendation from Dean W. F. M. Goss of the College of Engineering, approved by the heads of the departments in the Engineering Experiment Station, that in recognition of his significant service in the development of engineering research, Mr. Trygve D. Yensen be promoted to be Research Assistant Professor of Electrical Engineering in the Engineering Experiment Station, at a salary of twenty-four hundred dollars a year, beginning January 1, 1916.

Mr. Yensen seems to have done some rather remarkable work in his investigation of the magnetic properties of iron and iron alloys. The first part of his problem was to develop a method of producing pure iron as a basis for the investigation. After experimenting with the methods used by previous investigators, a new one was finally perfected, consisting in melting electrolytically refined iron in a vacuum. The iron produced by this method was far purer than any iron previously produced by fusion, the iron containing only 0.02 to 0.03 per cent impurities.

The magnetic properties of the vacuum fused iron proved as remarkable as its purity. Its maximum permeability was found to be about 20,000, which is from two to three times as high as the best magnetic iron or iron alloy previously produced. By alloying the pure iron with certain percentages of silicon, even better results were obtained, the maximum permeability being raised to above 50,000.

By making use of this alloy it will be possible to cut in two the amount of material needed for electrical machinery, such as transformers, and at the same time to minimize greatly the losses that occur continuously as long as the machine is in operation.

On motion of Mrs. Henrotin, the promotion of Mr. Yensen was made according to the recommendation, and the congratulations of the board were extended to Mr. Yensen on his achievement. The vote was as follows: Ayes, Mr. Abbott, Mr. Carr, Mrs. Evans, Mrs. Henrotin, Mr. Hoit, Mr. Ward, Miss Watson; noes, none; absent, Mr. Blair, Mrs. Busey, Mr. Dunne, Mr. Small, Mr. Trevett.

#### REPORTABLE DISEASES.

(18) A recommendation from the Council of Administration that the following regulation proposed by Dr. J. H. Beard on the subject of reportable diseases be adopted:

"It shall be the duty of every member of the faculty and every employee of the University of Illinois on whose premises there resides any person suffering from or suspected to be suffering from or afflicted with any of the diseases enumerated in this section (hereafter referred to as 'reportable diseases') immediately to report the same in writing or by telephone followed by a written report to an official designated by the President of the University."

#### REPORTABLE DISEASES.

##### *List of the Illinois State Board of Health.*

Tuberculosis (any form).	Rocky Mountain Spotted Fever.	Continued Fever (over 7 days).
Diphtheria (membranous croup).	Cerebrospinal Fever.	Smallpox.
Typhoid and Paratyphoid Fever.	Measles.	Chickenpox.
Scarlet Fever (scarlet rash).	Whooping Cough.	Typhus Fever.
Scarlatina.	Malaria.	Leprosy.
Dysentery (amebic or bacillary).	Hookworm Disease.	Rabies.
Acute Infantile Paralysis.	Pellagra.	Tetanus.
Epidemic Meningitis.	Bubonic Plague.	Glanders.
Septic Sore Throat.	Asiatic Cholera.	Anthrax.
Ophthalmia Neonatorum.	Puerperal Fever.	Trichinosis.
	Actinomycosis.	Trachoma.
	Yellow Fever.	Mumps.

As the wording of this regulation is taken from the general rules for the control of communicable diseases adopted by the Illinois State Board of Health, February 16, 1915, and as it requires of the faculty and employees of the University no publicity or inconvenience not demanded by the Illinois State Board of Health under the penalty of fine and imprisonment, I recommend that it be approved.

On motion of Mr. Carr, this regulation was adopted.

\* Miss Watson later requested the Secretary to append a footnote stating that her vote was conditioned on the legality of the borrowing of money by the Board of Trustees.

### EXAMINATION FOR DIPHTHERIA AND TYPHOID FEVER.

(19) A joint recommendation from Dean T. A. Clark and Registrar C. M. McConn, concerning a regulation as to examinations of persons connected with the University in cases of diphtheria and typhoid fever:

#### SUGGESTED REGULATIONS.

*Concerning the bacteriological examination of persons connected with the University:*

1. Diphtheria: Examination for the release of persons who have been in the same house or in contact with any person infected with diphtheria: two negative cultures in succession taken at intervals of not less than twenty-four hours.

*Examination for the release of persons who are convalescent or those who may harbor the diphtheria organism without showing the usual clinical signs:* Three negative cultures in succession at intervals of not less than twenty-four hours for all persons connected with the University; but persons connected with the University whose duties require them to handle food or vessels used in the cooking or serving of food should not be permitted to take up their work until at least four consecutive negative cultures taken at intervals of not less than twenty-four hours have been obtained.

2. Typhoid Fever: Persons convalescent from typhoid fever should be released after two consecutive negative examinations of both urine and stools. These examinations should be taken at intervals of not less than one week. Persons whose duties bring them in contact with food or the handling of vessels used in cooking or serving food should be required to submit to four consecutive examinations of this nature; these examinations to be made at intervals of not less than two weeks. Furthermore, these examinations should not begin until after the person has left the hospital.

The suggestions regarding typhoid fever quoted above are based on the practise of the Massachusetts State Board of Health. Ledingham of the Leicester Institute of London recommends even more examinations than have been suggested. The Massachusetts State Board of Health, however, feels that the above scheme is satisfactory and is both safe and practical.

Diphtheria and typhoid fever seem to be the only two diseases to which it is necessary to make any special reference.

Bacteriological examination of sputum for tuberculosis and Widal tests for typhoid can be made in the laboratory satisfactorily upon request.

On motion of Mr. Carr, these regulations were adopted, and the President of the University was authorized to employ some member of the staff to carry on the work of the bacteriological examinations until further notice at a stipendium of twenty-five dollars a month. The vote was as follows: Ayes, Mr. Abbott, Mr. Carr, Mrs. Evans, Mrs. Henrotin, Mrs. Henrotin, Mr. Hoit, Mr. Ward, Miss Watson; noes, none; absent, Mr. Blair, Mrs. Busey, Mr. Dunne, Mr. Small, Mr. Trevett.

A this point, President Abbott, being called from the room, requested Mr. Carr to take the chair. His vote on the next questions (20 and 21), was given when he returned to the meeting.

#### MEDICAL EXAMINATION OF STUDENTS.

(20) A request from Prof. T. A. Clark, Dean of Men, that he be authorized in case he deems it necessary to send students to Dr. J. H. Beard for medical examination.

On motion of Mrs. Evans, this authority was given, and the President of the University was authorized to approve vouchers for a reasonable fee to Dr. Beard for such examinations, and to assign and equip a room for the office of the examiner. The vote was as follows: Ayes, Mr. Abbott, Mr. Carr, Mrs. Evans, Mrs. Henrotin, Mr. Hoit, Mr. Ward, Miss Watson; noes, none; absent, Mr. Blair, Mrs. Busey, Mr. Dunne, Mr. Small, Mr. Trevett.

#### PRACTISE ORGAN.

(21) A request from Director J. L. Erb, of the School of Music, that a practise organ be purchased for the use of students. It is proposed to charge students who wish to use this practise organ a reasonable fee. We have found it hard to carry on our organ courses because students find difficulty in getting the use of organs, which, in a locality like Urbana-Champaign, are limited to the churches.

On motion of Mrs. Henrotin, the President of the University was authorized to direct the purchase of a practise organ at a price not to exceed one thousand dollars. The vote was as follows: Ayes, Mr. Abbott, Mr. Carr, Mrs. Evans, Mrs. Henrotin, Mr. Hoit, Mr. Ward, Miss Watson; noes, none; absent, Mr. Blair, Mrs. Busey, Mr. Dunne, Mr. Small, Mr. Trevett.

A this point, President Abbott returned to the meeting and recorded his vote in the affirmative concerning the medical examination of students and the purchase of a practise organ.



**SUBSIDY FOR PSYCHOLOGICAL REVIEW.**

(22) A request from Prof. Madison Bentley for a contribution of one hundred dollars a year to the support of the Psychological Review publications.

The President of the University was given authority to make such an assignment of funds for the present year in case it seems to him wise.

**CURRICULUM IN PHARMACEUTICAL CHEMISTRY LENGTHENED.**

(23) A recommendation from Prof. W. B. Day, Acting Dean of the School of Pharmacy, that the curriculum for the degree of Pharmaceutical Chemist be lengthened to three years, beginning September 1, 1916, for all students beginning the course at that time.

On motion of Miss Watson, this recommendation was approved.

**APPOINTMENT OF PROF. BLACKWELDER.**

(24) A request for authority to appoint Elliott Blackwelder of the University of Wisconsin to be Professor of Geology and head of the Department of Geology, at a salary of four thousand dollars a year, beginning on February 1 or September 1, 1916, as may seem best.

On motion of Mrs. Evans, the President of the University was authorized to make this appointment.

**DETAIL OF MAJ. R. W. MEARNS.**

(25) The following communication has been received from Maj. General H. L. Scott, Chief of Staff:

SPECIAL ORDERS, No. 286.

WAR DEPARTMENT, WASHINGTON, December 9, 1915.

**Extract.**

By direction of the President, Maj. Robert W. Mearns, 12th Infantry, is detailed as Professor of Military Science and Tactics at the University of Illinois, Urbana, Ill., to take effect January 22, 1916. Maj. Mearns will proceed to Urbana and report in person on that date to the President of the University for duty. The travel directed is necessary in the military service.

By order of the Secretary of War,

H. L. SCOTT,

Major General, Chief of Staff.

Official:

H. P. MCCAIN,

*The Adjutant General.*

This statement was received for record.

**BUILDING PROGRAM.**

(26) A statement from Prof. J. M. White, Supervising Architect, concerning the building program:

**VIVARIUM.**

1. The Vivarium Building is practically completed, and it is recommended that the board authorize a final settlement with the general contractor. He will not finish his contract until a week after the date set, but he is entitled to an extension because of minor changes in the building, and it is recommended that this extension of time be granted.

On motion of Mr. Hoyt, an extension of one week was granted to the general contractor on the Vivarium Building for the completion of his contract, and the Supervising Architect was authorized to make a final settlement with the general contractor.

**CERAMICS.**

2. The Ceramics Building is now under roof and plastering will begin in about one week. The contract date for the completion of this building is February 19, and it is probable that it will be ready by that time.

**CHEMISTRY.**

3. The Chemistry Building will be ready for use in parts for the second semester of the present academic year. Freeman and Brooks, the general contractors, think now that they will have their work done by January 1, 1916. The supply of the furniture is progressing satisfactorily, and the contractor will probably begin its installation in two weeks.

**GENETICS.**

4. The Genetics Building is under roof and all materials necessary for its completion are on hand, so that it should be ready for use in about a month.

**CATTLE FEEDING PLANT.**

5. The first two silos of this plant are now completed, which is all the work in connection with this building that was planned for this autumn.

**WOMEN'S RESIDENCE HALL.**

6. The plans for the Women's Residence Hall have already been approved by the board, and are being rapidly put into shape for calling for bids. Some slight changes have been made, so that the plan now conforms to the lot dimensions permitting the building to be set back forty feet from the street line, and still keep the rear wall on the south property line. Request is made for authority to receive

bids on the Women's Residence Hall at the earliest possible date at which the plans can be completed. It is believed that contractors can be found who will be willing to start this building early in the spring and wait until the 1st of July for their first payment.

On motion of Miss Watson, this recommendation was approved and the Supervising Architect was authorized to receive bids for the construction of the Women's Residence Hall at the earliest practicable time.

#### EDUCATION.

7. A revised design for the School of Education Building is herewith submitted for approval. The plan is practically the same as the one formerly approved, but it is expanded a little in size to give more roomy corridors and an increased glass area. The design is a simple attempt to group the large window areas and still leave piers which are sufficiently substantial to support the floors and roof. The glass area now provided is one-fourth of the floor area, which is the maximum requirement in the case of school buildings. In most designs it is not possible to obtain over one-fifth and in a number of the rooms in the former plan even so much was not possible. This design is more economical than the former one, but because of the increase in size of the building it will not cost any less and may cost a little more, if present indications with reference to the rise in the price of materials prove true. The floor area has been increased about one-eighth.

On motion of Mr. Carr, the Supervising Architect was requested to present other designs for the exterior of the School of Education Building, and he was authorized to secure the assistance of a firm of competent architects in preparing the new plans. The vote was as follows: Ayes, Mr. Abbott, Mr. Carr, Mrs. Evans, Mrs. Henrotin, Mr. Hoit, Mr. Ward, Miss Watson; noes, none; absent, Mr. Blair, Mrs. Busey, Mr. Dunne, Mr. Small, Mr. Trevett.

#### NATURAL HISTORY.

8. Plans are herewith submitted for the completion of the Natural History Building. The space in this addition through the first three floors is to be assigned to the Department of Botany, the upper floor being used as an addition to the present Museum. These plans present a full solution of the problem, and meet with the approval of the departments concerned. The actual working drawings have not been begun, but if the design can be approved, work upon them can be carried on immediately. The building is to be absolutely fire-proof which is very necessary because it is the connecting link between the old building, which is of the ordinary type, and the south building, which has a nonfire-proof roof. No outside entrances seem to be necessary in the addition, because all people coming into the building from the east must come via either Green or Illinois Streets, and the present entrances are entirely convenient and adequate for these approaches.

On motion of Mr. Carr, these plans were approved and the Supervising Architect was authorized to proceed with the elaboration of working drawings, so as to be prepared to call for bids as soon as the funds are available.

#### GALLERY IN GYMNASIUM ANNEX.

9. Plans have been prepared for a gallery in the Gymnasium Annex (the old Armory) which will extend out into the room eleven feet on all four sides, and be supported on a row of steel columns or girders under the front edge. It will be high enough to permit the use of the present portable bleachers, and therefore will give a seating capacity of some four thousand people around a basketball court. Separate exits directly to the outside will have to be provided at the east and west ends and at the north side. According to a statement from Mr. George A. Huff, the Athletic Association is willing to pay the entire expense of constructing the balcony.

On motion of Mrs. Evans, these plans were approved and the Supervising Architect was authorized to proceed with the construction of the balcony; the Athletic Association to pay all expenses of construction.

#### STORAGE FOR BATTERY F EQUIPMENT.

10. Maj. Webster has submitted a plan for the building of an enclosure in the southwest corner of the Armory which will be divided by walls and covered over with a ceiling to provide separate rooms for the temporary storage of the different kinds of equipment for Battery F. The floor area covered will be 880 feet, and the partitions will be ten feet high. The cost of the enclosure will be about one thousand dollars, and the racks for the equipment, aside from the lockers, which it is understood are to be furnished by the Adjutant General of the State, will be about eight hundred dollars.

On motion of Mr. Carr, this plan was approved, and the sum of \$1,800 was appropriated for this purpose, by the following vote: Ayes, Mr. Abbott, Mr. Carr, Mrs. Evans, Mrs. Henrotin, Mr. Hoit, Mr. Ward, Miss Watson; noes, none; absent, Mr. Blair, Mrs. Busey, Mr. Dunne, Mr. Small, Mr. Trevett.

11. A general plan has been approved by the board to construct a Horticulture Building on the site of the new fields assigned to horticulture east of Lincoln Avenue. If arrangements can be made without inconveniencing the Department of Horticulture, it seems likely that the present Horticulture Building east of the Armory might very properly be used as a building to store the equipment of

Battery F, to stable the horses, and to provide headquarters for the battery, if this building will be accepted by the Military Department of the State.

On motion of Mr. Hoit, the President of the University was authorized to utilize the present Horticulture Building for such purposes if satisfactory arrangements can be made for the interests now housed in it.

#### CHANGES IN DENTAL BUILDING.

(27) The following statement:

Owing to the unexpected increase in attendance in the freshman classes of the Colleges of Medicine and Dentistry, it will be necessary to make some additional provision for the Department of Anatomy. It is recommended that a suitable freight elevator be constructed in the Dental Building, and that a room for the storage of the cadavers be constructed in the basement of the building, and that some additional improvements be made in the dissecting room.

On motion of Mrs. Henrotin, this recommendation was approved and the sum of twenty-five hundred dollars, or so much thereof as may be necessary, was assigned for this purpose from the sum appropriated for the Colleges of Medicine and Dentistry.

#### DEPOSIT OF FREIGHT LOCOMOTIVE.

(28) The following letter from Dean W. F. M. Goss in regard to the deposit of a locomotive by the Illinois Central Railroad Company:

*December 13, 1915.*

*President Edmund J. James, University of Illinois.*

MY DEAR PRESIDENT JAMES: As a result of conferences between Mr. W. L. Park, Vice President of the Illinois Central Railroad Company, and Prof. Edward C. Schmidt of our Department of Railway Engineering, there has been deposited with the University of Illinois by the Illinois Central Railroad Company for such use as the University may care to make of it, a Mogul freight locomotive designated in the records of the railroad company as of the 401 class. The engine was selected from among those in service on the road, has since been put through their shops in order that it might reach our laboratory in first-class condition, and has now been received at the laboratory.

It is our purpose to have this locomotive serve in the routine work of the laboratory during intervals when for various reasons a modern engine may not be immediately available.

You will, I know, appreciate the fine spirit of cooperation which has been shown by Mr. Park in this matter.

Respectfully submitted,

W. F. M. Goss.

On motion of Mr. Carr, this was accepted and the thanks of the board were extended to Prof. Goss and Prof. Schmidt for their successful negotiations in this matter, and to Mr. W. L. Park, Vice President of the Illinois Central Railroad Company, and the other officials of the Illinois Central, for their action in this matter.

#### COMMITTEE ON EXTENSION OF THE COLLEGE OF ENGINEERING.

(29) A recommendation that the President of the University be authorized to appoint a committee to work out a general plan for the plant extension of the College of Engineering.

On motion of Mrs. Evans, this recommendation was concurred in.

#### COMMISSION ON CAMPUS PLANS.

(30) The following statement:

It seems very desirable that the board should make provision for a more systematic and thoro consideration of the Campus plans of the University. The board authorized the creation of a commission some time ago, of which Mr. Burnham was Chairman, and Messrs. Blackall, Zimmerman, and White were the other members. Mr. Burnham has since died, and Mr. Zimmerman has given place to Mr. Dibelka, the State Architect. The commission, therefore, has practically come to an end.

There are three general plans which may be followed in a comprehensive policy relating to this matter:

1. A commission of eminent architects may be appointed to consider such plans as may be referred to them by the Supervising Architect, or the State Architect, or others who might be interested, similar to the Burnham commission mentioned above.

2. A firm of competent architects may be employed to work out such plans, to be submitted to the Board of Trustees for their consideration.

3. A competition may be instituted, open to the architects of the world, for the most satisfactory plan.

All these plans have been followed by one or another of our American universities. The most successful one of the third type was that inaugurated by the University of California at a cost of two hundred and fifty thousand dollars, which sum was provided by a gift of Mrs. Hearst.

I think it is very desirable that the board should give early attention to this important matter. We must go ahead with our building. We cannot otherwise take care of the students who come to the University. On the other hand, there is at present no well defined plan which has been approved by the Board of Trustees for

insuring the best architectural and artistic results from the expenditure of the considerable sum of money which will go into buildings in the next generation.

No action was taken in this matter.

### APPOINTMENTS TO FILL VACANCIES.

The Secretary presented for record the following list of appointments made by President James:

Banks, M. F., Assistant in General Engineering Drawing, at a salary of eighty dollars (\$80) a month, beginning November 1, 1915, and continuing until June 30, 1916. (October 22, 1915.)\*

Barnes, Mary G., Assistant in the Seminar Libraries in Lincoln Hall, at a salary of sixty-five dollars (\$65) a month, beginning November 1, 1915, and continuing until August 31, 1916, subject to the rules of the Civil Service Commission. (October 22, 1915.)

Bartling, C. H., Instructor in Medicine, for the academic year 1915-16, without salary. (October 21, 1915.)

Beyer, O. S., First Assistant in Railway Engineering in the Engineering Experiment Station, with salary at the rate of one hundred sixty-six and two-thirds dollars (\$166.66 2/3) a month, beginning when he reports for duty and continuing until August 31, 1916. (November 30, 1915.)

Bles, V. A., Clinical Assistant in Neurology in the Dispensary, for the academic year 1915-16, without salary. (November 24, 1915.)

Boyd, Emma, General Assistant in the Library, at a salary of sixty-five dollars (\$65) a month, beginning October 4, 1915, and continuing until August 4, 1916, subject to the rules of the Civil Service Commission. (October 16, 1915.)

Coogan, Jane, Stenographer in the Department of Botany, at a salary of fifty dollars (\$50) a month, beginning October 25, 1915, and continuing until further notice, subject to the rules of the Civil Service Commission. (November 10, 1915.)

Cordell, Della G., Binding Assistant in the Library, at a salary of sixty-five dollars (\$65) a month, beginning September 17, 1915, and continuing until further notice, subject to the rules of the Civil Service Commission. (October 16, 1915.)

Crawford, R. A., Instructor in Medicine for the academic year 1915-16, without salary. (October 21, 1915.)

Day, Nelle, Stenographer in the State Water Survey, at a salary of fifty dollars (\$50) a month, beginning November 10, 1915, and continuing until further notice, subject to the rules of the Civil Service Commission. (November 22, 1915.)

Deveneau, G. A., Library Assistant in Agriculture, at a salary of eighty-three and one-third dollars (\$83.33 1/3) a month, beginning November 26, 1915, or as soon as he may report for duty, and continuing until August 31, 1916, subject to the rules of the Civil Service Commission. (November 26, 1915.)

Devine, Jeanette, Stenographer in the Registrar's Office, at a salary of fifty dollars (\$50) a month, beginning November 8, 1915, and continuing until further notice, subject to the rules of the Civil Service Commission. (November 13, 1915.)

Doyle, Katherine, Catalog Assistant in the Library, at a salary of sixty-five dollars (\$65) a month, beginning September 20, 1915, and continuing until further notice, subject to the rules of the Civil Service Commission. (October 16, 1915.)

Ellis, C. C., Clinical Assistant in Neurology, for the academic year 1915-16, without salary. (October 26, 1915.)

Featherston, J. E., Student Assistant in Pharmacology and Therapeutics, to give three hours service a week during the academic year 1915-16, with an honorarium of fifty dollars (\$50) for the year. (November 11, 1915.)

Fischer, Clement, Instructor in Surgery in the Dispensary, for the academic year 1915-16, without salary. (October 19, 1915.)

French, Bertram, Catalog Assistant in the Library, at a salary of sixty-five dollars (\$65) a month, beginning September 17, 1915, and continuing until further notice, subject to the rules of the Civil Service Commission. (October 16, 1915.)

Geiger, C. F., Assistant in Ceramic Engineering, on one-half time, at a salary of forty dollars (\$40) a month, beginning when he reports for duty and continuing until June 30, 1916. (November 10, 1915.)

Gift, L. H., Assistant Chief of the Division of Military Information, at a salary of four dollars (\$4) a month, for eight months, beginning October 1, 1915. (October 20, 1915.)

Hammitt, Susan, Stenographer in the Office of the Dean of the College of Liberal Arts and Sciences, at a salary of fifty dollars (\$50) a month, beginning September 22, 1915, and continuing until further notice, subject to the rules of the Civil Service Commission. (October 22, 1915.)

Hengstenberg, P. M., Technician in the College of Medicine, for nine months beginning October 1, 1915, at a salary of seventy-five dollars (\$75) a month. (October 22, 1915.)

Hughes, Mary, Library Clerk in the College of Medicine, at a salary of fifty dollars (\$50) a month, beginning September 1, 1915, and continuing until further notice, subject to the rules of the Civil Service Commission. (October 26, 1915.)

Hyatt, E. G., Laborer in the College of Medicine, at a salary of forty dollars (\$40) a month, beginning October 1, 1915, and continuing until further notice, but in no case beyond June 30, 1916, subject to the rules of the Civil Service Commission. (October 22, 1915.)

Lamkins, L. E., Chief of the Division of Military Information, for eight months beginning October 1, 1915, at a salary of ten dollars (\$10) a month. (October 20, 1915.)

\* The date in parenthesis is the date on which the appointment was made by the President of the University.

Lewis, J. T., Assistant Chief of the Division of Military Information, for eight months beginning October 1, 1915, at a salary of four dollars (\$4) a month. (October 20, 1915.)

Lichtenberger, Cleo, Catalog Assistant in the Library, at a salary of sixty-five dollars (\$65) a month, beginning September 20, 1915, and continuing until further notice, subject to the rules of the Civil Service Commission. (October 16, 1915.)

Loewe, G. M., Clinical Assistant in Genito-Urinary Surgery in the Dispensary, for the academic year 1915-16, without salary. (October 22, 1915.)

Martin, L. W., Student Assistant in Pharmacology and Therapeutics, to render three hours' service a week for the academic year 1915-16, with an honorarium of fifty dollars (\$50) for the year. (October 28, 1915.)

Meachum, Leola B., Typist in the Department of Dairy Husbandry and in the Office of the Dean of the College of Agriculture, at a salary of forty-five dollars (\$45) a month, beginning November 1, 1915, and continuing until further notice, subject to the rules of the Civil Service Commission. (November 3, 1915.)

Messer, Florence, Typist in the Department of Pharmacology in the College of Medicine, at a salary of forty dollars (\$40) a month, beginning October 11, 1915, and continuing until further notice, but in no case more than eight months, subject to the rules of the Civil Service Commission. (October 22, 1915.)

Mickle, F. L., Assistant Chemist in the State Water Survey, at a salary of seventy dollars (\$70) a month, beginning December 1, 1915, and continuing until further notice. (November 26, 1915.)

O'Neill, J. P., Clinical Assistant in Genito-Urinary Surgery in the Dispensary, for the academic year 1915-16, without salary. (October 26, 1915.)

Outland, L. C., Laborer in the Department of Chemistry in the College of Medicine, at a salary of forty dollars (\$40) a month, beginning November 1, 1915, and continuing until further notice, but in no case later than June 30, 1916, subject to the rules of the Civil Service Commission. (October 22, 1915.)

Parcelczyk, Joseph, Technician in Experimental Medicine, at a salary of forty-five dollars (\$45) a month, beginning November 24, 1915, and continuing until June 30, 1916, subject to giving continued satisfaction to the University authorities. (November 23, 1915.)

Peterson, Miss F. W., Typist in the Department of Chemistry in the College of Medicine, at a salary of forty dollars (\$40) a month, beginning October 12, 1915, and continuing until further notice, but in no case longer than eight months, subject to the rules of the Civil Service Commission. (October 22, 1915.)

Rang, C. K., Clerk in the Moot Court of the College of Law, for the academic year 1915-16, at a salary of fifty dollars (\$50) a semester. (October 22, 1915.)

Short, R. D., Student Assistant in Pharmacology and Therapeutics, to render three hours' service a week for the academic year 1915-16, with an honorarium of fifty dollars (\$50) for the year. (October 28, 1915.)

Sparks, Marian, Library Assistant in Chemistry, at a salary of seventy dollars (\$70) a month, beginning December 1, 1915, and continuing until further notice, but in no case beyond August 31, 1916, subject to the rules of the Civil Service Commission. (November 26, 1915.)

Stites, Katherine, Catalog Assistant in the Library, at a salary of sixty-five dollars (\$65) a month, beginning September 17, 1915, and continuing until further notice, subject to the rules of the Civil Service Commission. (October 16, 1915.)

Stolfa, Ladislav, Student Assistant in Pharmacology and Therapeutics, to render three hours' service a week for the academic year 1915-16, with an honorarium of fifty dollars (\$50) for the year. (October 28, 1915.)

Sutter, Rose J., Clinical Assistant in Ophthalmology in the Dispensary, for the academic year 1915-16, without salary. (October 21, 1915.)

Taylor, S. C., Assistant in Chemistry, for eight and one-half months beginning October 16, 1915, at a salary of eighty dollars (\$80) a month. (October 19, 1915.)

Theobald, W. H., Instructor in Laryngology, Rhinology, and Otology in the Dispensary, for the academic year 1915-16, without salary. (November 24, 1915.)

Vanderbeek, H. J., Labor Assistant in the Department of Mining Engineering, at a salary of seventy-five dollars (\$75) a month, beginning October 1, 1915, and continuing until further notice, subject to the rules of the Civil Service Commission. (October 16, 1915.)

Watkins, Rachel, Assistant in Neurology, for the academic year 1915-16, without salary. (October 12, 1915.)

Welch, P. B., Instructor in Medicine, for the academic year 1915-16, without salary. (October 21, 1915.)

Ziegler, Maurice, Bookkeeper in the Business Office, at a salary of seventy-five dollars (\$75) a month, beginning November 19, 1915, and continuing until further notice, subject to the rules of the Civil Service Commission. (November 23, 1915.)

The board adjourned.

W. L. ABBOTT, *President.*

H. E. CUNNINGHAM, *Secretary.*

## MEETING OF JANUARY 11, 1916.

A special meeting of the Board of Trustees of the University of Illinois was held at the Blackstone Hotel, in Chicago, on Tuesday, January 11, 1916, at 12 o'clock noon, pursuant to the following notice which was sent out by the Secretary on January 4, 1916:

On the call of the President, Mr. W. L. Abbott, there will be a special meeting of the Board of Trustees of the University of Illinois, at the Blackstone Hotel, in Chicago, on Tuesday, January 11, 1916, at 12 o'clock noon, to consider such matters as the committees of the board and the President of the University may submit, and such other matters as may be duly presented.

When the board convened, the following members were present: Mr. Abbott, Mrs. Busey, Mr. Carr, Mrs. Evans, Mr. Ward, Miss Watson.

President James was present.

As there was no quorum, the board adjourned.

W. L. ABBOTT, *President.*

H. E. CUNNINGHAM, *Secretary.*

## Meeting of the Executive Committee, January 11, 1916.

A meeting of the Executive Committee of the Board of Trustees of the University of Illinois was held at the Blackstone Hotel, in Chicago, on Tuesday, January 11, 1916, immediately following the meeting of the Board of Trustees on the same date.

Mr. Abbott, Chairman, and Mr. Carr, a member of the committee, were present; also Mrs. Busey, Mrs. Evans, Mr. Ward, and Miss Watson, members of the board.

President James was present, also, during a part of the afternoon, Judge O. A. Harker, Legal Counsel, and Prof. J. M. White, Supervising Architect.

### MATTERS PRESENTED BY THE PRESIDENT OF THE UNIVERSITY.

The committee proceeded to the consideration of the following matters presented by President James:

#### REVISED PLANS FOR EDUCATION BUILDING.

(1) Revised plans for the building for the School of Education.

Prof. White explained these plans.

No action was taken.

#### APPROPRIATION FOR CHEMISTRY LABORATORY.

(2) A request from the Supervising Architect for an additional appropriation of \$6,000 for the construction of the addition to the Chemistry Laboratory, and the reconstruction of the old part, to provide for instruction in the second semester.

On motion of Mr. Carr, this appropriation was made.

#### APPROPRIATION FOR VIVARIUM.

(3) A request from the Supervising Architect for the further appropriation of \$8,000 for equipment and furniture for the Vivarium. The board appropriated \$70,000 (June 15, 1915, page 302) for the building, but this year's budget carries only \$50,000, and it is now proposed to expend \$58,000 out of this year's funds.

On motion of Mr. Carr, this appropriation was made.

#### RUSH MEDICAL COLLEGE.

(4) Correspondence with Dr. Frank Billings, Dean of Rush Medical College.

On motion of Mr. Carr, and after the reading of this correspondence and of Judge Harker's opinion which follows, the reply of President James to Dr. Billings was approved.

(Dr. Billings to President James.)

December 22, 1915.

*President Edmund J. James, University of Illinois.*

DEAR PRESIDENT JAMES: I succeeded in having a resolution passed by the Board of Trustees of the College for the appointment of an official committee which will confer with you in reference to the proposed union of Rush Medical College with the University of Illinois.

The committee has just been appointed by President J. J. Glessner and consists of three of the trustees, Judge Jesse A. Baldwin, chairman, Charles L. Hutchinson, A. A. Sprague, 2d, and two members of the faculty, Dr. Arthur Dean Bevan and me. Mr. Glessner will act ex officio as member of the committee.

It is my desire to get at things at an early date and as a preliminary, will you please write me a letter making me as definite statements as you can upon the following points in reference to the University of Illinois:

*First*—The amount of money appropriated for the University Medical School for the biennium beginning July 1, 1915. In this to make a statement as to whether in addition to the money for the administration of the Medical School there is any additional sum for the purchase of ground and the erection of buildings in Chicago.

*Second*—The present organization of the University Medical School as to the appointment of permanent teachers and this to include not only the fundamental years, but also the clinical years. This second statement to include also the methods which you would follow for the appointment of a new faculty in the clinical departments.

*Third*—A statement as to the preliminary requirements of students admitted to medicine and this to include a statement as to the status of the students now in the Medical Department of the University.

*Fourth*—A statement as to the erection of Clinical Buildings in Chicago, should Rush Medical College be taken over by the University of Illinois.

*Fifth*—What action would be necessary on the part of the Board of Trustees of Rush Medical College in reference to the property of the school should Rush Medical College be taken over by the University.

*Sixth*—Please make statements as to the present faculty of Rush Medical College in the Clinical Department as to resignation from present positions and how you would propose to form a new clinical faculty.

*Seventh*—Please make a statement as to how the Presbyterian Hospital, the Home for Crippled Destitute Children, and other hospitals now affiliated with Rush Medical College would be connected with the University of Illinois in the event of a union of Rush Medical College with the University of Illinois. Would it be in the power of the Trustees of the University to make contracts with these affiliated hospitals and carry them on in the same way that we have done in past years?

Please add anything else that you may think essential points of consideration by the committee of Rush Medical College.

I have wondered whether the law in reference to the transfer of the property of Rush Medical College by the trustees to the University of Illinois would be in any way modified in the opinion of attorneys as to the legality of such transfer when it is known that the Rush Medical College holds a special charter from the State. As you know, the charter of Rush Medical College makes the Governor and Secretary of State ex officio members of the Board of Trustees and Rush Medical College is empowered to grant any degree whatever in addition to the medical degree. Probably the charter of Rush Medical College was granted by an act of the Legislature and in all probability the Legislature could enact a measure which would make the transfer of the property to the University legal.

Would you consult the Attorney General of the State in reference to this point? I should like to have an answer as early as possible because I believe that we should strike while the iron is hot.

Very sincerely yours,

FRANK BILLINGS.

(President James to Dr. Billings.)

URBANA, ILL., January 6, 1915.

*Dr. Frank Billings, 122 South Michigan Boulevard, Chicago.*

MY DEAR MR. BILLINGS: In answer to your letter of December 22, asking certain definite questions concerning the College of Medicine of the University of Illinois, I beg to make the following reply:

In answer to your first question I may say that the Legislature does not appropriate any money directly for the University College of Medicine, nor does it for any other single department of the University. The Trustees of the University approve from year to year a budget for the different colleges of the institution, and the annual report of the Comptroller shows the amount of money actually spent for different departments.

I have directed that the Comptroller should forward to you a copy of his report for the year ending June 30, 1915, and also for the year ending June 30, 1914. From these two reports you can get an accurate statement under the head of the Colleges of Medicine and Dentistry of the amount of money spent for these departments during those two years.

The Departments of Medicine and Dentistry are housed together in the same buildings, and the instruction to dental students in certain subjects is given in the same laboratories as to medical students. Thus there is a certain consolidation of accounts. According to the last report of the Comptroller—that for the year ending June 30, 1915 (see page 52, "The Disbursements for the Colleges of Medicine and Dentistry for the two years 1914-14 and 1914-15")—the sum of three hundred and sixty-eight thousand four hundred and seventeen dollars (\$368,417) in round numbers, was expended upon these two colleges. Of this sum, forty-six thousand nine hundred and eight dollars (\$46,908) were spent in the payment to the Chicago School Board of certain mortgages on the property owned by the University and used for its medical school, and in payment of interest on certain bonds secured

by mortgages on these buildings, leaving for the actual support of the schools the sum of three hundred and twenty-one thousand five hundred and nine dollars (\$321,509) for the biennium. Of this a considerable sum was expended, as you will see from the list on that page, for the equipment of the different departments.

Aside from these, the University of Illinois conducts a School of Pharmacy in the city of Chicago which is located at present at Twelfth Street and Michigan Avenue, but which will be transferred to a new site recently acquired at the southwest corner of Wood and Flournoy Streets on the east side of Cook County Hospital.

For the present year, from July 1, 1915, to June 30, 1916, the board appropriated on August 4, 1915, the sum of two hundred thousand dollars (\$200,000) for the support of the Colleges of Medicine and Dentistry, as you will see from the minutes of the Board of Trustees, page 540, sub-head 13, a copy of which I am sending you. I am also sending you a copy of the minutes of the Board of Trustees for September 27, 1915, in which, on pages 609 to 618, you will find an itemization of these budget funds. There is an unassigned balance which will be used in improving the equipment in the buildings.

In addition to this sum of two hundred thousand dollars (\$200,000) for the support of the Colleges of Medicine and Dentistry, the University appropriated the sum of twenty-five thousand dollars (\$25,000) in round numbers, for the support of the School of Pharmacy, and, as noted above, it has just purchased a site and buildings for the housing of the School of Pharmacy in the immediate neighborhood of the Cook County Hospital, at a cost of thirty-five thousand dollars (\$35,000) and has appropriated the sum of twenty-five thousand dollars (\$25,000) for reconstructing these buildings, and bringing them up to date in condition and equipment, so that the total appropriation for the present year for Medicine, Dentistry, and Pharmacy is two hundred and eighty-five thousand dollars (\$285,000).

The board has also voted to acquire a site and erect a Clinical Building for the use of the Clinical Departments of the College of Medicine. The site has, however, not been as yet acquired, nor have the plans been drawn up for the building.

In answer to your second question, I may say that the Board of Trustees have made indefinite, that is, permanent, appointments in the College of Medicine as follows: Dr. Albert C. Eycleshymer, Professor of Anatomy; Dr. David J. Davis, Director of the Laboratory of Experimental Medicine; Dr. George P. Dreyer, Professor of Physiology. The following have been appointed for the definite terms: Dr. William H. Welker, Assistant Professor of Physiological Chemistry; Dr. Victor E. Emmel, Assistant Professor of Anatomy; Dr. William H. Burmeister, part-time Assistant Professor of Pathology; Dr. Alfred O. Shaklee, Assistant Professor of Pharmacology; Dr. Bernard Fantus, part-time Professor of Pharmacology.

All other appointments in the College of Medicine, both in the Junior College and in the Senior College, are for one year, and the terms of all professors expire on or before August 31, 1916. Special notice has been given to each member of the clinical staff that, inasmuch as it will be necessary to reconstruct the faculty in the immediate future, owing to the decrease in the number of students, etc., all terms will expire at the end of the present academic year, as indicated above.

The Board of Trustees has been looking for a head for the Department of Pharmacology, and a head for the Department of Pathology, and as soon as satisfactory men are found, they will doubtless be put upon indefinite, that is, permanent, appointment.

The Trustees have also been looking for sometime for a Dean for the College of Medicine. When such a man is appointed, he will be expected to recommend suitable candidates for the clinical and other positions.

According to the by-laws of the Board of Trustees, the President of the University makes all nominations for positions under the board. If the Board of Trustees is not satisfied with his nominations, they ask him to make others.

The President of the University expects, in his turn, the Dean of the College to make nominations. If they are not satisfactory, the Dean is expected to make others, until a suitable faculty has been selected by common consent. The Dean is expected of course to consult heads of departments for nominations in their respective fields.

As to your third question, viz., requirements for admission, no students have been admitted either last year or the present year to the College of Medicine of the University of Illinois who have not completed two full years of college work including certain prescribed work in physics, chemistry, biology, French, and German, corresponding to the standard accepted by most of the first class medical schools in the country.

The students in the present junior class were admitted with one year of college work. Those in the senior class, with high school graduation.

The class graduating in June of the present year, 1916, is the last class with high-school requirement. The class of next year will have had one year of college work, and all after that two full years of college work.

The class graduating in June of the present year, 1916, is the last class with high-school requirement. The class of next year will have had one year of college work, and all after that two full years of college work.

In answer to your fourth question, I may say that if the Rush Medical College should become a part of the University of Illinois, I do not suppose it would be necessary to proceed immediately with the erection of a Clinical Building. The buildings which Rush Medical College has, plus those which the University of Illinois has, would, I should think, serve the purpose for the time being, though of course the Trustees would expect at an early date to proceed with the erection of a modern Clinical Building. The Trustees have been considering the Marquette School site, but the board of education of the city of Chicago is not yet ready



to vacate that site. They have tried to secure a portion of it for the Clinical Building, but did not succeed.

In answer to your fifth question, I think the only action which would be necessary on the part of the Board of Trustees of Rush Medical College in reference to the property of the school, would be to deed the entire property with all privileges, franchises, contracts, etc., to the Trustees of the University of Illinois. With this, of course, should go to the working contracts with the Presbyterian and other hospitals. I presume that after the Board of Trustees of Rush Medical College had deeded the property to the University they could practically close the corporation of Rush Medical College by resigning their positions as Trustees and giving up the charter.

In insisting on a complete passing of the property and privileges, I am only concerned to do what may be necessary in order to get adequate state support for the Medical Department. The University of Illinois could not, of course, spend any money on property or an enterprise which did not belong completely to the State.

In answer to your sixth question, in case the Trustees of the University of Illinois should take over Rush Medical College property, it would be necessary, I take it, for the resignations of the members of the present staff to accompany such action. This is the practical situation with the members of the present clinical staff of the University of Illinois.

I have indicated above the plan which will be pursued in forming a new clinical faculty; namely, I should nominate to the Board of Trustees of the University of Illinois a Dean of the Medical College, and on his appointment he would proceed to make nominations to me for the positions on the staff.

In answer to your seventh question, the Counsel of the University informs me that it is entirely within the power of the Board of Trustees of the University of Illinois to make contracts with the Presbyterian Hospital, the Home for Destitute Crippled Children, and other hospitals now affiliated with Rush Medical College, and carry them out in the same way in which Rush Medical College has been carrying them out in past years.

The powers of the Board of Trustees of the University of Illinois, as conferred by the law creating the institution, are very comprehensive, with full power to make contracts in furtherance of the purposes for which the University exists.

The question as to the method by which a corporation, organized not for profit, may pass out of existence has not, I presume, been decided by the Supreme Court of the State of Illinois; but in a somewhat similar case the Supreme Court of California held that it was perfectly proper and in harmony with the principles of public policy for a private institution to pass over to the State University its property for the uses for which the property was given to the corporation.

I should think that in deeding the property of Rush Medical College to the Trustees of Illinois, the statement should be made that inasmuch as the Trustees of the Rush Medical College desire to make more effective the purpose for which property has been given it and the corporation organized, namely, the promotion of medical research and education, they have decided to deed to the Trustees of the University of Illinois in trust, to use for the promotion of medical research and education, the property now owned by the corporation.

I may say further that in case the Trustees of Rush Medical College should pass over the property, franchises, contracts, etc., of Rush Medical College to the Trustees of the University of Illinois for the advance of medical education, I should be willing to recommend to the Trustees of the University of Illinois, that, in addition to the appropriations made for the support of the school at the present time, the sum of fifty thousand dollars (\$50,000) per annum be appropriated for the support of the work of the clinical years, and that this sum of fifty thousand dollars (\$50,000) per annum should be in addition to the sum received from fees of students in the junior and senior years of the Medical School.

I take it that the fees of students belonging to the junior and senior classes, would, in case of consolidation, amount to some thirty-five thousand dollars (\$35,000) per annum. To this would be added the sum of fifty thousand dollars (\$50,000) per annum, i. e., the income at five per cent on a million dollars.

I am also sure that this sum would be only a beginning. The University will surely develop its Medical School as it has its Schools of Agriculture and Engineering. In ten years the University of Illinois will be spending, in my opinion, a million dollars per annum on medical education and research.

I don't know that there is anything further that I could say which would be of interest or value, except that I should like to call attention to the fact that there is no doubt that the State, in the Mississippi Valley at any rate, will be the controlling feature in medical education and research. The State medical schools are destined to be, speaking generally, the great medical schools. There is a peculiar propriety in asking the State to support medical education and research, inasmuch as the chief benefit accrues to the members of society as a whole through the improving conditions of public health.

I believe that a union of Rush Medical College with the University of Illinois at the present time would promote in the most efficient way the advance of medical research and medical education in the city of Chicago, the State of Illinois, and the whole Mississippi Valley. By such a union, we could accomplish in the next five years in this important department of social effort more than can be accomplished in twenty-five years without such union.

Faithfully yours,

EDMUND J. JAMES.

**JUDGE HARKER'S OPINION.**

Judge Harker read the following opinion concerning the powers of the boards of trustees of Rush Medical College and of the University of Illinois in this matter.

**[STATEMENT.]**

On March 2, 1837, the Rush Medical College was organized with seventeen individual names constituting, as a body politic and corporate, the "Trustees of the Rush Medical College." The charter stated that the object of the corporation was to promote the general interests of medical education and to qualify young men to engage in the profession of medicine and surgery. The location of the college was fixed in Cook County. It was provided that in that corporate name the trustees mentioned and their successors should have perpetual succession. It was provided that vacancies occurring from resignation, death or dismissal should be filled by the remaining trustees.

The corporation was given power, "to make contracts; to sue and be sued; to plead and be impleaded; to grant and receive by its corporate name; to accept and acquire, purchase and sell, property, real, personal, or mixed, and in all lawful ways to use, employ, manage, dispose of such property, and all moneys belonging to the corporation, in such manner as should seem to the Trustees best adapted to promote the objects for which the corporation was formed." It was provided in case of donation, devise, or bequest, that the Trustees should accept the same and apply them in conformity with the conditions of the donor. Various amendments of the charter were made prior to the adoption of the present State Constitution, but they do not materially affect the question concerning which the President and the Board of Trustees of the University are interested.

The college has been in operation since its establishment under the special act mentioned. I am asked whether if the Trustees of Rush Medical College desire to transfer all of its property, real and personal, to the Board of Trustees of the University of Illinois, in consideration that the property be devoted to the interests of medical education, and that the works be carried on in Cook County as contemplated by the articles of incorporation, they can legally do so; the Board of Trustees of the University of Illinois being willing to accept the property and devote it to the purposes involved in the consideration. The questions submitted for consideration are—

1. May the Trustees of Rush Medical College legally make such transfer?
2. May the Board of Trustees of the University of Illinois legally accept the property and perform the trust involved?

**OPINION.**

The power of the Trustees of Rush Medical College to do this thing contemplated is not entirely free from doubt. The corporation is eleemosynary in character and exists by virtue of a special charter that could not be granted under our present State Constitution.

In obedience to the constitutional requirement that the General Assembly should provide by general law for the organization of corporations thereafter to be created, an act was passed in 1872 providing for corporate organizations and charters thru the office of the Secretary of State. They were divided into two general classes—corporations for pecuniary profit and corporations not for pecuniary profit. Many corporations then existing under special laws, passed before the adoption of the Constitution, continued to operate under the terms of their special charters. The Rush Medical College was so continued, although the Legislature in 1874 passed an act enabling colleges, academies and other institutions of learning which had been incorporated under special laws, to incorporate under the provisions of the general law of 1872. Under its special charter, it has received large donations, made, so I am advised, for the purpose of enabling it to carry on the educational work undertaken. It now owns an equipment and property which its Trustees may desire to transfer to the Board of Trustees of the University, under the belief that the purpose and mission of the college will thereby be more completely fulfilled. Have they the legal right to do so?

The question is a new one in Illinois. I am not advised that it, or one closely resembling it, has ever been presented to any of our courts. In one form or another, it has been considered in Massachusetts, South Carolina, Tennessee and California.

The President and Fellows of Harvard College desired to transfer to an organization, designated as the Society for Promoting Theological Education, certain funds which they held in trust for the benefit of a divinity school attached to Harvard College. They filed a bill in equity, praying for leave to make the transfer. As grounds for the prayer, it was alleged that it had become apparent to the complainants that the college and theological school could not be conveniently managed by one and the same corporation; that the exercise of the trusts of the public charity for a divinity school is in high degree inconsistent with and injurious to the due execution of another and prior trust vested in them as Trustees of the college; that the united management of the two institutions was also injurious to the divinity school, and that the Trustees of the college could not so acceptably fulfil the intents and purposes of the donors of that charity as the same might be fulfilled by other Trustees, and by a separate institution, wholly disconnected from the college.

But the Massachusetts Supreme Court held that a chancery court could not permit the withdrawal of funds given by individuals to the Corporation of Harvard College in trust for the promotion of theological education at the college and for the benefit of a divinity school attached to the college, and intrust them to an independent board of trustees, to be applied to the support of a divinity school not connected with the college. 3 Gray's Reports, 280. Opinion delivered in 1855.

"The Trustees of the Greenville Academies" was a South Carolina corporation owning lands and buildings, secured by private donation, where schools were successfully maintained for a number of years. But the establishment of a male academy at Greenville under the supervision of the Baptist Convention of South Carolina, with a staff of able and learned professors, so affected the attendance and patronage of the other institution as to make it apparent to a majority of the trustees that it could no longer be successfully conducted. To induce the Baptist Convention to locate a female seminary at Greenville, a majority of the trustees, over the objection and against the protest of a minority, proposed to transfer to the Baptist Convention the Academy lands "for the purpose of endowing a female college, on condition that the said Baptist Convention would forever keep up in the village of Greenville both a male and female school, where all the branches usually learned in a male and female academy shall be taught by competent and able teachers, and which shall be open to the whole community."

A petition for authority to make the transfer was accordingly presented to the court. It was vigorously opposed by a minority of the trustees. The court granted the petition and ordered the transfer, with the condition that the trusts declared in the deeds of the donors be executed by the substituted trustees. On appeal, the Court of Errors held that the transfer was legally allowable, but that an order of court allowing it was not necessary. The doctrine announced was in effect that if conditions were such that the academies could no longer be successfully conducted, the petitioners required no aid or authority from a court to make the transfer but could make it on their own motion, and that the act of a majority of the trustees in the matter was the act of the corporation. *Ex Parte, The Trustees of the Greenville Academies*, 7 S. C. Eq. Rep., 471. Opinion delivered in 1854.

The Grant Memorial University was a Tennessee corporation, which had received its property thru private donation. From lack of sufficient resources, it was unable to carry on its work satisfactorily. In 1892, it conveyed its property to the Freedman's Aid and Southern Educational Society, with the understanding that it would be conveyed by the grantee to the new U. S. Grant University, another educational corporation, whenever the latter should become financially able to carry on both schools. At the same time, the Grant Memorial University transferred its franchises, powers and privileges to the U. S. Grant University. Certain obligations were assumed at the time by the Freedman's Aid and Southern Educational Society and the U. S. Grant University, which it was afterwards claimed were not fulfilled. Accordingly, a bill was filed in the chancery court to enforce the contracts or, in the alternative, to cancel the contracts and have the property reconveyed and restored to the Grant Memorial University.

The court sustained a demurrer to the petition, holding that the Grant Memorial University was not entitled to a decree, either for the enforcement of the contracts or for a cancellation of them, and also that it was not entitled to a return of the property. On appeal, the Supreme Court of Tennessee held that where an educational corporation conveys and transfers its franchises, powers and privileges to another educational merger corporation, and conveys all its properties to an educational aid or auxiliary corporation, with the provision and agreement that the property is to be conveyed by the said auxiliary corporation to the educational merger corporation when it shall be financially able to operate and carry on the school, and upon its refunding to the auxiliary corporation the money expended in payment of its debts and delivers the possession of the property to the merger corporation, the conveying corporation, by such conveyance, worked a dissolution and terminated its existence, and could not maintain a suit for a return of the property.

It will be observed that the exact question presented here was not in issue when the case was being reviewed by the Supreme Court of Tennessee. It seems to have been conceded by counsel on both sides, and consequently by the court, that there was nothing wrong in the Grant Memorial University surrendering its property, franchises and privileges to another educational institution. The case is valuable only as indicating the views of counsels on both sides of that controversy.

The College of California, incorporated in 1855 as a College of Science and Letters, acquired by gift and purchase various tracts of land, and also receive quite a number of donations of money from individuals. The trustees of the college were desirous to establish and carry on a university adequate to the necessities of the state, but finding that they were unable to do so because of insufficient resources, and being desirous of inducing the state of California to establish a state university, in 1867 proposed to convey to the state 160 acres of land for a site for the state university. The legislature, in 1868, passed an act creating and organizing the University of California, to be located upon the 160 acres of land mentioned, and the land was conveyed to the state of California. The regents of the university took immediate possession of the 160 acres, which I may say is the present site of the University of California, and expended eight or nine thousand dollars in improving the land and preparing it for the buildings. Some question arose as to the power of the trustees of the College of California to make the conveyance. The regents suspended any more expenditures and a suit to quiet title was commenced in the superior court. A judgment was rendered sustaining the action of the trustees of the College of California, and confirming the title in the state. The case is in many respects like the one under consideration. The court held that, in the absence of any statutory authority for dissolution, the trustees had the right to dissolve and make such disposition of the property of the college as would enable the state to carry on a state university.

It will be seen that this opinion was delivered in 1869, eleven years after the decision in the Harvard College case. They are diametrically opposed on principle. There is perfect harmony between the courts of California and South Carolina on the question. The Harvard College case, so far as I am advised, is not supported by any other American decision. Of course it is impossible to express a decided opinion in the absence of a holding in our own State. It seems to me, however,

that the decision in the California case is sound, and would be followed by our Supreme Court should the question come before it.

No violence is done to the purpose of the original incorporators by a transfer of the property belonging to the Rush Medical College to the Board of Trustees of the University of Illinois. The object for which the corporation was created may be better conserved by this proposed action than for the college and its property to remain under the management of the Rush Medical College trustees. Neither does the proposed act do violence to the purpose for which donations were made to Rush Medical College. If the public interest are better subserved by dissolving this corporation and turning its property over to the Board of Trustees of the State University, that should be the controlling influence for a correct decision by our Supreme Court.

There is no doubt of the power of the Board of Trustees of the University to accept this property.

Respectfully submitted,

O. A. HARKER,  
*Legal Counsel University of Illinois.*

#### DESCRIPTION OF LOCOMOTIVE.

(5) A letter from Prof. Edward C. Schmidt, describing the locomotive recently deposited at the University by the Illinois Central Railroad Company:

URBANA, ILL., January 6, 1916.

*President E. J. James, Administration Building.*

MY DEAR PRESIDENT JAMES: Dr. Phelps has asked that I send you the following information concerning the locomotive which was recently placed on deposit at the University by the Illinois Central Railroad to be used for experimental purposes:

The locomotive was built by the Rogers Locomotive Works in 1893. The locomotive alone weighs 126,000 pounds, and its tender, 80,000 pounds, making a total weight of 206,000 pounds. The locomotive comes to us in excellent condition, and I should judge that the repairs which were made upon it immediately before it was delivered cost the Illinois Central road about \$2,000. In view of these facts, I believe that its present selling price may be very conservatively estimated at \$6,000.

Possibly the following additional data may also be of some use to you in this connection:

Type of locomotive—Mogul (2-6-0).

Diameter of cylinders—19 inches.

Stroke—26 inches.

Diameter of driving wheels—56½ inches.

Tractive force—23,300 pounds.

Total heating surface—1,532 square feet.

Grate area—26 square feet.

Very truly yours,

EDWARD C. SCHMIDT.

This letter was received for record.

#### ORDER FOR CHEMICAL APPARATUS.

(6) A request from Prof. W. A. Noyes, Director of the Chemistry Laboratory, endorsed by the Dean of the College of Liberal Arts and Sciences, for permission to place orders to an amount not to exceed \$10,000 for glassware, hardware, porcelain, rubber goods, and other supplies, to be delivered by September 1, 1916, and to be paid for from the appropriation for the Department of Chemistry for the fiscal year beginning July 1, 1916.

On motion of Mr. Carr, this purchase was authorized.

#### McKEY AND POAGUE'S BILLS FOR PHARMACY SITE.

(7) A letter from Alexander Prussing for McKey and Poague, relating to the purchase of certain property on South Wood Street by the University; also a letter from Alexander Prussing, for McKey and Poague, enclosing a statement of the account of the Board of Trustees with McKey and Poague in the matter of purchasing certain properties:

January 5, 1916.

*Hon. W. L. Abbott, 72 West Adams Street, Chicago.*

DEAR SIR: Pursuant to your instructions, we have filed for record today the deeds to 707 and 709 South Wood Street (Old Detention Hospital) and 701 to 705 South Wood Street (Jenner Medical College) and have given instructions to the Chicago Title and Trust Company to guarantee titles to the above described properties and to the Prehler property, 713 to 719 South Wood Street in the grantors the dates of record of the deeds from them to the Board of Trustees of the University of Illinois.

We have taken possession for you of the various properties and have notified all of the tenants of your ownership.

The guarantee policies should be completed by the 10th instant when we will render our account. All the buildings are insured against loss by fire.

Yours truly,

McKEY AND POAGUE.  
By ALEXANDER PRUSSING.  
January 11, 1916.

*Hon. W. L. Abbott, 72 West Adams Street, Chicago.*

DEAR SIR: Enclosed are statements [of] account [of] purchases of buildings and ground [at the] southeast corner [of] South Wood and Flournoy Streets which

we think explain themselves and which show a balance to our credit of \$121.99 for which we shall be pleased to have the remittance of the Board of Trustees of the University of Illinois.

Kindly advise to whom we shall deliver the title papers, insurance policies, and other documents which have come into our possession for you, and oblige.

Yours truly,

McKEY AND POAGUE.  
By ALEXANDER PRUSSING.  
January 11, 1916.

The Board of Trustees of the University of Illinois in account with McKey & Poague, Re Purchase of 701 to 705 South Wood Street, Chicago, being a 4-story and basement brick building situated on lots 14, 15, and 16 in Carpenter's Resubdivision of the west half of block 5 in Hadduck's Subdivision into blocks 4, 5, and 17 of that part of the east half of the southeast quarter of section 18, T. 39 N., R. 14 E. of Third Principal Meridian set off to said Hadduck by Superior Court.

Comptroller .....		\$16,100 00
Ogden Sheldon & Co.....	\$ 500 00	
Ogden Sheldon & Co.....	15,500 00	
McKey & Poague, commission.....	\$400 00	
McKey & Poague, from O. S. & Co.....	300 00	
	100 00	

L. E. Yeager & Co.—Premiums on fire insurance policies,  
5 years, to Jan. 5, 1921—

Hanover Fire Ins. Co. No. 51042, \$3,500.....	\$63 00
Home Ins. Co. No. 03425, \$3,500.....	63 00
Standard Ins. Co. No. 1083548, \$3,000.....	54 00
	180 00
Balance (debit) .....	180 00
	\$16,280 00
	\$16,280 00

January 11, 1916.

The Board of Trustees of the University of Illinois in account with McKey & Poague, Re Purchase of 709-711 South Wood Street, Chicago, being a 3-story and basement brick and stone front building situated on lots 12 and 13 in Carpenter's Resubdivision of the west half of block 5 in Hadduck's Subdivision into blocks 4, 5, and 17 of that part of the east half of the southeast quarter of section 18, T. 39 N., R. 14 E. of Third Principal Meridian, set off to said Hadduck by Superior Court.

Comptroller .....		\$9,240 00
Chicago Title & Trust Co. Receiver.....	\$ 500 00	
Chicago Title & Trust Co. Receiver.....	8,500 00	
McKey & Poague, commission.....	240 00	
	\$9,240 00	

Chicago Title & Trust Co. Receiver, premiums on fire insurance policies:

\$3,000 to May 14, 1916, Liverpool & London & Globe	
Ins. Co. No. 78004 (4½ months at 83 1/3 cents).....	3 75
\$2,000 to Oct. 2, 1916, Royal Ins. Co. No. 127501 (9	
months at 83 1/3 cents).....	7 50
Balance (debit) .....	11 25
	\$9,251 25
	\$9,251 25

The Board of Trustees of the University of Illinois in account with McKey & Poague, Re Purchase of 713-717-719 South Wood Street, Chicago, being three 2 story frame buildings and a frame barn in the rear of No. 719, situated on lots 9, 10, and 11 in Carpenter's Resubdivision of the west half of block 5 in Hadduck's Subdivision into blocks 4, 5, and 17 of that part of the east half of the southeast quarter of Section 18, T. 39 N., R. 14, E of Third Principal Meridian, set off to said Hadduck by Superior Court.

Comptroller .....		\$10,250 00
Adam Prehler .....	\$ 500 00	
Adam Prehler .....	9,500 00	
McKey & Poague, commission .....	250 00	
Adam Prehler, taxes 1915 .....		111 00
Water taxes to Jan. 1, 1916 .....		4 07
Rent, Louis Clark, first floor, 713 South Wood Street, \$10		
per month to Jan. 12, 1916 .....		5 00
Louis Clark, on account .....		3 00
Anna Molley, second floor, 713 South Wood Street, \$10 per		
month to Jan. 23, 1916 .....		10 00
Sidney Gordon, first floor, 717 South Wood Street, \$14 per		
month to Jan. 5, 1916 .....		2 30
Vacant, second floor, 717 South Wood Street .....		
Louis Goldberg, first floor, 719 South Wood Street, \$13.50		
per month to Jan. 11, 1916 .....		5 06
Louis Goldberg, to Jan. 31, 1916 .....		9 00
Mary Zimmer, second floor, 719 South Wood Street, \$9 per		
month to Jan. 16, 1916 .....		4 50
Nathan Foreman, barn rear 719 South Wood Street, \$4 per		
month to Jan. 31, 1916 .....		3 73

Adam Prehler, premiums on fire insurance policies—

713 South Wood, \$1,500 to March 25, 1918, Royal Insurance Company, No. 85124 .....	\$27 00
717 South Wood, \$1,500 to March 25, 1918, Royal Insurance Company, No. 85125 .....	33 75
719 South Wood, \$1,500 to March 25, 1918, Royal Insurance Company, No. 85126 .....	27 00

Total premium for term .....	\$87 75	
Premium unexpired (2 years, 2 months, 25 days) .....	\$39 25	
Chicago Title & Trust Company, guarantee policy No. 348470 (including other property) .....	49 15	
Balance (credit) .....	69 26	

\$10,407 66      \$10,407 66

On motion of Mr. Carr, the Comptroller was authorized and instructed to pay to McKey & Poague the balance of \$121.99 still due.

#### ENGINE PRESENTED TO MUSEUM.

(8) A letter from Mr. Samuel Insull, President of the Commonwealth Edison Company, to Dean W. F. M. Goss, announcing the presentation to the University by the Commonwealth Edison Company of a 600-horsepower vertical triple-expansion engine:

CHICAGO, ILL., December 20, 1915.

*Dean W. F. M. Goss, Dean of the College of Engineering, Urbana, Ill.*

MY DEAR DEAN GOSS: Learning of your purpose to establish at the University an Engineering Museum in which shall be preserved significant exhibits of machinery which in its day was typical of the highest development in its branch of the mechanical arts, and of your desire in furtherance of this purpose, to secure one of the old engine units from the Harrison Street Station of the Commonwealth Edison Company, I take pleasure in presenting to the University of Illinois, on behalf of this company, for this Museum, a vertical triple-expansion, engine, with its direct-connected generators and their equipment of transformers, regulators, etc.

This engine, which was one of ten similar units, has a normal rating of 600 horsepower and was built in the year 1893 by the Southwark Foundry and Machine Company, of Philadelphia, Pa. It was erected during the winter of 1893-4 in the above-mentioned power house of the then Chicago Edison Company.

Direct-connected to the engine, one on each side, were two 200-kilowatt, 150-volt direct-current generators, built by the General Electric Company. The Chicago Edison Company later replaced these generators with the present double-current machines, which were among the first of this type of generators built. The unit was put into service on August 1, 1894.

The large size and efficiency of its generating units (as these units were at that time regarded) made the Harrison Street Station quite celebrated for its modern equipment and great aggregation of power; but so rapid has been the increase in the size and efficiency of steam prime movers, accentuated in recent years by the advent of the steam turbine, that within ten years from the time these engines were put into service they passed out of use, because they were considered small, inefficient, and inadequate.

This equipment, of which a complete list accompanies this letter, will, at your request, be dismantled, crated, loaded free on board cars and shipped to you at Urbana, where it may, I hope, be of historical value in your Museum.

Yours truly,

SAMUEL INSULL, President.

On motion of Mr. Carr, this gift was accepted and the thanks of the board were extended to Mr. Insull and the Commonwealth Edison Company.

#### CHANGES IN DENTAL BUILDING.

(9) A request for a further assignment of \$1,500 from the appropriation for the College of Medicine and Dentistry to make certain changes and improvements in the dental building.

On motion of Mr. Carr, this appropriation was made.

#### PATENTS ON DISCOVERIES.

(10) A letter from Mr. C. W. Miles, of Cincinnati, Ohio, concerning the wisdom of taking out patents on discoveries made in University laboratories:

CINCINNATI, OHIO, December 31, 1915.

*Hon. E. J. James, President, University of Illinois, Urbana, Ill.*

DEAR SIR: My attention was called recently by a newspaper item to recent development in iron alloys having improved magnetic properties by your Engineering Experiment Station, which subject is of interest to me.

The article referred to further stated that no patents would be taken, but that the discovery would be given to the public, which is a law point that has interested me for some time past.

I have no personal interest as to whether this invention is patented or not, but my past experience and knowledge of manufacturing and commercial methods convinces me that you can not thus effectively donate discoveries to the public, that the real inventor of merit is in fact stepping aside to make room for a less worthy individual.

In my opinion the preferable course would be to protect such discoveries by patent, and thereafter license desirable parties, or those qualifying to produce the product properly, either with or without royalty, and thereby to employ the patent to exercise a supervision over the manufacture in the interests of the public in general, and protect the public against inferior product, and to attain other desirable results.

The late Prof. Robert Kennedy Duncan, of Pittsburgh, Pa., appears to me to have had a clear conception of the points involved in this subject, and I herewith attach a copy of a quotation which I find in my files taken from one of his works entitled "Chemical Problems of Today." It is my recollection that there is additional matter on this subject in his works.

I would therefore respectfully suggest that it might be well to carefully reconsider this matter before finally deciding not to obtain patents upon important developments in the arts.

Very truly yours,

C. W. MILES.

[Extract from "Some Chemical Problems of Today" by Robert Kennedy Duncan, Director of Industrial Research and Professor of Industrial Chemistry at the University of Pittsburgh and at the University of Kansas.—Harvard Bros., Pub. 1911.]

"It is not generally understood, as it should be, that the results of scientific investigation can go to the people only through the industrialists. We often hear it stated that some man eminent in science has 'given' his results to the people. This is, in nearly every instance, nonsense. No man can 'give' his results to the people. Take, for example, Roentgen's discovery of the X-rays, upon which, of course, he took out no patents. Did he 'give' these X-rays to the people? Not at all. The X-rays could go into medical practice only by the use of X-ray bulbs, and these X-ray bulbs were manufactured and improved by certain corporations, through whose factories they went to the people. These corporations, naturally and not at all improperly, placed on these X-ray bulbs all that that trade would bear. The fact that Roentgen, for example, took no money for his research simply added that much to the corporations concerned; his generosity did not make the slightest difference in what people paid. But let us understand that industrialists may come and industrialists may go, but that every new, significant fact hangs on forever, as a permanent gift to the human race in its struggle for that unknown goal toward which it is proceeding."

On motion of Mr. Carr, the President of the University was authorized to instruct Mr. Trygve D. Yensen to take out a patent on the discoveries recently made by him and to assign the patent to the University.

#### INCOME FROM SMITH FARMS.

(11) A letter from Prof. J. G. Mosier, concerning the income from the Smith farms:

January 8, 1916.

President E. J. James, University of Illinois.

MY DEAR PRESIDENT JAMES: I am sending you a statement of the Smith farms for the quarter ending December 31, 1915. Since the last statement, repairs have been made to the corn crib and one or two outbuildings on the St. Joseph farm, and 80 posts and 160 rods of barbed wire have been secured for the Ludlow farm.

The corn, with the exception of about 100 bushels, has been sold at the St. Joseph farm at 61 cents per bushel. The corn on the other farm is in the crib.

Very sincerely yours,

J. G. MOSIER.

#### EXPENSES AND RECEIPTS ON ACCOUNT OF SMITH FARMS, OCT. 1, 1915, TO JAN. 1, 1916.

##### EXPENSES.

<i>Howard-Ludlow Farm.</i>		
Barbed wire .....	\$ 6 00	
Posts .....	24 00	\$30 00
<i>Foltz-St. Joseph Farm.</i>		
Nails .....	\$ 2 60	
Lumber .....	25 21	
Alfred Cole, labor.....	17 50	45 31
<i>Arbuckle-Champaign Farm.</i>		
Russell Arbuckle, threshing oats .....		50 82
<i>General.</i>		
Home Telephone Company .....		10
Total expense .....	\$ 126 23	

##### RECEIPTS.

<i>Foltz-St. Joseph Farm.</i>		
1,889 bushels corn .....	1,152 29	
Pasture rent .....	100 00	
Total receipts .....	\$1,252 29	

This report was received for record.

**ASSISTANT PROFESSOR OF HOUSEHOLD SCIENCE.**

(12) A request for authority to appoint a successor to Dr. N. E. Goldthwaite, Assistant Professor of Household Science, at a salary not to exceed that paid Dr. Goldthwaite.

On motion of Mr. Carr, this authority was given to the President of the University.

**HEAD OF DEPARTMENT OF CERAMIC ENGINEERING.**

(13) A request for authority to appoint a Professor and head of the Department of Ceramic Engineering. We have not succeeded in finding a satisfactory man to fill the important position which Prof. Bleininger left vacant when he went to Washington. Prof. Bleininger returned to take charge of this work for the first semester of the present academic year, but has found it impossible to remain with the University longer.

On motion of Mr. Carr, this authority was granted.

**PROF. OLIVER'S LEAVE EXTENDED.**

(14) A request from the Belgium Relief Commission that the University give Prof. T. E. Oliver permission to remain for the rest of the academic year in the service of the commission. The commission states that his work is quite necessary and very satisfactory.

On motion of Mr. Carr, authority was given to the President of the University to extend Prof. Oliver's leave of absence until August 31, 1916.

**SUMMER GRADUATE WORK IN MEDICINE.**

(15) A request from the instructors in the Junior College of the College of Medicine for permission to offer during the summer advanced instruction in the subjects taught in the Junior College. They state that this can be done for no additional expense beyond the income from the student fees.

On motion of Mr. Carr, the President of the University was authorized to announce such instruction, and to take the necessary steps to organize the work.

**APPOINTMENTS TO FILL VACANCIES.**

The Secretary of the board presented for record the following list of appointments to fill vacancies made by President James:

Bates, Margaret M., Library Clerk in the College of Medicine, at a salary of fifty dollars (\$50) a month, beginning as soon as she reports for duty and continuing until further notice, subject to the rules of the Civil Service Commission. (January 8, 1916.)\*

Bauer, Clifford, Clerk in the Business Office, at a salary of forty-five dollars (\$45) a month, beginning December 7, 1915, and continuing until further notice, subject to the rules of the Civil Service Commission. (January 4, 1916.)

Ferguson, H. F., Assistant Engineer in the State Water Survey, at a salary of one hundred twenty-five dollars (\$125) a month for six months beginning January 1, 1915; this appointment superseding his former appointment at ninety dollars a month. (December 23, 1915.)

Harper, A. C., Instructor in Machine Design, at a salary of one hundred fifty dollars (\$150) a month for five months beginning February 1, 1915. (January 6, 1916.)

Hayes, Margaret L., University Stenographer, Rank II, in the Department of Mechanical Engineering, at a salary of fifty dollars (\$50) a month, beginning December 20, 1915, and continuing until further notice, subject to the rules of the Civil Service Commission; this appointment superseding her former appointment in the Library. (December 24, 1915.)

Hunt, O. L., Clerk and Messenger in the Registrar's Office, at a salary of forty dollars (\$40) a month, beginning December 1, 1915, and continuing until further notice, subject to the rules of the Civil Service Commission. (December 9, 1915.)

Luther, Ida, Stenographer in the Office of the School of Education, at a salary of fifty dollars (\$50) a month, beginning December 1, 1915, and continuing until further notice, subject to the rules of the Civil Service Commission. (December 9, 1915.)

McMillen, Mary B., University Stenographer, Rank II, in the Department of Agronomy, at a salary of sixty dollars (\$60) a month, beginning December 1, 1915, and continuing until further notice, subject to the rules of the Civil Service Commission, this appointment superseding her previous appointment at fifty dollars a month. (December 9, 1915.)

Rogers, Sophie, Graduate Assistant in Psychology for five months ending January 30, 1916, at a stipend of fifty dollars (\$50) a month; this appointment superseding her previous appointment at thirty-five dollars a month. (December 16, 1915.)

Ruehl, Henrietta, Assistant in the Office of the Senior Dean of the College of Medicine and Assistant Nurse in the Dispensary, at a salary of sixty dollars (\$60)

\* The date in parenthesis is the date on which the appointment was made by the President of the University.



a month, beginning December 1, 1915, and continuing until further notice, subject to the rules of the Civil Service Commission. (November 30, 1915.)

Sawyer, Lester E., Storekeeper in the Business Office, at a salary of sixty dollars (\$60) a month, beginning December 16, 1915, and continuing until further notice, subject to the rules of the Civil Service Commission. (January 4, 1916.)

Schnellbach, J. F., Assistant Engineer in the State Water Survey, at a salary of one hundred dollars (\$100) a month, for six months beginning January 1, 1916; this appointment superseding his previous appointment at seventy-five dollars a month. (December 23, 1915.)

Shulters, J. R., Assistant in Romance Languages, for five months beginning February 1, 1916, at a salary of eighty dollars (\$80) a month. (December 22, 1915.)

Sperry, J. A., to make Bacteriological Examinations for students and Civil Service employees, at a compensation of twenty-five dollars (\$25) a month, beginning November 1, 1915, and continuing until further notice. (January 4, 1916.)

The Executive Committee adjourned.

W. L. ABBOTT, *Chairman*.

H. E. CUNNINGHAM, *Clerk*.

## MEETING OF FEBRUARY 8, 1916.

A special meeting of the Board of Trustees of the University of Illinois was held at the Blackstone Hotel, in the city of Chicago, at 12 o'clock noon, on Tuesday, February 8, 1916, pursuant to the following notice which was sent out by the Secretary on January 31, 1916:

On the call of the President, Mr. W. L. Abbott, there will be a special meeting of the Board of Trustees of the University of Illinois at the Blackstone Hotel in Chicago, on Tuesday, February 8, 1916, at 12 o'clock noon, to consider such matters as the committees of the board and the President of the University may submit, and such other matters as may be duly presented.

When the board convened, the following members were present: President Abbott, Mr. Carr, Mrs. Evans, Mrs. Henrotin, Mr. Hoit, Mr. Small, Miss Watson.

President James was present; also Prof. J. M. White, Supervising Architect, and, during a part of the afternoon, Dr. T. W. Brophy, Dean of the Chicago College of Dental Surgery.

### MINUTES APPROVED.

The Secretary presented the minutes of the meetings of the Executive Committee held on October 30, 1915, and January 11, 1916, and of the meetings of the board held on December 14, 1915, and January 11, 1916. On motion of Mrs. Henrotin, the minutes were approved and received for record as printed on pages 858 to 882, inclusive.

### MATTERS SUBMITTED BY THE PRESIDENT OF THE UNIVERSITY.

The board proceeded to the consideration of the following matters submitted by President James:

#### CHICAGO COLLEGE OF DENTAL SURGERY.

(1) A request from the Dean of the Chicago College of Dental Surgery for information concerning the terms on which a union of this college with the University might be effected.

Dr. Brophy, the Dean of the College, who was present, made a statement concerning the College and retired.

On motion of Mrs. Henrotin, this matter was referred to the President of the board, the President of the University, and the Committee on the College of Medicine for investigation and report.

#### MILITARY TRAINING IN LAND GRANT COLLEGES.

(2) A draft of a proposed address before the Committee on Military Affairs of the House of Representatives of the United States, concerning the development of military training at the land-grant colleges.

On motion of Mr. Small, the President of the University was authorized to present this address in the name of the board.

#### LEAVE OF ABSENCE FOR PROF. S. P. SHERMAN.

(3) A request from Prof. S. P. Sherman, of the Department of English, approved by Dean K. C. Babcock, for leave of absence on half pay for the academic year 1916-17, for the purpose of continuing his studies and completing certain literary work.

On motion of Miss Watson, the President of the University was authorized to grant this request, provided satisfactory arrangements are made for Prof. Sherman's work during his absence.

#### LEAVE OF ABSENCE FOR PROF. A. S. PEASE.

(4) A request from Prof. A. S. Pease, of the Department of the Classics, approved by Dean K. C. Babcock, for leave of absence on half pay for the academic year 1916-17, for the purpose of continuing his studies and completing certain literary work.

On motion of Mrs. Henrotin, the President of the University was authorized to grant this request, provided satisfactory arrangements are made for Prof. Pease's work during his absence.

#### READJUSTMENT OF PROF. BAGLEY'S WORK.

(5) A request from Prof. W. C. Bagley, Director of the School of Education, for a readjustment of his work and salary during the second semester of the present academic year, similar to the arrangement which was made last year, whereby he may be released from the undergraduate work and some of the routine details of the office, but may continue as head of the Department of Education, directing its policy and carrying on his regular work with graduate students; and in view of this readjustment relinquish half of his salary for the second semester of the present academic year, amounting to \$1,375.

On motion of Mr. Carr, authority was given to the President of the University to make such a readjustment.

#### TESTS OF CAR WHEELS.

(6) A letter from Dean W. F. M. Goss, enclosing a proposal from the Association of Manufacturers of Chilled Car Wheels to cooperate with the Engineering Experiment Station in the study of the proper design of such wheels; and also a letter from George W. Lyndon, President of the Association, approving the plan:

January 22, 1916.

*President Edmund J. James, University of Illinois.*

MY DEAR PRESIDENT JAMES: Progress in the art of railroading is continually developing new questions affecting the weight and the contour of chilled iron car wheels. Changing methods in manufacture also operate to affect the strength of such wheels. The importance of securing proper design and proper methods of manufacture for such wheels may be judged by the fact that there are now in operation in this country approximately twenty million freight-car wheels, and that the demand for renewals alone involves the manufacture of not less than two and one-half million wheels a year.

With these facts in mind, the Association of Manufacturers of Chilled Car Wheels, as represented by Mr. George W. Lyndon, President and Treasurer, has agreed to cooperate with the Engineering Experiment Station in a study of questions fundamental to the proper design of such wheels. To this end the association has set apart a considerable sum of money for the use of the Engineering Experiment Station under the following conditions:

1. That the Engineering Experiment Station will undertake an investigation concerning the stresses and behavior of chilled iron car wheels under prescribed conditions, the details of the work to be determined by the Station in conference with the Association's Consulting Engineer, Mr. F. K. Vial.

That all results secured from such an investigation shall be the property of the Experiment Station. They may be published as Station bulletins or otherwise, as from time to time may be determined by the Director. Prior to any publication, however, the intention of the Director shall be formally communicated to the Association of Manufacturers of Chilled Car Wheels in order that said association may at all times be informed as to the purpose of the Station. The results also shall at all times be open to the inspection of the representatives of the Association of Manufacturers of Chilled Car Wheels, who may be assumed to act in an advisory capacity to the Station.

3. That the funds of the Association of Manufacturers of Chilled Car Wheels are to be drawn on for all costs of labor and supplies arising from the proposed investigation. If equipment is required in excess of that already available to the Station, it will be provided at the expense of the association. The Station will supply the time of members of its staff for the direction of the work, and the use of such facilities as it may already possess.

4. That on the approval of these proposals the Association of Manufacturers of Chilled Car Wheels will at once transmit to the business office of the University the sum of \$500 as an initial deposit, and each month thereafter will transmit such sum or sums as may be called for by estimate of the costs of the investigation for the month next succeeding. Funds thus supplied are to constitute a credit on which the Director of the Engineering Experiment Station may from time to time draw to cover the costs of the proposed work. It will be the purpose to maintain, during the lifetime of this agreement, a balance in this account entirely sufficient to meet all charges that will need to be made against it.

5. That this arrangement will continue in effect until cancelled through the definite action of one or both of the parties in interest.

The Association of Manufacturers of Chilled Car Wheels has been influenced in making its proposal through its appreciation of the contributions already made by the Engineering Experiment Station in the field of railway equipment. Work already done by our Department of Railway Engineering and by our Department of Theoretical and Applied Mechanics constitutes the foundation for that which is now proposed. Prof. Talbot and Prof. Schmidt are already in touch with the problem, and its fuller development will be under their general direction. The cooperation proposed guarantees to the Station the strongest possible assistance in the development of an investigation of great importance to the public weal.

This statement as formulated has been accepted by Mr. George W. Lyndon, President of the Association of Manufacturers of Chilled Car Wheels, as certified to by his letter to me submitted herewith.

I hope that you also will approve the arrangement.

I have the honor to be

Very truly yours,

W. F. M. Goss.

January 26, 1916.

Dean W. F. M. Goss, University of Illinois.

MY DEAR DEAN GOSS: I have received and have very carefully studied the draft of your letter to your President, Mr. Edmund Janes James, under date of January 22, and am pleased to advise that the arrangement as contained therein is entirely satisfactory.

Permit me to assure you of our hearty cooperation, and in passing may I say that I am strongly of the belief that the results will justify the work involved and prove of mutual benefit to your University, our association, and the public at large.

I am very glad indeed to enclose you herewith the check of the association for \$500 for the purpose of preliminary expenses, in compliance with paragraph four of the agreement referred to.

Very sincerely yours,

GEO. W. LYNDON, President.

On motion of Mr. Carr, this plan of cooperation was approved and the President of the University was authorized to make such provisions as may be necessary to carry it out.

#### REMOVAL OF FRAME HOUSES ON PHARMACY LOT.

(7) A request for permission to make certain repairs on the building belonging to the University at 713 South Wood Street in Chicago.

On motion of Mrs. Henrotin, in view of the fact that the three small houses on the lots recently purchased for the School of Pharmacy are in bad state to repair and it would cost more to repair them than it would be worth, the Supervising Architect was instructed to remove the buildings from the lots either by selling the houses as they are, for purposes of removal, or by wrecking them, as may seem best, as soon as present leases permit.

#### TESTS OF ILLINOIS COALS.

(8) A letter from the Dean of the College of Engineering concerning a proposed arrangement for cooperation between Mr. A. T. Hert of Louisville, Ky., as represented by Mr. E. B. Fulks of Chicago, and the Engineering Experiment Station, for the purpose of investigating the behavior of Illinois coal under certain predetermined conditions.

January 13, 1916.

President Edmund J. James, University of Illinois.

MY DEAR PRESIDENT JAMES: Under date of October 13, 1915, I submitted a progress report concerning a proposed cooperative arrangement which was then under consideration by the Engineering Experiment Station and certain outside interests. (See Minutes of the Board of Trustees for October 14, 1915, page 854.) I am now able to present a full statement to the proposal, which is as follows:

For several years the Engineering Experiment Station, through the activities of Prof. S. W. Parr, has concerned itself with the behavior of Illinois coal under predetermined conditions. The coking of coal at low temperatures and the properties of the by-products resulting from coking are matters which have been subjects of extensive experimental study. These investigations have been in the nature of pioneer work, and the results have attracted wide attention among coal operators and the representatives of by-product industries.

Prof. Parr's experiments thus far have dealt with comparatively small quantities of materials, and accepting the limitations which have thus been imposed, his work has reached a conclusion. He has, however, been anxious to continue his investigations by the use of apparatus sufficiently extensive to permit determinations on a commercial basis, but it has not seemed practicable for the Engineering Experiment Station to supply the funds necessary for such a process.

In view of these facts, it is with the greatest satisfaction I announce the completion of a cooperative arrangement, whereby the funds necessary for a continuance of Prof. Parr's work are to be supplied.

Mr. A. T. Hert of Louisville, as represented by Mr. E. B. Fulks of Chicago, has agreed to act as the cooperating agency. The purpose is to install at the University a plant of sufficient size to permit the attainment of desired results, and to operate the plant thus installed in a series of experiments, the extent of which cannot now be determined. This work is to proceed under the following conditions:

1. That the Engineering Experiment Station will undertake to provide a site for the installation of the plant, and will direct in all matters concerning its installation and the subsequent experiments which are to be conducted in connection therewith, acting at all times in conference with representatives of Mr. A. T. Hert, who thus far have been designated as Mr. E. B. Fulks, Mr. A. L. Kuehn, and Mr. F. Puening, who are Mr. Hert's advisers on all technical matters.

2. That all results secured from such an investigation shall be the property of the Engineering Experiment Station. They may be published as Station bulletins or otherwise, as from time to time may be determined by the Director. The results also shall at all times be open to the inspection and use of the representatives of Mr. Hert, who may be assumed to act in an advisory capacity to the Station.

3. That the funds to be supplied by Mr. Hert are to be drawn on for all costs of labor and supplies arising from the proposed investigation. Such equipment as may be required in excess of that now available to the Station is to be provided at Mr. Hert's expense. The Station will supply the time of members of its staff for the direction of the work, and the use of such facilities as it may already possess.

4. That Mr. Hert will at once cause to be transmitted to the business office of the University the sum of \$500 as an initial deposit, and each month thereafter

will cause to be transmitted such sum or sums as may be called for by estimates of the cost of the investigation for the month next succeeding. Funds thus supplied are to constitute a credit on which the Director of the Engineering Experiment Station may from time to time draw to cover the costs of the proposed work. It will be the purpose to maintain during the lifetime of this agreement a balance in this account of approximately \$500. Reports of expenditures and of the condition of the account will be made to Mr. Hert from time to time.

5. That this agreement is to continue in effect until cancelled through the definite action of one or both of the parties in interest.

This statement as formulated has the approval of Prof. Parr and has been accepted by Mr. E. B. Fulks, acting for Mr. A. T. Hert, as will appear from the accompanying letter.

I hope that you also will approve the arrangement.

I have the honor to be,

Very truly yours,

W. F. M. Goss.

January 21, 1916.

*Professor W. F. M. Goss, Dean of the College of Engineering.*

MY DEAR PROFESSOR GOSS: I am in receipt of your letter of January 18 enclosing a copy of a draft of a letter which you propose sending to President James, outlining the plan of our proposed experimental work.

This outline meets entirely with my approval, since it describes exactly what we agreed on during our recent visit with you.

I am advised that already a check for \$500 as first payment has been sent to the University through Prof. Parr.

Very truly yours,

E. B. FULKS, *Vice President.*

On motion of Mr. Carr, this plan of cooperation was approved and the President of the University was authorized to make such arrangements as may be necessary to carry out the plan.

#### CIVIL SERVICE EXAMINATIONS.

(9) A letter from the Dean of the College of Agriculture protesting against the extent to which the State Civil Service Commission is calling on members of the Agricultural College staff to prepare papers for civil service examinations and to correct the papers of candidates written in answer to those questions.

No action was taken in this matter.

#### FIELD EXPENSES IN AGRONOMY.

(10) A letter from the Dean of the College of Agriculture transmitting one from Dr. Cyril G. Hopkins describing the method of determining the personal expenses of field parties engaged in the soil survey.

January 13, 1916.

*President E. J. James, University of Illinois.*

MY DEAR MR. PRESIDENT: I am sending for information and record in the President's office the enclosed communication from Dr. Hopkins, head of the Agronomy Department. He states briefly the outcome of a general conference held in my office on the subject of personal expenses of field parties, and while it was the general opinion of the conference that no change in practise should be recommended, yet it seemed to me extremely important that a record should be made of the fact that the whole matter has been seriously canvassed and of the reasons for continuing the present practise. From what I know of the matter I am convinced that this present practise is, all things considered, the cheapest and the best, though I feel it is important that there should be on record in our administrative offices sufficient statements to show that the matter has been seriously considered and that we have not drifted into loose methods of doing business.

We maintain the general principle that every man employed by the University must have a headquarters somewhere, and kept up at his own expense. In the case of men who are continuously in the field, they maintain such headquarters at outside points such as Carbondale, Dixon, etc. Men on the soil survey represent a peculiar class, being a part of the time at the University and a part of the time away. You will see by Dr. Hopkins' statement that in practise they find it necessary to maintain some kind of headquarters here continuously, and while they doubtless profit financially by having their expenses paid while in the field, it is also true that these expenses are very moderate, can easily be checked up between parties, and if we should require them to pay these expenses themselves as if they were here we should then create an injustice unless we correspondingly raised their salary. All things considered, therefore, it seems best to continue the present practise, which is both economical, comfortable, and safe, being careful to place upon our records from time to time the reasons for so doing. It is with this thought in mind that this letter is forwarded to your office.

Very truly yours,

E. DAVENPORT.

January 10, 1916.

*Doctor Eugene Davenport, Director Agricultural Experiment Station.*

DEAR DEAN DAVENPORT: In accordance with our recent conversation, following a conference attended by most of the men holding the more responsible positions in the Agronomy Department, at which you were able to be present only part of the time, I am writing you in order to furnish you more complete information in regard to the expenses of our field men, especially in connection with the soil survey.

As is the general custom of the University, the traveling and living expenses of our soil survey men have been paid, except when they are located at the University during the winter season. The fact that the soil survey men have been obliged to move frequently, holding their headquarters, as a rule, at one place only from a few days to perhaps two or three weeks, has rendered any other procedure apparently out of consideration. Even when they have maintained headquarters at one place for three or four weeks or possibly longer, they have often found it necessary to stay over night occasionally at other points in order to avoid driving too great distances.

Two conditions have arisen which I think should be called to your attention, although I doubt if they should modify our practise, unless there should seem to be some administrative reason for so doing.

First, we have found that it is more economical and entirely feasible to substitute automobiles almost entirely for horse livery. This is in part owing to the increasing cost and difficulty of securing horse livery, in part to the decreasing efficiency of the horse liveries which we are able to secure, and, in part, to the reduced cost for the purchase and maintenance of automobiles. In many places the taxi or automobile livery has almost entirely replaced the horse liveries not only in the larger cities but even in the country towns. For the field season of 1914 we made considerable use of automobile liveries, which were hired in place of horse liveries, and, in the beginning of our field work in 1915, we purchased two Ford touring cars, the final net cost of which was \$460 each. These proved so satisfactory that later in the season we purchased three additional cars at the same price so that all of our five soil survey parties have been provided with Ford cars. Even if we allow \$200 depreciation on each machine during the season, the expense of livery was reduced from about \$2,550 to \$1,585, thus making a saving of nearly a thousand dollars. Probably the expense for operation, repairs, etc., will be greater the second season than the first, but it seems also probable that \$200 is more than we shall need to allow for depreciation. In addition to this direct saving, we also save on the time of the men in the field, because they can travel to and from their work so much more quickly in the automobiles than with horse livery, even tho they are able to work a larger area without moving headquarters. Even the frequent moving of headquarters from one place to another involves considerable loss of time.

With the use of automobiles we now maintain headquarters at one point sometimes for three months or more, and this might suggest that we should modify our practise and expect the men to pay their own living expenses while so long located at one point. I find, however, that it is a regular custom for all of our more responsible soil survey men to maintain a home in Champaign or Urbana. Even the unmarried men find it necessary to rent a room thruout the year in order to have place to leave their personal effects which they cannot take with them on the soil survey, and a place to live not only during the winter season but sometimes when they are called in or kept at the University for teaching or other purposes more or less at different times during the summer season. Thus, some of our soil survey men work in the field only during the three summer months, while others may work from April 1 to September, others from June to December 1, and still others during the entire field season. I should like to emphasize the fact that our field parties seem to strive conscientiously to keep their living expenses at the minimum, consistent with living in decent and cleanly places, having wholesome food, which is necessary not only to enable them to do the work but also to preserve good health. As a general average, the living expenses amount to \$9 a week per man. This includes lodging and board, but it does not include laundry, an item which we have never included in such expenses. I find that the corresponding living expenses for single men employed at the University is about \$7 a week, so that, counting the average full field season, the annual financial saving to the men in the field is about \$150 in comparison with those employed continuously at the University. In other words, on this basis, the field men should be able to save \$150 more during the year than laboratory men receiving the same salary. However, there are other considerations, which in the judgment of Prof. Mosier, myself, and others most familiar with the work, probably fully counterbalance this apparent advantage. Thus, the men at the University normally work eight hours a day with four hours on Saturday, while the soil survey men normally work ten hours a day, including Saturday, and, as an average, they also work at least an hour each evening in copying field notes, transferring soil maps, making reports, etc. The field men are much exposed and I am convinced that they endeavor conscientiously to use their time to the best advantage for the sake of the work. As a rule they work in parties of four. Although more or less scattered during the day, they will meet at least by twos at lunch time, and the four will regularly be together at night, in order to compare and check up the work accomplished. I also find that men who have had experience in our soil survey work but who are now employed continuously at the University prefer to remain at the University rather than to go back into the field work, even with the possibility of saving \$150 more from the year's employment. I do not mean that the soil survey men are dissatisfied with their work, but I believe that the present remuneration is about as satisfactorily balanced as it could well be.

The second point grows out of the fact that some of our soil survey men have married, and in some cases they find it possible and most satisfactory to arrange to do light housekeeping at the headquarters of the party, even though they remain there only a few months. I feel that such arrangements are by no means objectionable but rather to be encouraged, for it permits some sort of approach to home life. However, it complicates somewhat the financial accounts, in that in such instances the man boards with his wife and the only method we have found of handling the matter is to ask him to take a receipt from his wife and turn it in as a subvoucher exactly the same as though he were boarding at a hotel. It may even

be arranged that the entire party of four men boards with the wife of one of them, and this may be altogether the most satisfactory arrangement which it is possible to make and highly approved by every man in the party. Under such conditions they can arrange to have their breakfasts as early as they desire in the morning, and, if they return later than usual after the day's work, they still find supper waiting for them, which is not always the case at public eating houses in small towns. It may be kept in mind that we have four or five soil survey parties that work in different parts of the State, and of course comparisons are always possible in regard to the expenses of these different parties. It is safe to say that such arrangements for light housekeeping by the young married men tend to increase efficiency with no increase in expense.

We have considered a number of other possible methods of handling the finances in connection with the expenses of the soil survey men, but we are convinced that no other method would prove so satisfactory or so economical. In all cases, the head man of the soil survey party is made responsible for all expenses incurred, which we believe tends towards both efficiency and harmony because it concentrates authority and responsibility upon the most experienced and mature men of the party.

Unless there is some administrative objection, we shall continue to follow the general plan as outlined above.

Very truly yours,

CYRIL G. HOPKINS.

This report was received for record.

#### FEES FOR GRADUATE WORK IN MEDICINE.

(11) A statement that unless the board should direct otherwise, the fees for the graduate work in medicine in Chicago during the summer session should be fixed at the same rate as in other departments of the Graduate School.

No action was taken in this matter.

#### TESTS OF RAILWAY FUELS.

(12) A letter from the Dean of the College of Engineering concerning a proposed cooperation between the Engineering Experiment Station and the International Railway Fuel Association:

February 1, 1916.

*President Edmund J. James, University of Illinois.*

MY DEAR PRESIDENT JAMES: The Department of Railway Engineering under the direction of Prof. E. C. Schmidt has proposed to utilize its Locomotive Laboratory in a research to determine the relative values of different grades of Illinois coal when used in locomotive service. I believe that the proposed research is an important one, and I have already approved the proposal as an activity which may properly be undertaken under the auspices of the Engineering Experiment Station.

The International Railway Fuel Association as represented by its Executive Committee and by its Secretary, Mr. C. G. Hall, in conference with Prof. Schmidt, has agreed to cooperate with him in the work which he has proposed. A formal statement of their proposal is set forth in a letter transmitted to Prof. Schmidt by the secretary of the association, Mr. C. G. Hall, under date of January 19, 1916, which is as follows:

"Referring to your letter January 14,

"At a meeting of our Executive Committee at Hotel Sherman, Monday, January 17, a resolution was passed instructing the Secretary to write you to the effect that the International Railway Fuel Association wishes to cooperate with the Engineering Experiment Station of the University of Illinois in carrying out an investigation of the relative value of various grades of coal from the same mine for locomotive service.

"It was further resolved that in expectation that the University of Illinois shall make this part of its research work, same to be extensive and thoro, the International Railway Fuel Association will continue in the future to cooperate with the University so far as it may be possible in carrying on this work.

"That it is the intention of the International Railway Fuel Association at this time to contribute or provide

(a) \$1,450 already subscribed;

(b) A locomotive;

(c) Such additional funds as may be procured or appropriated by the association;

(d) As many observers up to the number of seven as may be procured from various railways in order that the program already laid down by our committee in charge of fuel tests may be proceeded with immediately.

"Our executive committee has authorized the secretary to say that the coal for the immediate tests will be drawn from one of the coal districts of the State of Illinois.

"We trust that the University will consider this proposition favorably and I will be pleased to have you write me outlining the manner in which the University will cooperate with us in this work."

You will note that this proposal on the part of the International Railway Fuel Association is to aid the University in pushing more rapidly than it could otherwise do, an investigation, the general character of which has already been deemed suitable as an Engineering Experiment Station activity, and to place the investigation on a higher plane than the University unaided could do, by supplying a locomotive especially suited to the purposes of the research.

The Engineering Experiment Station reserves all its rights. The results obtained will be the property of the Station and will be available for publication as Station bulletins or otherwise, as may from time to time be determined. The

Engineering Experiment Station will, however, aid the association in the preparation for its proceedings of such a report of the cooperative work as may be mutually agreed to by Prof. Schmidt and Secretary Hall.

On the receipt of assurances that these several proposals are satisfactory, the International Railway Fuel Association will make available for the purpose of the proposed work such funds as it now has in hand and such other funds as it may hereafter collect for this purpose. These funds will be handled through the business office of the University, subject to the usual procedure of that office.

The delegation of observers from several railways in Chicago to aid in this work in the Locomotive Laboratory is a matter that will be arranged directly by Prof. Schmidt in conference with the secretary of the association.

I recommend that this cooperative arrangement be approved.

I have the honor to be,

Very truly yours,

W. F. M. Goss.

On motion of Mr. Hoyt, this plan was approved.

#### RESIGNATION OF PROF. L. A. HARDING.

(13) A statement that the resignation of Prof. L. A. Harding, Professor of Experimental Mechanical Engineering, had been accepted, to be effective February 7, 1916. Prof. Harding found that certain outside interests demanded his attention to such an extent that he felt it would be unfair to attempt to carry on his University work and give them attention also.

This statement was received for record.

#### SMITH MUSIC BUILDING.

(14) A letter from Capt. Thomas J. Smith concerning the erection of the building for the School of Music, and requesting an opportunity to meet with the board on the occasion of their next meeting in Urbana.

It was voted that Capt. Smith be invited to meet with the board at the annual meeting in Urbana (March 14, 1916).

#### POWER TO SELL OR MORTGAGE SMITH LANDS.

(15) An opinion by the Legal Counsel of the University as to the power of the University to sell or mortgage the land given by Capt. Thomas J. Smith for the purpose of securing the erection of a building to house the musical interests of the University:

*January 29, 1916.*

*President Edmund J. James, University of Illinois.*

DEAR PRESIDENT JAMES: In reply to your request concerning the disposition of the lands conveyed by Capt. Smith to the Board of Trustees, I am pleased to report as follows:

#### POWER TO SELL.

There is no doubt about the power of the Board of Trustees to sell this land and devote the proceeds to the purposes contemplated by the grant of Capt. Smith. It would have no power to sell the land and divert the proceeds to some other purpose without first having used an appropriation from money obtained from some other sources for the erection of a Music Building. The power to convey the land now and use the proceeds for that purpose, or to use the money from some other fund in the erection of a Music Building and then sell the lands for the purpose of reimbursing that fund may be exercised without first obtaining authority from the Legislature.

#### POWER TO MORTGAGE.

The clause contained in the first section of the organic act, that "The Board of Trustees of the Illinois Industrial University shall be a body corporate and politic, and by that name and style shall have perpetual succession, have power to contract and be contracted with, to sue and be sued, to plead and be impleaded, to acquire, hold, and convey real and personal property" is sufficiently broad in my opinion to authorize the Trustees to mortgage the lands obtained from Capt. Smith, provided the purpose of making the mortgage is to raise funds out of which to erect the Music Building. The resolution authorizing the mortgage to be made should specifically declare that the purpose is to use the money borrowed toward the erection of the Music Building, and to avoid any danger of future complications, I should advise that the fund, when obtained, be kept distinct from other funds, and checked out only as the building is being constructed. I think, too, it would be wise to have the resolution prefaced by a "Whereas," reciting the fact that Capt. Smith has made conveyance as a gift, etc.

Respectfully submitted,

O. A. HARKER, *Legal Counsel.*

This statement was received for record.

#### LEAVE OF ABSENCE FOR MR. J. S. TOMLINSON.

(16) A request from Mr. J. S. Tomlinson, Cashier in the College of Medicine, for leave of absence for one year, without salary. Mr. Tomlinson has found it necessary to go south for his health. The Civil Service Commission has agreed to permit the Trustees to grant this leave of absence.

On motion of Miss Watson, this leave of absence was granted.

#### COLLEGE PLACE LOTS.

(17) A letter from Miss Fanny B. Sherfy, of Champaign, asking for information concerning the possible purchase of lots in College Place by the University.



This land is bounded on the west by First Street, on the north by Armory Avenue, and on the east by Fourth Street. Miss Sherry states that various rumors about the possible utilization of these lots by the University make it difficult to sell the lots.

No action was taken in this matter.

#### ORDERS FOR BOOKS FOR THE LIBRARY.

(18) A request from Mr. P. L. Windsor, Director of the University Library, for authority to place orders immediately for the purchase of books for the University Library to be delivered after July 1, 1916, at a cost of not more than sixteen thousand dollars, the amount to be charged against the book appropriation for the fiscal year 1916-17, and that similar authority be given for the purchase of books for the Library of the College of Medicine at a cost of not more than one thousand dollars, this amount to be charged against the medical appropriation for the fiscal year 1916-17. This is a request similar to one approved by the board during 1914 and also in 1915. It is necessary to give these orders now if we hope to have the books on hand for use next year.

On motion of Mrs. Evans, this request was granted. The vote was as follows: Ayes, Mr. Abbott, Mr. Carr, Mrs. Evans, Mrs. Henrotin, Mr. Hoit, Mr. Small, Miss Watson; noes, none; absent, Mr. Blair, Mrs. Busey, Mr. Dunne, Mr. Trevett, Mr. Ward.

#### BUILDING PROGRAM AND POLICY.

(19) A statement calling attention to the fact that if the proposed changes in the building for the School of Education should be carried out, it would mean that the board would spend much more in the construction of this building than it had been planning to do, and that inasmuch as our funds are strictly limited this would mean that certain very necessary additional building schemes would have to be postponed. It is very desirable, indeed necessary, that the Natural History Building be completed at the earliest possible date so as to provide proper accommodations for the Department of Botany and the other departments in the building which are steadily increasing. It is also necessary to make certain important changes in the engineering plant amounting altogether to upwards of one hundred thousand dollars, and it is difficult to see where these funds are coming from if we undertake to expend such a large additional sum on the School of Education during the present biennium or the next biennium.

The pressing items in the College of Engineering Building budget are:

(a) Reconstruction and rearrangement of the equipment of the Mechanical Engineering Laboratory at an estimated cost of \$30,000.

(b) A temporary building for an Industrial Museum. We are likely to get some very important gifts for our Industrial Museum during the present year and the coming year in addition to those we have already received and for which we must provide some housing. It will cost \$10,000 or more to meet this need.

(c) The completion of the Transportation Building at an estimated cost of \$33,000.

(d) An extension of the Mining Engineering Laboratory by the construction of an additional wing at an estimated cost of \$15,000.

The pressure for additional space in our Department of Architecture is very great and this can only be satisfied by making the additions suggested above so as to take care of the Mechanical Engineering and other departments by certain comprehensive readjustments of space.

No action was taken in this matter.

#### REPAIRS ON PHARMACY BUILDINGS.

(20) A recommendation that the sum of fifteen thousand dollars be appropriated for the necessary repairs to the buildings recently purchased at the corner of South Wood and Flournoy Streets in Chicago, to make them available for use by the School of Pharmacy.

On motion of Mrs. Evans, this appropriation was made. The vote was as follows: Ayes, Mr. Abbott, Mr. Carr, Mrs. Evans, Mrs. Henrotin, Mr. Hoit, Mr. Small, Miss Watson; noes, none; absent, Mr. Blair, Mrs. Busey, Mr. Dunne, Mr. Trevett, Mr. Ward.

#### DOCUMENTS PERTAINING TO THE PHARMACY LOTS.

(21) A list of documents filed with the Secretary of the board pertaining to the lots recently purchased in Chicago at the corner of South Wood and Flournoy Streets:

"List of Documents pertaining to Lots in Chicago Purchased for School of Pharmacy, University of Illinois, December, 1915.

P 1—DEED: Adam Prehler to the Board of Trustees of the University of Illinois, for lots 9, 10, and 11 in Carpenter's resubdivision of the west half of block 5 in Haddock's subdivision into blocks 4, 5, and 17 of that part of the east half of the southeast quarter of section 18, township 39 north, range 14 east of the Third Principal Meridian set off to said Haddock in partition of said tract by order of Superior Court of Chicago, July 7, 1859, in Cook County, Illinois.—Dated December 27, 1915. No. 5778849; book 13716; page 169.

P 2—WARRANTY DEED: Chicago Title and Trust Company, as receiver of Chicago Hoemopathic Hospital, to the Board of Trustees of the University of Illinois, for lots 12, 13, and the south one and three-twelfths feet of lot 14 in the resubdi-

vision of the west half of block 5, in the assessor's division of the east half of the southeast quarter of section 18, township 39 north, range 14 east of the Third Principal Meridian, in Cook County, Illinois.—Dated December 30, 1915. No. 5781561; book 13671; page 323.

P 3—SPECIAL WARRANTY DEED: William O. and Josephine Green to the Board of Trustees of the University of Illinois, for lots 14, 15, and 16, in Carpenter's resubdivision of the west half of block 5 in assessor's division of the east half of the southeast quarter of section 18, township 39 north, range 14 east of the Third Principal Meridian.—Dated December 30, 1915. No. 5781703; book 13671; page 328.

P 3a—MASTER'S DEED: Wirt E. Humphrey, Master in Chancery of the Superior Court of Cook County, to William O. Green, for lots numbered 14, 15, and 16 in Carpenter's resubdivision of the west half of block number 5 in assessor's division of the east half of the southeast quarter of section 18, township No. 39 north, range 14 east of the Third Principal Meridian, together with the rents, issues, and profits thereof, and all buildings and improvements on said premises or on any part thereof.—Dated December 24, 1915. No. 5781702; book 13569; page 357.

P 4—TITLE GUARANTEE POLICY No. 348470. From the Chicago Title and Trust Company to the Board of Trustees of the University of Illinois, for lots 9 to 16 inclusive in Carpenter's resubdivision of the west half of block 5 in Hadduck's subdivision into blocks 4, 5, and 17 of that part of the east half of the southeast quarter of section 18, township 39 north, range 14 east of the Third Principal Meridian, set off to said Hadduck in partition of said tract by order of Superior Court of Chicago, July 7, 1859, in Cook County, Illinois.—Dated January 5, 1916.—amount \$35,000.

P 5—ABSTRACT OF TITLE to lots 14, 15, and 16 in Carpenter's resubdivision of the west half of block 5 in the assessor's division in section 18/39/14, Cook County, Illinois.—Dated (last entry) September 13, 1913.

P 6—WARRANTY DEED: Albert D. and May B. Gibbs to Adam Prehler, for lots 9 and 10 in the resubdivision of the west half of block 5 of the assessor's division of the east half of the southeast quarter of section 18, township 39 north, range 14 east of the Third Principal Meridian.—Dated March 11, 1905.

P 7—WARRANTY DEED: Melanie Nifnecker and Emil Nifnecker to Adam Prehler, for lot 11 in Carpenter's resubdivision of the west half of block 5 in Hadduck's subdivision into blocks 4, 5, and 17 of that part of east half of the southeast quarter of section 18, township 39 north, range 14 east of the Third Principal Meridian, set off to said Hadduck in partition of said tract by order of Superior Court of Chicago, July 7, 1859, in Cook County, Illinois.—Dated November 24, 1905.

P 8—DEED OF TRUST: Chicago Homeopathic Hospital to Samuel J. Lumbard. Lots numbered 12 and 13 and the south 1 3/12 feet of lot 14 in Carpenter's resubdivision of the west half of the block 5 in the assessor's division of the east half of the southeast quarter of section 18, township 39 north, range 14 east of the Third Principal Meridian, situated in the county of Cook, in the State of Illinois.—Amount of encumbrance named, \$6,500; accompanied by four notes for \$500 each and one note for \$4,500.—Dated March 26, 1908; released by deed, December 30, 1915.

P 8a 1, 2, 3, 4—THREE NOTES, each for \$500, and one note for \$4,500, Chicago Homeopathic Hospital to its own order at the office of Samuel J. Lumbard. Dated March 26, 1908. Terms 2, 3, and 4 years respectively for the \$500 notes, and 5 years for the \$4,500 note. Interest at 6 per cent. Each note cancelled and marked "Paid, December 30, 1915."

P 9—DEED OF TRUST: Chicago Homeopathic Hospital to Jeanette Lacy. Lots 12 and 13 and the south 1 3/12 feet of lot 14 in Carpenter's resubdivision of the west half of block 5 in the assessor's division of the east half of the southeast quarter of section 18, township 39 north, range 14 east of the Third Principal Meridian, subject, however, to a trust deed dated March 26, 1908, and recorded March 30, 1908, as document no. 4879468 to Samuel J. Lumbard to secure an indebtedness of \$6,500.—Dated April 13, 1911; amount \$6,500; accompanied by thirteen promissory notes each for \$500 and one note for \$100, all enumerated in the deed; term, 7 years, with interest at 3 per cent payable annually and 3 per cent after maturity. Perforated "Canceled."

P 9a 1-14 (incl.)—THIRTEEN NOTES each for \$500 and one for \$100 as enumerated in Document P 9 above. Each perforated "Canceled."

P 10 a, b, c—RECEIPTS, water supply, lots 713, 717, 719 South Wood Street, semi-annual period May 1, 1915, to November 1, 1915; net amounts \$2.63, \$3.94, and \$5.63 (less .37) each perforated "Paid."

P 11 a, b, c—BILLS from McKey & Poague for purchase of 701-705, 709-711, and 713-717-719 South Wood Street respectively, being the properties deeded in Documents P 1, P 2, and P 3. Dated January 11, 1916; amounts \$16,280, \$9,251.25, and \$10,407.66 respectively.

P 12 a, b, c—LETTERS from McKey & Poague and copy of affidavits of President Abbott concerning the exemption of above properties from taxation. Affidavits endorsed with receipt, January 17, 1916, by M. K. Sheridan, Secretary."

#### SUMMER SESSION SALARY BUDGET.

(22) The salary budget for the Summer Session of 1916, carrying with it an assignment of twenty-three thousand two hundred and twenty-five dollars:

#### Department and name.

<b>Agriculture.</b>	
Nolan, Aretas W., Assistant Professor.....	\$300 00
Burlison, William L., Associate Professor.....	200 00
Eckblaw, Karl J. T., Associate.....	225 00
Colby, Arthur S., Assistant.....	200 00
Bull, Sleeter, Associate .....	125 00

Department and name.	
Gusler, Gilbert, Associate .....	\$125 00
Roberts, Elmer, Instructor .....	75 00
Total .....	\$1,250 00
<b>Art and Design.</b>	
Lake, Edward J., Assistant Professor.....	300 00
Total .....	\$300 00
<b>Botany.</b>	
Stevens, Frank L., Professor.....	500 00
Beach, Walter S., Assistant.....	150 00
Total .....	\$650 00
<b>Chemistry.</b>	
Balke, Clarence W., Professor.....	500 00
Derick, Clarence G., Assistant Professor.....	350 00
Beal, George D., Associate.....	250 00
Hopkins, B. S., Associate.....	250 00
Lewis, Howard B., Associate.....	250 00
Sears, George W., Instructor.....	225 00
Hecker, Charles H., Instructor.....	225 00
Johnson, Laurence C., Instructor.....	225 00
Engle, E. W., Instructor.....	200 00
Rowland, Floyd E., Assistant.....	100 00
Total .....	\$2,575 00
<b>Classics.</b>	
Oldfather, William A., Professor.....	400 00
Canter, Howard V., Assistant Professor.....	300 00
Total .....	\$700 00
<b>Economics.</b>	
Litman, Simon, Assistant Professor.....	300 00
Thompson, Charles M., Associate.....	300 00
Scovill, Hiram T., Instructor.....	225 00
Stewart, Charles L., Instructor.....	225 00
Total .....	\$1,050 00
<b>Education.</b>	
Johnston, Charles H., Professor.....	500 00
Whipple, Guy M., Professor.....	500 00
Hoke, Kremer J.....	500 00
Miller, Wilford S., Assistant.....	400 00
Rhoton, A. L.....	225 00
	100 00
	275 00
Total .....	\$2,500 00
<b>English.</b>	
Upham, Alfred H., Professor.....	500 00
Paul, Harry G., Assistant Professor.....	300 00
Jones, Harry S. V., Assistant Professor.....	300 00
Woolbert, Charles H., Associate.....	250 00
Boyer, Clarence V., Associate.....	250 00
Hillebrand, Harold N., Instructor.....	225 00
Tieje, Ralph E., Instructor.....	112 50
Sutcliffe, Emerson G., Assistant.....	112 50
Total .....	\$2,050 00
<b>Entomology.</b>	
	450 00
Total .....	\$450 00
<b>French.</b>	
Carnahan, David H., Associate Professor.....	100 00
Moore, Olin H., Associate.....	250 00
Carry, Charles S., Assistant.....	150 00
Total .....	\$500 00
<b>German.</b>	
Bloomfield, Leonard, Assistant Professor.....	300 00
Gillet, Joseph E., Associate.....	250 00
Green, Alexander, Instructor.....	225 00
Puckett, Hugh W., Instructor.....	225 00
Kline, Earl K., Instructor.....	225 00
Total .....	\$1,225 00

## Department and name.

<b>History.</b>	
Anderson, Frank M., Professor (see Political Science).....	\$300 00
Laprade, William T., Professor.....	350 00
Cole, Arthur C., Associate.....	250 00
Total .....	\$900 00
<b>Household Science.</b>	
MacKinnon, Jean .....	250 00
Hope, Leona .....	225 00
Fleming, Georgia .....	225 00
Total .....	\$700 00
<b>Manual Training.</b>	
Park, Joseph C., Director Industrial Education, Oswego State Normal School, Oswego, N. Y.....	400 00
Griffin, Fred .....	250 00
Duncan, James M., Assistant.....	150 00
Total .....	\$800 00
<b>Mathematics.</b>	
Townsend, Edgar J., Professor.....	500 00
Crathorne, Arthur R., Associate.....	250 00
Chittenden, Edward W., Instructor.....	225 00
Frery, Hobart D., Assistant.....	150 00
Total .....	\$1,125 00
<b>Mechanics, Theoretical and Applied.</b>	
Ensign, Newton E., Associate.....	250 00
Seely, Fred B., Associate.....	250 00
Vallance, Alex, Instructor.....	225 00
Total .....	\$725 00
<b>Music.</b>	
Erb, John L., Director, School of Music.....	500 00
.....	150 00
Total .....	\$650 00
<b>Physical Training (Men—for six weeks service).</b>	
Huff, George A.....	375 00
Gill, Harry L.....	300 00
Jones, Ralph R.....	300 00
Zuppke, Robert C.....	300 00
Mauthe, O. C., Director of Physical Education, Stout Institute, Menomonie, Wis.....	300 00
Fargo, Roy N., Director Men's Gymnasium.....	225 00
Glimstedt, Olaf H., Assistant.....	150 00
Traveling expenses for Mr. Mauthe.....	50 00
Total .....	\$2,000 00
<b>Physical Training (Women).</b>	
Brooks, Verna, Instructor.....	225 00
Total .....	\$225 00
<b>Physics.</b>	
Knipp, Charles T., Assistant Professor.....	400 00
Williams, Elmer H., Associate.....	250 00
Warner, Earl H., Assistant.....	200 00
Bayley, Paul L., Assistant.....	150 00
Frazel, Charles S., Assistant.....	100 00
Booth, H. T.....	100 00
Total .....	\$1,200 00
<b>Political Science.</b>	
Mathews, John M., Assistant Professor.....	300 00
Anderson, Frank M., Professor (see History).....	200 00
Total .....	\$500 00
<b>Sociology.</b>	
Lichtenberger, James P., Professor.....	500 00
Total .....	\$500 00
<b>Spanish.</b>	
Laguardia, Cincinnati J. B., Assistant.....	200 00
Total .....	\$200 00
<b>Zoology.</b>	
Shelford, Victor E., Assistant Professor.....	300 00
Instructor or 2 Assistants at \$75 each.....	150 00
Total .....	\$450 00
Total .....	\$23,225 00

On motion of Mrs. Henrotin, this budget was approved.

At this point, President Abbott, being called from the room, requested Mrs. Evans to preside over the meeting.

#### POLICY OF DISPENSING WITH GENERAL CONTRACTORS.

(23) A letter from the Supervising Architect enclosing a report prepared by Mr. L. J. Towne arguing in favor of dispensing with general contractors on our building work.

February 5, 1916.

President E. J. James, University of Illinois.

DEAR SIR: I am enclosing a report prepared by Mr. Towne which is his argument for our dispensing with general contractors on our building work. It seems to me that this matter is of enough importance to present to the Board of Trustees for their opinion.

Yours truly,

JAMES M. WHITE, Supervising Architect.

January 31, 1916.

Prof. J. M. White, Supervising Architect.

DEAR SIR: I am of the opinion that the time has come for the University to take over the work of the general contractor in the construction of University buildings, and I wish to present a few facts in support of this position.

As you are aware, there is a definite movement in this direction among architects in this country, for reasons which I will attempt to present below. You are also aware that there has been a tendency on our part during the last three years to take over more and more of the responsibility for the building construction until we now have on the Chemistry Building six, and on the Ceramics Building seven contractors in addition to the general contractor.

Table I, attached, shows the proportion of the total cost of the last four buildings constructed on the Campus executed by the general contractor's own forces, first, including material furnished by him, and second, exclusive of such material. You will note that only 40 per cent of the total cost of the buildings in general is borne by the general contractor himself, including material furnished by him, and only 16½ per cent exclusive of such material. This is presented simply to indicate that the change proposed would not affect a very large proportion of the total cost of the building.

The following are in brief the main arguments for the elimination of the general contractor:

1. The general contract method of construction is undoubtedly a survival of former conditions not now obtaining, when it was customary for one contractor to execute almost all of the work in connection with the building with his own forces. At the present time, due to the high degree of specialization which exists in various building trades, there have arisen many capable contractors dealing only with certain branches of building work, until even the general contractors have come to realize in a great many cases that they can sublet work at a profit to subcontractors. This has resulted in their gradually dropping off various parts of the work until at the present time only the masonry and carpentry work is commonly executed by the general contractor's own forces.

2. The elimination of the general contractor gives the architect a greater flexibility in the development of his plans and specifications for the building. The awarding of a general contract makes it necessary to plan in advance to the minutest detail work which will not be executed for months after the awarding of the contract, which often does not allow sufficient time for the proper study of the design. Then after a change is proposed after awarding the contract, it is usually impossible to get an adjustment of the cost favorable to the owner. It is also necessary to attempt to determine in advance, by securing advice from the contractors or otherwise, the relative cost of alternate methods of construction. This we sometimes attempt to obviate by the taking of alternate bids, but I think we are all agreed that such alternate bids are very difficult to secure in such a way that they can be used advantageously. Where the architects can let subcontracts for the various branches of the work bids can be taken directly on different types of construction and contracts can be let as the work proceeds, allowing additional time for the study of details of finish which will not be required during the first months of construction.

3. The plan proposed will give a better and much more direct control of various trades working in a building than where such control has to be obtained through the general contractor. In talking with subcontractors, it is their universal statement to me that they would much prefer to deal directly with the architect than with the general contractor. In fact, even at present, a great deal of the work of our superintendent on a building is done directly with the subcontractors. Some time ago, I determined that owing to the fact that the responsibility was entirely with the general contractor we ought not to do this, but ought to take up all matters directly through him. We started out on this policy but I find that we are gradually working back to the other method because of its manifestly greater efficiency. At the same time it often causes difficulty in adjusting matters with the general contractor.

4. The University is much better able to finance a piece of construction work than the average contractor. Payments to subcontractors can be made frequently and promptly, thereby relieving them from interests charges which are often a very heavy item to a small contractor. Material bills can be discounted promptly.

5. There are certain financial savings inherent in this matter of executing work, as follows:

- (1) By splitting the work up among the larger number of contractors, the necessity for a bond from any one contractor is considerably reduced and dis-

cretion can be used in requiring or not requiring same, at a considerable saving, amounting at a maximum to 1 per cent of the general contract.

(2) The general contractor's overhead expense amounting to 3 per cent to 5 per cent is eliminated as well as profit amounting to 5 per cent to 10 per cent.

This saving is partly offset by whatever increase in the architect's overhead expense is made necessary to handle the larger number of contractors. In the case of our organization I do not believe such an increase would exceed 2 per cent of the cost of the building.

The following are the main arguments against the elimination of the general contractor:

1. Such a method makes the total cost of a building a little more uncertain at the outset than under the present method, because of the fact that it is undesirable to take bids on all branches of the work at the same time, or to hold up the earlier parts of construction work until plans and specifications can be prepared for all details of finish.

Referring again to Table I, it is evident that the total of the variable item, namely, the general contractor's labor cost, is only about 16½ per cent of the total cost of the building, assuming that we can estimate the cost of materials as accurately as he can. It is therefore evident that so far as the total cost of the building is concerned, the variable items can be estimated with sufficient accuracy, although this may involve the addition of an experienced estimator to our force at certain times in the year.

2. There is a possibility of our having difficulty in finding responsible subcontractors for masonry and carpentry work. So far as I know, there is only one local mason contractor, and one local carpenter contractor, with whom we would care to deal on University work. However, there are in Indianapolis, Danville, Decatur, Peoria, etc., firms which would be glad of any opportunity to figure on these independent branches with the further possibility that the local general contractors might be willing to take one or more branches at the exclusion of the remainder.

3. The execution of construction work by the method outlined undoubtedly requires a higher grade of superintendence than where the responsibility is fixed on one general contractor. It would be necessary to strengthen our organization on this respect, at, of course, an increased overhead cost referred to above. Aside from the additional cost, there can be no argument on this point.

In conclusion, the whole matter, to my mind, reduces itself to this. Where the architect's organization is capable of handling the work in the manner outlined and where capable subcontractors can be secured, the general contractor has no logical place in a building project.

Yours truly,

L. J. TOWNE, *Superintendent of Construction.*

TABLE I.

PROPORTION OF TOTAL COST OF UNIVERSITY BUILDINGS ACTUALLY BORNE BY GENERAL CONTRACTOR.

	Adminis- tration.	Chemistry.	Vivarium.	Ceramics.	Average.
Total cost, including equipment.....	\$160,000	\$350,000	\$70,000	\$128,000	.....
Total cost building.....	140,000	260,000	50,000	118,000	.....
General contract.....	106,000	189,000	29,000	82,000	.....
Labor and material executed by general contractor's own forces, excluding subcontractors.....	76,000	133,000	19,000	37,000	.....
Labor and material, per cent of general contract.....	72%	51%	65%	70%	65%
Labor and material, per cent of total cost.....	48%	38%	27%	45%	40%
Labor executed by general contractor's own forces, excluding subcontractors and material orders.....	21,000	51,000	8,000	21,000	.....
Labor by general contractor, per cent of general contract.....	20%	27%	28%	26%	25%
Labor by general contractor, per cent of total cost.....	12½%	14½%	11½%	16½%	14%
General contractor's bond and insurance.....	1,500	4,026	860	1,375	.....

No action was taken in this matter.

At this point, President Abbott returned and resumed the chair.

#### TRANSFER OF FORESTRY PLANTATION.

(24) A recommendation that the President of the University be authorized to transfer the care and control of the Forestry Plantation, lying west of Lincoln Avenue, from the Department of Horticulture to the Department of Buildings and Grounds, and that this plantation be merged into a park; with the understanding that any changes made in the forestry at present, such as cutting down or remov-

ing trees, be done only after consultation with and approval of the Department of Horticulture. This recommendation is based on the following communication from Dr. T. J. Burrill to Prof. J. C. Blair, after conference with him and the Department of Buildings and Grounds.

February 3, 1916.

*Prof. J. C. Blair, Urbana, Illinois.*

MY DEAR SIR: In view of the sleet injury to the trees in the University forest plantation, you ask in yours of the 2d instant for my opinion as to what should be done, having prominently in mind the future policy to be pursued in regard to the plantation.

In the first place, it may be well to recall the original purpose of this experiment with such facts in its history as seem to bear upon the present inquiry. It should be remembered that fifty years ago this was a new country, largely prairie, with multitudes of untried problems facing the early land owners and managers. The importation of wood of any kind had scarcely begun and the facilities existing gave small promise of what has since taken place. The supplies of coal were little known and its use little appreciated. The railroad engines commonly burned wood. By far the larger proportion of household heat especially in the kitchens (and often there was none other) came from the same fuel. Kitchen stoves especially adapted for coal were hardly known until at least a decade later. Good building timber was scarce and the home supply was rapidly disappearing with every prospect of an increase in price. On the other hand the country was speedily settling up. Increasing calls were made for construction timber as well as for wood for many purposes now supplied by iron, brick, cement, etc. It did not require any great vision to impress the necessity of making provision for future needs. And then good land was cheap. The usual returns from agricultural crops were poor. Corn rarely sold for more than twenty-five cents a bushel and had been so low with such poor market that it was burned instead of wood in the cook stoves. If timber was to be needed anywhere and could be grown to profit anywhere it would seem to thoughtful people of the time to be in Illinois.

This is, in brief, the general condition of things when the first steps were taken by the University authorities in regard to this plantation experiment. In support of these statements I wish to refer to the first report of the Board of Trustees issued in 1868, pp. 276-278. Here Mr. D. C. Scofield of Freeport, Ill., estimates the value of an acre planted to larch and pine after 75 or 80 years to be no less than \$10,000, while it would more than pay its way from near the beginning. Or better, see in the second Report, 1869, pp. 352-358, the lecture given by Mr. O. B. Galusha, one of the first Board of Trustees and a member of the committee on whose report the forest plantation was originated. The address was one of the first series of agricultural lectures given at the University by leading experts and authorities in January, 1869. Its character may be surmised by the concluding paragraph which should be read with the understanding that the planting of trees is the deciding influence. It reads: "Here, then, brother farmers and farmer students in this University, we have two pictures presented to us. In one we look into the future and see wide-spread desolation—an extended treeless country, visited by destructive storms, by severe droughts, with its streams dried up, and food for man and beast in such scarcity that the poor can scarcely obtain a supply. In the other we see a charming landscape, a rich, fertile country, a population enjoying all the blessings which flow from peace and unity. Which will you choose? Will we take warning in time and arouse ourselves to action in an enterprise which promises such rich results?"

To get at still more directly the purpose in the minds of those chiefly responsible for the experiment, it would be well to read the report of the Committee on Horticulture found in the volume last cited, pp. 46-52. In this, forest planting takes the first and most emphasized place with those for fruits, shelter, and ornament following. A paragraph such as the following indicates why: "Timber for railroad ties, culverts, cars, roadways and buildings, fencing, vineyard stakes, hop poles, stanchions for coal banks, soft wood, like white willow and the poplars for berry boxes, crates and staves, hoop poles, wagon and carriage material, agricultural implements, and the uniform wants of the age, make up a demand of most surprising magnitude, that will add to our rural industry an importance that the most sanguine have not hitherto dreamed of."

The recommendations of this report were adopted and an appropriation from the State Legislature was later secured (March, 1869) to carry them into execution, thus indicating that others besides the members of this committee considered the project a greatly important one.

No time was lost in making a beginning. Many thousand forest tree seedlings small in size were purchased that spring and put into a nursery from which the first were transferred to the permanent grounds two years later (1871). Others from the same source or grown in the meantime from seed followed year by year for about three years and then at longer intervals. Hence the main parts of the plantation are 42 to 45 years old. There is about twenty acres of it. From the beginning the trees have had much better care than such tree plantations commonly receive, at greatly more cost than was originally estimated. Plainly, we see things now, mistakes of several kinds have been made, but they have been brought out in the experiment rather than due to faulty planning or execution. With the information and skill existent forty-five years ago and later for the new problems as they arose, it can hardly be said anything better in the way of results can now be figured out. As a rule the trees have lived and prospered except as conditions, most of which could not have been foreseen, proved unfavorable.

But the showing today is a far cry from the early anticipations as somewhat sketched above. Taken as a whole and basing estimates solely on timber values, I do not believe the area is worth much more today than is an adjoining equal

area of open land. That is, the receipts from harvested wood would probably not be more than the expense of clearing and putting into shape for other crops. For certain blocks this would not be true, notably that containing the European larch, and, if we were near a natural market, for that of the green ash. There are lessons to be learned now of abundant value and doubtless more if extension of time is permitted, but in my mind the experiment has gone fully far enough now to make it indisputably plain that forest trees cannot be grown for ordinary timber to a comparative profit on Illinois farm land suitable for agricultural purposes. If conditions and outlook for use had continued as counted forty to fifty years ago, the anticipations were entirely too rosy. This with the changes in requirements for fuel and construction timber make things widely different now.

It is true that time sufficient for usual forest harvests has not elapsed; the trees are not much more than half the age usually specified for a crop, but with the light we now have there can never be anything like financial results equal to those from proper farm management of the land—the whole area considered.

We may as well accept this lesson now. The test of varieties for such soil and conditions to date ought also to be considered well made, as ought also the distances for planting and the general management of an artificial forest. The time from the beginning so nearly reaches fifty years that under ordinary circumstances it would probably be advisable to let the more general period round out before drawing conclusions and more especially before terminating the experiment. But a crisis has come in the serious damage from sleet and the formidable expenditure required to reshape the trees for further timber growth. It would therefore seem to be good policy to decide now rather than a half dozen years later what the future of the plantation is to be and to be guided in the repair proceedings by this decision.

Now the forest has served a very useful purpose aside from the timber experiment, a purpose not originally contemplated at all; namely, a unique, phenomenally interesting, instructive, and enjoyable recreation equipment on the Campus. It would never have been so planned or so located for this purpose, but it happens that in both respects it is very fortunately adapted for an increasingly important service of this kind. The area in its present condition is certainly worth more for its direct interest and benefit than it would possibly have yielded in commercial timber. Its use, heretofore, as an educative and pleasure park is a good basis for prophecy if from now on that is made the main feature and purpose of the twenty acres. There would necessarily be some change in management but even so the original interest need not wholly be lost. The trees would go on in development and things can be shaped so that the timber experiment may be in part continued tho altogether secondary to the other use.

I believe the time has come to make this change in policy and purpose and submit the foregoing reasons without trying now to answer further your specific questions. I sincerely trust, however, that this main problem will have careful and wise consideration. A mistake may easily be made but perhaps never rectified. Anybody could destroy in a few hours the earnest painstaking work of forty years. Better let things be as they are a year or more, notwithstanding the eye-sore condition, than to adopt too hastily an incorrect decision. Even if the change of policy is made, the change of treatment should be slow in practical execution in order to secure the best final results.

Hoping that this may at least do no harm to a vital interest, one of far-reaching, century-long, influence and importance, I am

Very truly yours,

T. J. BURRILL.

On motion of Mr. Small this authority was given.

#### APPARATUS FOR MOVING TREES.

(25) A request from Prof. James M. White, Supervising Architect, for an appropriation of five hundred dollars for the purchase of a tree-moving equipment.

On motion of Mr. Small, this appropriation was made. The vote was as follows: Ayes, Mr. Abbott, Mr. Carr, Mrs. Evans, Mrs. Henrotin, Mr. Hoyt, Mr. Small, Miss Watson; noes, none; absent, Mr. Blair, Mrs. Busey, Mr. Dunne, Mr. Trevett, Mr. Ward.

#### COST OF EXTRAS ON NEW BUILDINGS.

(26) A report from the Supervising Architect giving an analysis of extra charges for work on the construction of the Administration, Chemistry, Vivarium, and Ceramics Buildings.

"The attached table was prepared in order to indicate the general causes for the increase in the cost of most of our buildings on the Campus over the contract prices, by from 1 per cent to 3 per cent. Any attempt to classify such extras is certain to be more or less arbitrary, and the various groups grade into one another without any hard and fast lines of separation. After some study, I adopted the following analysis as representing a fair distribution of the various items:

(1) *Errors in Plan:* Under this heading are included all extras which are caused by actual mistakes in drafting or specification work, the rectification of which involved the changing of construction but which would not have added anything to the cost of the building had same been discovered before the preparation of bids. In other words, this represents an actual waste of funds caused by some inaccuracy in drafting or insufficient study of the problem, so that the contractor was inevitably led into wrong constructions.



(2) *Omissions in Plan:* In this class are placed those errors in plan and specification which, while they involved extra work to rectify, cannot properly be considered as waste, because of the fact that extra work or material not shown on the plan, and which the contractor had not, presumably, figured in his bid, had to be furnished. In other words, while the extra work was caused by mistakes in the plan, the University received full value for the expenditure.

(3) *Unforeseen Conditions:* In this class are placed such extras as extra foundation work caused by conditions which could not be determined until the excavation had been made.

(4) *Changes by the Supervising Architect:* In this class are placed those extras which resulted from the continued study which the plans received during construction, and all of which represent an actual betterment in, or addition to, the building.

The distinction between classes 2 and 4 is simply that items in class 2 were in the mind of the designer but were not provided in the plan; while items in class 4 resulted as stated, from more extensive study of the plan as the work progressed.

(5) *Changes by Occupants:* In this class are placed extras caused by requests for changes in plan by the persons who are to occupy the building.

(6) *Errors of Superintendence:* In this class are placed extras which might have been obviated by a more careful control of the work by the University Superintendent on the building.

A study of this table will undoubtedly reveal, first, the importance of the utmost care in the preparation and checking of drawings and specifications, but it will also reveal as indicated by the proportion of orders falling into classes 3, 4 and 5, the fact that it is impossible to avoid a considerable amount of extra work and that same should be provided for by an allowance of a sum not less than 2 per cent of the total amount of contracts in making the estimate for the proposed building."

This report was received for record.

#### ANALYSIS OF EXTRA WORK AUTHORIZED ON ADMINISTRATION, CHEMISTRY VIVARIUM AND CERAMICS BUILDINGS.

Building.	Contract cost including extras.	1		2		3		4		5		6		Per cent total extras.	Per cent total extras less column 3.
		Errors in plan.		Omissions in plan.		Unforeseen conditions.		Changes by architect.		Changes by occupants.		Errors of superintendent.			
		Cost.	Per cent.	Cost.	Per cent.	Cost.	Per cent.	Cost.	Per cent.	Cost.	Per cent.	Cost.	Per cent.		
Administration..	\$131,000	318 32	.24	515 53	.40	544 94	.42	2,006 50	1.53	636 12	.49	110 50	.08	3.16	2.74
Chemistry.	240,000	776 32	.32	637 14	.26	621 09	.26	682 78	.28	1,108 90	.46	185 00	.07	1.65	1.39
Vivarium..	42,500	36 58	.08	93 22	.22	237 14	.56	420 69	.99	30 98	.07	29 00	.07	1.99	1.43
Ceramics..	112,000	132 51	.08	449 25	.40	1,623 00	1.45	426 79	.38	307 94	.27	41 00	.04	2.62	1.17

NOTES—The figures for the Administration and Vivarium Buildings are complete. Final settlement has not been made on the Chemistry and Ceramics Buildings but the figures given will not be materially altered.

Percentages are based on total contract cost of building and include all branches.

#### ROOMS IN WOMEN'S DORMITORY.

(27) A letter from Prof. J. M. White, Supervising Architect, calling attention to the fact that if the University is to fix a reasonable price for board and lodging in the new Residence Hall for Women it will be necessary to make some readjustments in the rooms so that a larger number of young women can be accommodated in the building, or else the building will probably be operated at a loss, compelling the use of money from the general fund to pay the expenses of operation.

This matter was discussed at some length. The evident feeling of the board was that some of the single rooms should be replaced by double rooms so as to provide for at least one hundred girls in the building. The matter was referred to a committee consisting of Mrs. Evans and Miss Watson, it being understood that if, in conference with the Supervising Architect, they should find it feasible to modify the design for this purpose without redesigning the whole building, they should instruct the Supervising Architect to make the necessary changes.

**BUILDING PLANS.**

Prof. J. M. White, Supervising Architect, presented plans and sketches of new buildings as follows:

**EDUCATION BUILDING.**

A revised sketch of the exterior of the new building for the School of Education.

**LIBRARY.**

A preliminary sketch of the new Library to be located just south of the terminus of Wright Street, with its north and south axis on the center line of Wright Street prolonged and its east and west axis on the prolongation of the east and west axis of the Armory, as approved by the board on March 10, 1914 [Report, 1914, page 725].

**MUSIC BUILDING.**

A sketch of the proposed Smith Memorial Building for the School of Music.

**GREGORY MEMORIAL BUILDING.**

A sketch of the Gregory Memorial Building, showing its relation to the possible architectural scheme of development of the University.

All these plans and sketches were discussed fully, but no action was taken.

**AUDIT REPORT.**

Mr. Hoit presented for the Finance Committee the report of the United States Audit Company for the quarter ending December 31, 1915.

This report was received for record.

*Hon. Otis W. Hoit, Chairman, Finance Committee.*

DEAR SIR: Following instructions, we have audited the books and accounts of the University of Illinois at Urbana, Ill., for the second quarter of the fiscal year, ended December 31, 1915.

We are sending you herewith a copy of the report prepared by the Comptroller of the University, Mr. W. B. Castenholz, covering the first two quarters of the fiscal year.

We have verified the cash receipts, disbursements and balances shown in the report, with the exception of the petty cash funds of the College of Medicine and the School of Pharmacy, amounting respectively, to \$300 and \$250.

Subject to the foregoing remarks,

WE HEREBY CERTIFY That the various schedules as contained in the report of the Comptroller correctly set forth the transactions of the quarter ended December 31, 1915, and that they are in accordance with the books.

Yours very truly,

UNITED STATES AUDIT CO.,  
WHITNEY B. FLERSHEM,  
*Certified Public Accountant.*

**SALE OF SMITH FARMS.**

Mr. Hoit reported that the Finance Committee had voted to place the Smith farms in the hands of Mr. Bruce Henderson for sale at a price not less than Capt. Smith's valuation, according to the action taken December 14, 1915 [pages 863-864], whereby this matter was referred to the committee with power to act.

**COMPTROLLER'S REPORT.**

The Secretary presented for record the report of Mr. W. B. Castenholz, Comptroller, for the six months ending December 31, 1915.

*January 12, 1916.*

*Mr. W. L. Abbott, President, Board of Trustees.*

DEAR SIR: I have the honor to submit herewith the quarterly statement covering the financial operations of the University of Illinois for the six months ended December 31, 1915.

Yours very truly,

W. B. CASTENHOLZ, *Comptroller.*

## SCHEDULE 1.

## SUMMARY OF RECEIPTS AND DISBURSEMENTS AS AT DEC. 31, 1915.

	Balance July 1, 1915.	Receipts Schedule 2.	State revenue.	Total.
University Treasurer—				
General.....	\$*94,122 41	\$383,853 77	.....	\$477,976 18
United States Agricultural Experiment Station.....	647 09	15,257 49	.....	15,904 58
United States Smith-Lever.....		18,141 10	.....	18,141 10
Trusts.....	7,938 43	11,015 24	.....	18,953 67
Petty cash—				
Cashier.....	5,000 00	.....	.....	5,000 00
Secretary, Colleges of Medicine and Den- tistry.....	300 00	.....	.....	300 00
Actuary, School of Pharmacy.....	250 00	.....	.....	250 00
State Auditor—				
Buildings, land and equipment.....	.....	.....	\$436,500 00	436,500 00
Administrative office.....	.....	.....	76,145 00	76,145 00
General departments.....	.....	.....	111,550 00	111,550 00
Instruction.....	.....	.....	1,243,055 00	1,243,055 00
Research.....	.....	.....	97,000 00	97,000 00
Physical plant.....	.....	.....	218,250 00	218,250 00
Contingent expense.....	.....	.....	242,370 95	242,370 95
Water survey and Investigation.....	727 88	.....	28,500 00	29,227 88
Miners, and Mechanics' Institutes.....	1,353 77	.....	.....	1,353 77
Total.....	\$110,339 58	\$428,267 60	\$2,453,370 95	\$2,591,978 13

\* Including transfer from petty cash, \$600.

## SCHEDULE 1—Concluded.

	Disburse- ments Schedule 6.	Balances.	
		Items.	Totals.
University Treasurer—			
General.....	\$250,737 07	\$227,239 11	.....
United States Agricultural Experiment Station.....	13,768 57	2,136 01	.....
United States Smith-Lever.....	16,400 41	1,740 69	.....
Trusts.....	11,577 71	7,375 96	\$238,491 77
Petty cash—			
Cashier.....	.....	\$5,000 00	.....
Secretary, Colleges of Medicine and Dentistry.....	.....	300 00	.....
Actuary, School of Pharmacy.....	.....	250 00	.....
			5,550 00
State Auditor—			
Buildings, land and equipment.....	264,016 86	\$172,483 14	.....
Administrative office.....	37,405 59	38,739 41	.....
General departments.....	61,098 16	50,451 84	.....
Instruction.....	768,444 12	474,610 88	.....
Research.....	34,602 43	62,397 57	.....
Physical plant.....	83,478 14	134,771 86	.....
Contingent expense.....	11,181 65	231,189 30	.....
Water survey and investigation.....	7,929 69	21,298 19	.....
Miners' and Mechanics' Institutes.....	1,353 77	.....	.....
			1,185,942 19
Total.....	\$1,561,994 17	.....	\$1,429,983 96

## SCHEDULE 2.

## STATEMENT OF CASH RECEIPTS FOR THE SIX MONTHS ENDED DEC. 31, 1915.

General fund—		
Schedule 21 .....		\$383,853 77
United States Agricultural Experiment Station Fund—		
Adams Fund .....	\$7,500 00	
Adams Fund—receipts .....	257 49	
Hatch Fund .....	7,500 00	
		15,257 49
United States Smith-Lever Fund.....		18,141 10
Trusts fund—Schedule 301.....		11,015 24
Total .....		\$428,267 60

## SCHEDULE 21.

CASH RECEIPTS ON ACCOUNT OF GENERAL FUND FOR THE SIX MONTHS ENDED  
DEC. 31, 1915.

<b>Agricultural College and Experiment Station—</b>		
Agricultural College administration.....	\$	4 50
Agricultural extension .....		2 50
Agricultural College press service.....		46 00
<b>Agronomy College—</b>		
Farm mechanics .....	\$154	72
Soil fertility .....	266	77
Soil physics .....	37	35
		458 84
<b>Agronomy Experiment Station—</b>		
Crop Production Station.....	\$	676 72
Agronomy experiment fields.....		804 08
Station soils—general .....	2,420	81
		3,901 61
<b>Animal Husbandry College—</b>		
Animal Husbandry administration.....	\$	8 91
Beef cattle .....	3,079	05
Animal Husbandry education.....		18 25
General and farming.....		61 51
Horses .....	1,320	93
Horses—specimens .....	50	00
Poultry .....	498	73
Sheep .....	676	89
Sheep—specimens .....	100	00
Swine .....	1,211	44
Swine—specimens .....	100	00
		7,125 70
<b>Animal Husbandry Experiment Station—</b>		
Administration .....	\$	237 45
Beef cattle .....		276 14
Bulletins and publications.....		10 81
General and farming.....		1 76
Horses .....		32 80
Meat .....		18 86
Sheep .....		399 60
Swine .....	1,250	91
		2,228 33
<b>Dairy Husbandry College—</b>		
Administration .....	\$	1,294 85
Creamery .....	26,901	49
Bacteriology .....	946	89
Pure bred herd .....	2,732	46
		31,875 69
<b>Dairy Experiment Station—</b>		
Economics .....	\$	23 00
Experiment herd .....	1,786	52
Dairy Farm .....	5,248	26
Official testing .....	2,402	70
Testing Association .....	387	04
		9,847 52
<b>Horticulture College—</b>		
Administration .....	\$	3 26
Floriculture .....	371	01
General and farming .....	284	07
Landscape extension .....	111	69
Landscape gardening .....		25
Olericulture .....	806	10
Olney Farm .....	1,011	54
Pomology .....	124	58
Urbana Farm .....	1,791	86
		4,504 36
<b>Horticulture Experiment Station—</b>		
Olericulture .....	\$31	42
Pomology .....	8	50
Plant breeding .....	18	60
		58 52
<b>Household Science—</b>		
Cafeteria .....	\$5,905	61
Household Science .....	80	75
		5,986 36
		\$66,039 93
<b>College of Engineering—</b>		
Ceramics .....		10 70
Civil Engineering .....		57 00
Electrical Engineering .....		1 05
Engineering Experiment Station.....		186 45
Mechanical Engineering .....		38 21
Theoretical and Applied Mechanics.....		42 50
		\$335 91

## SCHEDULE 21—Concluded.

College of Liberal Arts and Sciences—		
Botany .....		\$ 26 00
Chemistry .....		420 00
Classical Museum .....		3 58
Museum of European Culture .....		94 40
Salaries .....		15 00
Sociology .....		3 75
		<hr/>
		\$ 562 73
Student fees—		
General and Laboratory—		
Summer Session 1915 .....	\$ 754 25	
First Semester 1914-15 .....	10 00	
Second Semester 1914-15 .....	333 50	
First Semester 1915-16 .....	100,590 86	
Second Semester 1913-14 .....	22 89	
		<hr/>
		101,711 50
Lockers—		
Men's Gymnasium .....	\$1,782 50	
Women's Gymnasium .....	373 50	
Shop and Laboratory .....	127 50	
		<hr/>
		2,283 50
		<hr/>
		\$103,995 00
Miscellaneous—		
Accountancy .....		68 05
<i>Alumni Record</i> .....		58 75
Board of Trustees .....		1 75
Business office .....		23 00
Directory of Matriculants .....		7 50
Emergency Hospital .....		28 00
Graduate School .....		4 60
Information office .....		4 82
Interest .....		1 71
Interest on daily balances .....		14,406 44
Interest on endowment fund .....		16,223 30
<i>Journal of English and Germanic Philology</i> .....		344 30
Lectures .....		207 60
Library .....		171 85
Library salaries .....		75 00
Military Department .....		2 87
Miners' and Mechanics' Institutes .....		29 00
Morrill Fund .....		25,000 00
School of Music .....		169 25
Nelson Fund .....		25,000 00
Orchestra concerts .....		3,389 75
Smith farms .....		5,304 84
Student organizations .....		1 50
Summer Session salaries .....		400 00
Summer Library School salaries .....		15 00
Summer Session 1915 .....		2 12
<i>University Studies</i> .....		157 56
Water survey .....		1,907 25
<i>Weekly Calendar</i> .....		4 50
		<hr/>
		\$93,010 31
Physical plant—		
Administration Building .....		13 50
Buildings .....		420 84
General—heating and lighting .....		917 94
Rentals—		
Armory .....		3 50
Auditorium .....		135 00
Gymnasium Annex .....		70 00
Ground .....		2 66
Houses .....		962 50
Morrow Hall .....		15 00
		<hr/>
		\$ 2,540 94
Stores—		
Blueprinting and photography .....		2,012 15
Labor .....		42,921 70
Office supplies .....		1,979 71
Physical plant .....		18,282 05
Postage .....		4,553 51
Printograph .....		123 03
		<hr/>
		\$69,872 15
College of Dentistry .....		12,891 75
College of Medicine .....		20,882 55
School of Pharmacy .....		13,722 50
		<hr/>
		\$47,496 80
		<hr/>
Total, Schedule 2 .....		\$383,853 77

## SCHEDULE 3.

## SUMMARY OF APPROPRIATIONS AS AT DEC. 31, 1915.

	Appropriations and credits.	Disbursements.	Encumbrances.	Balances.
Land, buildings and equipment (Schedule 31).....	\$511,865 56	\$298,467 79	\$218,142 89	\$ *4,745 42
Physical plant (Schedule 32).....	244,972 15	82,376 07	45,578 78	117,017 30
Administration and general expense (Schedule 33).....	362,028 05	133,284 79	115,348 81	113,394 45
Liberal Arts and Sciences (Schedule 34) ..	491,623 08	228,532 37	237,427 93	25,662 78
Agriculture (Schedule 35).....	663,788 96	321,558 48	195,738 86	146,493 62
Engineering (Schedule 36).....	341,890 22	144,528 10	142,750 69	54,611 43
Graduate School (Schedule 37).....	54,700 00	17,571 00	20,320 10	16,808 90
Medicine and Dentistry (Schedule 38) ....	200,000 00	92,645 54	58,101 36	49,253 10
Other school and departments (Schedule 39).....	221,940 51	94,522 82	68,888 19	58,529 50
Total.....	\$3,092,808 53	\$1,413,486 96	\$1,102,295 61	\$577,025 96

\* Overdraft.

## SCHEDULE 31.

## STATEMENT OF APPROPRIATIONS FOR LAND, BUILDINGS AND EQUIPMENT AS AT DEC. 31, 1915.

	Appropriations and credits.	Disbursements.	Encumbrances.	Balances.
Land.....	\$ 95,737 00	\$95,706 88	.....	\$ 30 12
Buildings—				
Administration Building.....	16,513 50	15,970 60	\$ 2,193 53	*1,650 63
Ceramics Building.....	128,000 00	51,451 81	63,097 50	13,450 69
Chemistry Building.....	208,000 00	86,775 26	144,094 79	*22,870 05
Education Building.....	.....	1,638 08	.....	*1,638 08
Vivarium.....	50,000 00	39,420 71	8,071 01	2,508 28
Commerce Building 1912-13.....	615 06	562 45	21 75	30 86
Music Hall.....	.....	158 50	.....	*158 50
Women's Residence Hall.....	.....	1,643 16	.....	*1,643 16
Natural History addition.....	.....	215 02	.....	*215 02
General equipment—				
Furniture and fixtures.....	7,000 00	4,925 32	664 31	1,410 37
Practice organ.....	1,000 00	.....	.....	1,000 00
Entomology cases.....	5,000 00	.....	.....	5,000 00
Total, Schedule 3.....	\$511,865 56	\$298,467 79	\$218,142 89	*\$4,745 12

\* Overdraft.

## SCHEDULE 32.

## STATEMENT OF THE ACCOUNTS FOR PHYSICAL PLANT AS AT DEC. 31, 1915.

	Appropriations and credits.	Disbursements.	Encumbrances.	Balances.
Extension—				
Heating and lighting plant.....	.....	\$1,090 06	\$ 150 00	.....
Heating extension.....	.....	729 29	3,800 00	.....
Lighting extension.....	.....	134 26	400 00	.....
Tunnel extension.....	.....	31 25	.....	.....
Water extension.....	.....	25 00	5,881 98	.....
Pavements and walks.....	.....	1,976 96	2,690 00	.....
Building heating extension.....	.....	113 55	4,585 00	.....
Feed water treating plant.....	.....	127 82	400 00	.....
Total, extension.....	\$30,000 00	\$4,228 19	\$17,906 98	\$7,864 83

## SCHEDULE 32—Concluded.

	Appropriations and credits.	Disbursements.	Encumbrances.	Balances.
Operation and maintenance—				
Salaries.....	\$10,428 40	\$ 5,471 79	\$ 4,956 61	.....
Extra assistance.....	6,000 00	1,863 85		\$ 4,136 15
Office expense.....	2,000 00	962 16	42 30	995 54
Heating and lighting.....	76,043 75	25,680 55	14,546 89	35,816 31
Building operation.....	56,000 00	18,531 45		37,468 55
Building maintenance.....	28,000 00	11,117 82	7,397 50	9,484 68
Grounds.....	13,000 00	5,096 51	28 50	7,874 99
Fire protection.....	3,800 00	1,148 77		2,651 23
Telephone exchange.....	3,000 00	1,938 49		1,061 51
Water Station.....	2,000 00	350 71	150 00	1,499 29
General operation.....	14,209 09	5,985 78	550 00	7,664 22
Acoustics investigation.....	500 00			500 00
Total, Schedule 3.....	\$244,972 15	\$82,376 07	\$45,578 78	\$117,017 30

## SCHEDULE 33.

STATEMENT OF THE ACCOUNTS FOR ADMINISTRATION AND GENERAL EXPENSE  
AS AT DEC. 31, 1915.

	Appropriations and credits.	Disbursements.	Encumbrances.	Balances.
Administrative offices—				
Salaries.....	\$50,584 86	\$25,183 33	\$25,401 53	.....
Board of Trustees.....	7,601 75	3,198 46	9 50	\$ 4,393 79
President's office.....	5,000 00	2,443 14	31 75	2,525 11
Vice-President's office.....	500 00	22 58		477 42
Business office.....	5,823 00	2,519 17	481 35	2,822 48
Registrar's office.....	6,800 00	4,327 94	155 30	2,316 76
Legal Counsel.....	400 00	29 55		370 45
Council of Administration.....	500 00	325 36	6 00	168 64
University Senate.....	100 00			100 00
Adviser to Foreign Students.....	100 00	52 79	2 90	44 31
General departments—				
Salaries.....	95,695 85	44,663 35	51,032 50	.....
Library.....	12,177 00	5,782 35	924 00	5,470 65
Library additions.....	50,000 00	10,923 46	23,815 85	15,260 69
Dean of Men.....	4,625 00	2,006 83	147 56	2,470 61
Dean of Women.....	600 00	193 32	16 25	390 43
Physical Training—Men.....	4,800 00	1,976 81	845 35	1,977 84
Physical Training—Women.....	500 00	238 62	67 30	194 08
Military.....	3,849 62	1,938 31	384 15	1,527 16
High School Visitor.....	3,700 00	1,498 33		2,201 67
High School Oratorical Contest.....	360 00	54 25		305 75
Educational Photography.....	4,000 00	1,526 54	1,531 15	942 31
Publications—				
General.....	12,000 00	3,652 73	4,196 98	4,150 29
<i>Directory of Matriculants</i> .....	5,000 00	2,186 50		2,813 50
<i>Alumni Quarterly</i> .....	1,000 00	500 00		500 00
<i>Press Bulletin</i> .....	1,000 00	179 14	194 20	626 66
<i>Students' Handbook</i> .....	300 00	300 00		.....
General expense—				
Lectures.....	3,000 00	318 00		2,682 00
Concerts.....	5,000 00	1,116 31	3,868 65	15 04
Convocations.....	1,000 00	193 76		806 24
Receptions and social functions.....	1,000 00	420 49		579 51
Towel system.....	1,250 00	764 20		485 80
Medical examiner.....	300 00	125 00	175 00	.....
Information office.....	5,001 07	1,474 69	1,557 98	1,968 40
Rebates.....	10,000 00	4,885 00		5,115 00
Smith Farms.....	5,159 90	3,333 25	25 21	1,801 44
Incidentals.....	53,300 00	4,931 23	478 35	47,890 42
Total, Schedule 3.....	\$362,028 05	\$133,284 79	\$115,348 81	\$113,394 45

## SCHEDULE 34.

STATEMENT OF THE ACCOUNTS FOR THE COLLEGE OF LIBERAL ARTS AND SCIENCES  
AS AT DEC. 31, 1915.

	Appropriations.	Disbursements.	Encumbrances.	Balances.
Salaries .....	\$402,251 35	\$185,449 65	\$216,801 70	.....
Administration .....	2,600 00	620 43	5 50	\$1,974 07
Art and Design .....	800 00	321 57	160 55	317 88
Astronomy .....	800 00	97 24	13 45	689 31
Bacteriology .....	2,900 00	1,264 12	1,321 97	313 91
Botany .....	6,800 00	3,589 05	2,748 88	462 07
Chemistry .....	36,420 00	25,880 18	12,196 68	†*1,656 86
Classics .....	550 00	75 58	119 10	355 32
Education .....	2,500 00	1,231 99	39 05	1,228 96
English .....	1,800 00	736 84	3 00	1,060 16
Entomology .....	1,600 00	482 69	190 65	926 66
Geology .....	1,600 00	455 33	224 05	920 62
German .....	200 00	95 62	2 00	102 38
History .....	300 00	188 35	5 00	106 65
Journalism .....	2,500 00	2,427 12	105 50	*32 62
Mathematics .....	700 00	271 42	128 65	299 93
Philosophy .....	100 00	48 49	3 00	49 51
Physiology .....	3,375 00	647 82	705 05	2,022 13
Political Science .....	125 00	26 64	.....	98 36
Psychology .....	1,100 00	179 92	65 27	854 81
Romance Language .....	250 00	72 06	105 95	71 99
Sociology .....	303 75	266 68	2 25	33 82
Zoology .....	6,950 00	1,673 36	955 20	4,321 44
Museums—				
Classical .....	5,003 58	613 07	760 00	3,630 51
European Culture .....	5,094 40	1,357 45	232 20	3,504 75
Natural History .....	5,000 00	459 70	533 28	4,007 02
Total, Schedule 3 .....	\$491,623 08	\$228,532 37	\$237,427 93	\$25,662 78

\* Overdraft.

†\* On account of import orders held up.

## SCHEDULE 35.

STATEMENT OF THE ACCOUNTS FOR THE AGRICULTURAL COLLEGE AND EXPERIMENT  
STATION AS AT DEC. 31, 1915.

	Appropriations.	Disbursements.	Encumbrances.	Balances.
Buildings—				
General .....	\$15,819 97	\$ 218 33	\$14,550 00	\$ 1,051 64
Clinic Building 1912-13 .....	4,925 72	.....	.....	4,925 72
Cold Storage 1912-13 .....	9,000 00	.....	.....	9,000 00
College—				
Administration .....	15,912 62	7,517 33	3,084 00	5,311 29
Agricultural extension .....	20,793 33	10,590 55	7,032 20	3,170 58
Agronomy (Schedule 351) .....	55,631 76	25,723 75	17,184 07	12,723 94
Animal Husbandry (Schedule 352) .....	72,397 45	32,973 16	21,997 92	17,426 37
Dairy Husbandry (Schedule 353) .....	70,162 79	44,996 25	13,228 00	11,938 54
Horticulture (Schedule 354) .....	57,892 47	29,680 49	18,876 53	9,335 45
Household Science .....	29,091 75	13,069 64	12,082 26	3,939 85
Household Science—cafeteria .....	10,813 10	6,368 83	1,925 13	2,519 14
Veterinary Science .....	3,290 81	562 53	.....	2,728 28
Animal Husbandry—specimens (Schedule 352) .....	2,456 11	299 59	.....	2,156 52
Station—				
Agronomy—crops (Schedule 351) .....	20,707 05	12,620 63	8,111 18	*24 76
Agronomy—soils (Schedule 351) .....	100,724 17	47,630 58	32,343 90	20,749 69
Animal Husbandry (Schedule 352) .....	44,851 08	27,951 99	8,218 54	8,680 55
Dairy Husbandry (Schedule 353) .....	31,615 57	17,441 98	5,338 61	8,834 98
Horticulture (Schedule 354) .....	29,400 22	13,364 56	12,708 81	3,326 85
United States Experiment Station—				
Adams Fund—				
Administration .....	2,000 00	600 00	1,300 00	100 00
Animal Husbandry (Schedule 352) .....	8,500 00	3,338 80	2,247 34	2,913 86
Horticulture (Schedule 354) .....	4,500 00	3,553 44	901 66	44 90
Receipts (Animal Husbandry) .....	904 58	79 84	.....	824 73



## SCHEDULE 35—Concluded.

	Appropriations-	Disbursements.	Encumbrances.	Balances.
United States Experiment Station—Concluded—				
Hatch Fund—				
Administration .....	\$ 4,000 00	\$1,338 23	\$2,350 00	\$ 311 77
Agronomy (Schedule 351) .....	2,500 00	1,392 81	900 00	207 19
Botany .....	2,509 00	753 11	600 00	1,146 89
Dairy Husbandry (Schedule 353) .....	6,000 00	2,712 33	2,983 11	304 56
United States Smith-Lever—				
Administration .....	5,482 00	538 93	65 50	4,877 57
Home Economics .....	8,000 00	5,702 93	2,622 81	*325 74
County Agents .....	13,200 00	6,564 96	772 48	5,862 56
Agronomy .....	2,000 00	1,100 00	900 00	.....
Animal Husbandry .....	2,000 00	17 29	1,466 64	516 07
Dairy Husbandry .....	2,000 00	849 98	699 99	450 03
Horticulture .....	2,000 09	1,199 97	399 99	400 04
Farm management .....	1,600 00	426 35	240 00	935 65
Soil maps—				
Horticulture .....	1,116 41	379 31	606 19	130 91
Total, Schedule 3 .....	\$663,788 96	\$321,558 48	\$195,736 86	\$146,493 62

\* Overdrafts.

## SCHEDULE 351.

STATEMENT OF THE ACCOUNTS FOR THE DEPARTMENT OF AGRONOMY AS AT DEC. 31, 1915.

	Appropriations.	Disbursements.	Encumbrances.	Balances.
College—				
Crop production .....		\$3,094 00	\$1,331 80	.....
Farm mechanics .....		8,424 32	5,557 22	.....
Plant breeding .....		2,492 20	1,188 64	.....
Soil fertility .....		7,263 06	4,933 96	.....
Soil physics .....		4,450 17	4,172 45	.....
Total, Schedule 35 .....	\$55,631 76	\$25,723 75	\$17,184 07	\$12,723 94
Station—crops—				
Crop production .....		\$8,878 43	\$4,483 98	.....
Plant breeding .....		3,742 20	3,627 20	.....
Total, Schedule 35 .....	\$20,707 05	\$12,620 63	\$8,111 18	*\$24 76
Station—soils—				
Soils—general .....		\$ 4,659 07	\$ 5,585 20	.....
Experiment fields .....		21,100 93	12,694 44	.....
Soil analysis .....		6,818 54	5,628 69	.....
Soil biology .....		2,017 62	1,818 00	.....
Soil extension .....		50 98	.....	.....
Soil survey .....		12,983 44	6,617 57	.....
Total, Schedule 35 .....	\$100,724 07	\$47,630 58	\$32,343 90	\$20,749 69
United States Experiment Station—				
Hatch—Soil fertility .....	\$2,500 00	\$1,392 81	\$900 00	\$207 19
United States Smith-Lever—				
Agronomy .....	2,000 00	1,100 00	900 00	.....
Total .....	\$181,562 98	\$88,467 77	\$59,439 15	\$33,656 00

\* Overdraft.

## SCHEDULE 352.

STATEMENT OF THE ACCOUNTS FOR THE DEPARTMENT OF ANIMAL HUSBANDRY AS AT  
DEC. 31, 1915.

	Appropriations.	Disbursements.	Encumbrances.	Balances.
College—				
Administration .....		\$9,830 27	\$15,735 01	
Animal Nutrition .....		2,382 82	4,641 56	
Beef cattle .....		8,040 03	177 00	
Education .....		463 59	58 85	
General and farming .....		2,958 40	683 76	
Genetics .....		600 83	160 00	
Horses .....		3,236 58	357 87	
Poultry .....		1,422 26	29 02	
Sheep .....		1,113 09	31 40	
Swine .....		2,925 29	135 45	
Total, Schedule 35 .....	\$72,397 45	\$32,973 16	\$21,997 92	\$17,426 37
Station—				
Administration .....		\$7,988 01	\$2,108 62	
Animal Nutrition .....		5,977 29	1,445 14	
Beef cattle .....		2,715 43	1,499 00	
Bulletins and publications .....		915 49		
General and farming .....		2,327 37		
Horses .....		1,955 04	267 00	
Live stock systems .....		2,027 57	50 95	
Meat .....		1,072 19	499 98	
Sheep .....		805 82	55 25	
Swine .....		2,166 78	292 60	
Genetics .....			2,000 00	
Total, Schedule 35 .....	\$44,851 08	\$27,951 99	\$8,218 54	\$8,680 55
Specimens—				
Beef cattle .....		\$ 11 53		
Sheep .....		20 75		
Swine .....		267 31		
Total, Schedule 35 .....	\$2,456 11	\$299 59		\$2,156 52
United States Experiment Station—				
Adams—				
Animal Nutrition .....		\$1,891 71	\$1,308 32	
Genetics .....		963 68	527 36	
Swine .....		483 41	411 66	
Total, Schedule 35 .....	\$8,500 00	\$3,338 80	\$2,247 34	\$2,913 86
United States Smith-Lever .....				
Animal Husbandry .....	\$2,000 00	\$17 29	\$1,466 64	\$516 07
Adams—receipts .....	904 58	79 85		824 73
Total .....	\$131,109 22	\$64,660 68	\$33,930 44	\$32,518 10

## SCHEDULE 353.

STATEMENT OF THE ACCOUNTS FOR THE DEPARTMENT OF DAIRY HUSBANDRY AS AT  
DEC. 31, 1915.

	Appropriations.	Disbursements.	Encumbrances.	Balances.
College—				
Administration .....		\$ 7,208 00	\$4,810 24	
Bacteriology .....		2,049 45	1,020 00	
Creamery .....		23,146 05	2,602 23	
Economics .....		1,247 96	874 98	
Pure bred herd .....		8,124 38	1,137 57	
Technology .....		3,220 41	2,782 98	
Total, Schedule 35 .....	\$70,162 79	\$41,996 26	\$13,228 00	\$11,938 54

## SCHEDULE 353—Concluded.

	Appropriations.	Disbursements.	Encumbrances.	Balances.
Station—				
Bacteriology.....		\$ 563 07	\$ 425 52	
Economics.....		2,492 49	1,404 17	
Experiment herd.....		6,772 22	1,759 57	
Farm Station.....		3,187 22	517 75	
Official testing.....		2,723 34		
Technology.....		483 40		
Testing Association.....		453 45		
Chemistry.....		766 79	1,231 60	
Total, Schedule 35.....	\$31,615 57	\$17,441 98	\$5,338 61	\$8,834 98
United States Experiment Station—				
Bacteriology.....		\$1,643 06	\$1,674 96	
Chemistry.....		7 74	58 15	
Economics.....		1,061 53	1,250 00	
Total, Schedule 35.....	\$6,000 00	\$2,712 33	\$2,983 11	\$304 56
United States Smith-Lever.....				
Dairy Husbandry.....	\$2,000 00	\$849 98	\$699 99	\$450 03
Total.....	\$109,778 36	\$66,000 54	\$22,249 71	\$21,528 11

## SCHEDULE 354.

STATEMENT OF THE ACCOUNTS FOR THE DEPARTMENT OF HORTICULTURE AS AT DEC. 31, 1915.

	Appropriations.	Disbursements.	Encumbrances.	Balances.
College—				
Administration.....		\$4,614 27	\$3,050 96	
Landscape extension.....		4,298 14	3,454 68	
Landscape gardening.....		5,029 60	5,133 98	
Pomology.....		2,795 37	3,083 67	
Olericulture.....		3,491 24	3,127 96	
Floriculture.....		4,755 64	655 78	
Olney Farm.....		1,245 92	305 59	
Urbana Farm.....		1,466 44	54 90	
General and farming.....		1,083 87	9 10	
Total, Schedule 35.....	\$57,892 47	\$29,680 49	\$18,876 53	\$9,335 45
Station—				
Pomology.....		\$5,387 03	\$4,124 63	
Olericulture.....		446 75	7 20	
Plant breeding.....		2,839 80	2,877 10	
Olney Farm.....		440 00		
Floriculture.....		4,250 98	5,699 88	
Total, Schedule 35.....	\$29,400 22	\$13,364 56	\$12,708 81	\$3,326 85
United States Experiment Station—				
Adams—				
Pomology.....		\$ 150 00		
Plant breeding.....		3,403 44	\$901 66	
Total, Schedule 35.....	\$4,500 00	\$3,553 44	\$901 66	\$44 90
United States Smith-Lever—				
Horticulture.....	\$2,000 00	\$1,199 97	\$399 99	\$400 04
Total.....	\$63,792 69	\$47,798 46	\$32,886 90	\$13,107 24

## SCHEDULE 36.

STATEMENT OF THE ACCOUNTS FOR THE ENGINEERING COLLEGE AND EXPERIMENT STATION  
AS AT DEC. 31, 1915.

	Appropriations.	Disbursements.	Encumbrances.	Balances.
College—				
Salaries .....	\$224,037 12	\$105,319 60	\$118,717 52	.....
Administration .....	15,000 00	613 38	324 00	\$14,062 62
Architecture .....	4,200 00	1,250 24	346 43	2,603 33
Ceramic Engineering .....	5,510 70	2,432 67	1,068 42	2,009 61
Civil Engineering .....	2,500 00	869 87	228 09	1,420 04
Electrical Engineering .....	5,001 05	879 84	1,184 00	2,937 21
General Engineering Drawing .....	1,000 00	687 89	199 05	113 06
Mechanical Engineering .....	11,837 70	7,461 98	1,202 35	3,173 37
Mining Engineering .....	4,000 00	1,077 24	230 84	2,691 92
Physics .....	6,000 00	870 96	370 60	4,758 44
Railway Engineering .....	4,000 00	970 06	33 74	2,996 20
Theoretical and Applied Mechanics .....	6,000 00	2,331 76	812 01	2,856 23
Station—				
Salaries .....	21,372 88	8,150 27	13,222 61	.....
Administration .....	15,003 00	6,249 63	4,333 80	4,419 57
Civil Engineering .....	500 00	5 75	.....	494 25
Electrical Engineering .....	1,500 00	421 05	269 17	809 78
Mechanical Engineering .....	1,500 00	387 77	.....	1,112 23
Mining Engineering .....	500 00	317 19	.....	182 81
Railway Engineering .....	2,000 00	217 87	.....	1,782 13
Theoretical and Applied Mechanics .....	3,500 00	1,164 36	206 01	2,129 63
Physics .....	500 00	.....	.....	500 00
Coal mines investigation .....	5,000 00	1,441 99	2 05	3,555 96
Miners' and Mechanics' Institutes .....	1,427 77	1,406 73	.....	21 04
Total, Schedule 3 .....	\$341,890 22	\$144,528 10	\$142,750 69	\$54,611 43

## SCHEDULE 37.

## STATEMENT OF THE ACCOUNTS FOR THE GRADUATE SCHOOL AS AT DEC. 31, 1915.

	Appropriations.	Disbursements.	Encumbrances.	Balances.
Salaries .....	\$ 8,100 00	\$3,930 00	\$ 4,170 00	.....
Fellowships and Scholarships .....	22,200 00	8,910 00	13,290 00	.....
Administration .....	1,900 00	509 43	21 90	\$1,368 67
Library—				
Alvord .....	1,500 00	819 08	93 50	587 42
Blondheim .....	150 00	2 90	145 07	2 03
Fitz-Gerald .....	400 00	.....	100 30	299 70
Gillet .....	250 00	.....	50 90	199 10
Green .....	75 00	.....	.....	75 00
Loomis .....	150 00	.....	18 75	131 25
Moore .....	150 00	.....	68 88	81 12
Noyes .....	300 00	.....	.....	300 00
Schoepperle .....	170 00	.....	50 89	119 11
Unassigned .....	355 00	.....	.....	355 00
Research—				
Balke .....	500 00	230 00	.....	270 00
Bayley .....	200 00	17 15	115 45	67 40
Blondheim .....	75 00	.....	75 00	.....
Fairlie .....	200 00	.....	104 06	95 94
Forbes .....	100 00	.....	21 50	78 50
Kunz .....	60 00	60 00	.....	.....
Loomis .....	57 93	57 93	.....	.....
Municipal Research Bureau .....	400 00	.....	.....	400 00
Savage .....	300 00	.....	.....	300 00
Shelford .....	375 00	160 74	151 00	63 26
Stebbins .....	250 00	16 97	90 00	143 03
Stevens .....	200 00	137 67	.....	62 33
Trelease .....	380 00	70 91	224 10	84 99
Washburn .....	210 00	169 52	.....	40 48
Zeleny .....	300 00	29 00	.....	271 00
Unassigned .....	1,392 07	.....	.....	1,392 07
Illinois survey .....	3,000 00	991 11	480 00	1,528 89
Journal of English and German Philology .....	1,500 00	303 77	25 00	1,171 23
Scandinavian Manuscripts .....	2,000 00	.....	.....	2,000 00
University Studies .....	7,500 00	1,154 82	1,023 80	5,321 38
Total, Schedule 3 .....	\$54,700 00	\$17,571 00	\$20,320 10	\$16,808 90

## SCHEDULE 38.

STATEMENT OF THE ACCOUNTS FOR THE COLLEGES OF MEDICINE AND DENTISTRY  
AS AT DEC. 31, 1915.

	Appropriations.	Disbursements.	Encumbrances.	Balances.
General—				
Salaries.....	\$48,150 00	\$23,334 32	\$24,824 68	.....
Administration.....	2,700 00	1,945 10	320 42	\$ 434 48
Physical plant.....	19,272 00	12,460 10	108 15	6,703 75
Livestock.....	800 00	253 75	12 95	533 30
Anatomy.....	2,352 50	986 04	938 11	428 35
Bacteriology.....	1,050 00	702 36	.....	347 62
Chemistry.....	3,590 00	968 54	690 91	1,930 55
Pathology.....	2,850 00	525 40	692 73	1,631 87
Physiology.....	1,600 00	491 52	35 95	1,072 53
Laboratory stores.....	.....	1,460 03	583 57	*2,043 60
Supervisor's stores.....	500 00	277 43	157 70	64 87
Microscopes.....	.....	1,885 80	.....	*1,885 80
Students, lockers.....	1,500 00	.....	.....	1,500 00
Medical—				
Salaries.....	24,290 00	11,076 08	13,213 92	.....
Administration.....	6,055 00	4,130 63	179 20	1,745 17
Dispensary.....	3,000 00	1,148 33	236 95	1,614 72
Medicine.....	2,000 00	198 71	9 00	1,792 29
Obstetrics.....	2,200 00	949 10	5 00	1,245 90
Pharmacology.....	3,786 51	2,475 60	726 15	1,584 76
Research.....	1,835 00	402 44	18 50	1,414 06
Roentgenology.....	1,100 00	201 23	168 90	729 87
Surgery.....	2,400 00	227 01	36 25	2,136 74
Library.....	5,500 00	2,403 58	1,311 31	1,785 11
Dental—				
Salaries.....	22,020 00	10,358 07	11,661 93	.....
Administration.....	3,450 00	1,838 23	612 16	999 61
Histology.....	650 00	179 35	86 75	383 90
Infirmary.....	7,000 00	4,351 77	121 40	2,526 83
Materia Medica.....	400 00	187 65	96 12	116 23
Operative Dentistry.....	300 00	37 20	30 70	232 10
Oral Surgery.....	500 00	158 13	271 95	69 92
Prosthetic Dentistry.....	750 00	257 68	10 00	482 32
Radiology.....	1,200 00	107 87	709 50	382 63
Research.....	1,000 00	331 41	230 50	438 09
Mortgage and interest and unassigned.....	26,189 99	6,526 02	.....	19,663 97
		\$92,836 50		\$49,062 14
Outstanding—				
G-758, General Anatomy..... \$ 0 96	.....	.....	.....	.....
M-142, Medical salaries..... 60 00	.....	.....	.....	.....
237, Medical salaries..... 60 00	.....	.....	.....	.....
324, Medical salaries..... 60 00	.....	.....	.....	.....
G-200, General salaries..... 5 00	.....	.....	.....	.....
259, General salaries..... 5 00	.....	190 96	.....	190 96
Total, Schedule 3.....	\$200,000 00	\$92,645 54	\$58,101 36	\$49,253 10

\* Overdraft.

## SCHEDULE 39.

## STATEMENT OF THE ACCOUNTS FOR OTHER SCHOOLS AND DEPARTMENTS AS AT DEC. 31, 1915

Colleges and Schools.	Appropriations.	Disbursements.	Encumbrances.	Balances.
Salaries.....	\$99,235 50	\$46,490 08	\$52,745 42	.....
College of Commerce.....	6,755 00	783 09	849 73	\$ 5,122 18
College of Law.....	3,300 00	802 10	34 40	2,463 50
School of Library Science.....	1,175 00	216 25	34 36	924 39
School of Music.....	1,860 00	989 34	30 74	839 92
School of Pharmacy.....	13,580 00	6,224 18	3,421 22	3,934 60
Law Library.....	5,000 00	1,633 21	2,087 23	1,279 56
Summer Session 915.....	23,838 55	23,712 48	30 00	96 07
Summer Session 1916.....	25,000 00	2 25	.....	24,997 75
Water survey—				
Salaries.....	15,000 00	5,665 95	9,334 05	.....
Traveling expenses.....	3,651 31	1,005 67	.....	2,645 64
Supplies and miscellaneous.....	4,076 57	458 73	138 04	3,479 80
New Building equipment.....	1,500 00	.....	.....	1,500 00

## SCHEDULE 39--Concluded.

Colleges and schools.	Appropriations.	Disbursements.	Encumbrances.	Balances.
Water survey--Concluded.				
Sewage experiments.....	\$5,000 00	\$ 799 34	\$160 00	\$4,040 66
University.....	8,916 15	4,721 95	.....	4,194 20
Accountancy committee.....	3,387 43	403 20	23 00	2,961 23
Summer Library School.....	665 00	615 00	.....	50 00
Total, Schedule 3.....	\$221,940 51	\$94,522 82	\$68,888 19	\$58,529 50

## SCHEDULE 301.

## TRUSTS FUND TRANSACTIONS AS AT DEC. 31, 1915.

	Balance July.	Receipts July— December.	Total receipts.	Disburse- ments July— December.	Balance Decem- ber 31.
Trust funds—					
B'nai B'rith Prize Fund.....	\$ 10 00	.....	\$ 10 00	.....	\$ 10 00
Bryan Prize.....	250 00	.....	250 00	.....	250 00
Class of 1895 Loan Fund—					
Interest.....	.....	\$ 5 00	5 00	.....	5 00
Principal.....	78	5 00	5 78	.....	5 78
Graduate Club Loan Fund—					
Principal.....	103 25	.....	103 25	\$ 75 00	28 25
McKinley Loan Fund—					
Interest.....	.....	317 84	317 84	.....	.....
Principal.....	251 02	1,651 00	1,902 02	1,755 00	444 86
Margaret Lange James Loan Fund—					
Interest.....	52 79	146 29	199 08	.....	199 08
Principal.....	2,763 20	2 00	2,765 20	2,750 00	15 20
Plym Fellowship—					
Interest.....	.....	.....	.....	20 96	*20 96
Principal.....	2,000 00	.....	2,000 00	2,000 00	.....
Snyder Loan Fund—					
Interest.....	28 19	284 57	312 76	300 00	12 76
Principal.....	642 17	1,309 18	1,951 35	1,725 00	226 35
Woman's League Loan Fund—					
Interest.....	.....	3 46	3 46	.....	3 46
Principal.....	18 83	300 00	318 83	.....	318 83
Wilson Lectureship.....	100 00	.....	100 00	100 00	.....
Trust deposits—					
Graduate School Theses.....	900 00	225 00	1,125 00	75 00	1,050 00
Keys.....	187 00	68 50	255 50	22 50	233 00
Military suits.....	.....	5,231 40	5,231 40	1,735 70	3,495 70
Prof. S. W. Parr.....	329 45	757 00	1,086 45	968 55	117 90
Towel system.....	301 75	709 00	1,010 75	30 00	980 75
Total.....	\$7,938 43	\$11,015 24	\$18,953 67	\$11,577 71	\$7,375 96

\* Overdraft.

## SCHEDULE 302.

## STATEMENT OF THE STORES AND TRANSFER ACCOUNTS AS AT DEC. 31, 1915.

	Inventory July 1, 1915.	Purchases Schedule 6.	Credits Schedule 2.	Stock on hand.
Office supplies.....	\$ 2,217 96	\$ 2,715 38	\$ 1,979 71	\$ 2,953 63
Postage.....	536 13	5,536 70	4,553 51	1,519 32
Physical plant stores.....	13,361 56	48,995 38	18,282 05	44,074 89
Printograph.....	.....	195 36	123 03	72 33
Blueprinting and photography.....	180 00	2,217 48	2,012 15	385 33
Labor.....	3,191 89	77,269 20	42,921 70	37,539 39
Total.....	\$19,487 54	\$136,929 50	\$69,872 15	\$86,544 89

## SCHEDULE 4.

RECONCILIATION WITH UNIVERSITY TREASURER AS AT DEC. 31, 1915.

General fund—		
Treasurer's balance .....		\$231,264 76
Deduct: Trusts fund receipts .....		80 87
Treasurer's corrected balance .....		\$231,183 89
Deduct: Warrants outstanding—		
Issued before July 1, 1913.....	\$ 341 37	
Issued 1913-14 .....	43 49	
Issued 1914-15 .....	764 96	
Issued 1915-16 .....	2,794 98	
		3,944 80
Business office corrected balance.....		\$227,239 09
Add: Error Warrant No. 3946.....		02
Business office balance.....		\$227,239 11
United States Agricultural Experiment Station Fund—		
Treasurer's balance .....		\$2,324 48
Deduct: Warrants outstanding .....		188 47
Business office balance .....		\$2,136 01
College of Medicine Fund—		
Treasurer's balance .....		\$133 75
Deduct: Warrants outstanding .....		133 75
Business office balance .....		\$000 00
United States Smith-Lever Fund—		
Treasurer's balance .....		\$3,138 02
Deduct: Warrants outstanding .....		1,397 33
Business office balance .....		\$1,740 69
Trusts fund—		
Treasurer's balance .....		\$7,520 09
Add: Receipts credited to general fund.....		80 87
Treasurer's corrected balance .....		\$7,600 96
Deduct: Warrants outstanding .....		225 00
Business office balance .....		\$7,375 96

## SCHEDULE 5.

RECONCILIATION WITH STATE AUDITOR AS AT DEC. 31, 1915.

	Auditor's balance.	Deduct.		Business office balance.
		1916-17 ap- propriations.	Unpaid vouchers.	
Buildings, land and equipment.....	\$ 637,898 22	\$ 463,500 00	\$ 1,915 08	\$172,483 14
Administrative offices.....	120,004 55	80,855 00	410 14	38,739 41
General departments.....	169,756 29	118,450 00	854 45	50,451 84
Instruction.....	1,814,671 71	1,319,945 00	20,115 83	474,610 88
Research.....	167,390 93	103,000 00	1,993 36	62,397 57
Physical plant.....	366,768 15	231,750 00	246 29	134,771 86
Contingent.....	489,933 74	259,629 05	1,115 39	229,189 30
Water survey .....	22,271 85	7,250 00	973 66	14,048 19
Total.....	\$3,788,695 44	\$2,584,379 05	\$27,624 20	\$1,176,692 19

## SCHEDULE 6.

## DISBURSEMENT RECONCILIATION DEC. 31, 1915.

	Schedule31 land and buildings.	Schedule32 physical plant.	Schedule33 adminis- tration and general.	Schedule34 liberal arts and sciences.	Schedule35 agri- culture.
Funds—					
University and Federal—					
General.....	\$ 36,276 04	\$ 1,722 51	\$18,676 82	\$ 3,646 23	\$ 36,821 82
United States Agricultural Ex- periment Station.....					13,768 57
United States Smith-Lever.....					16,400 41
State—					
Buildings, land and equipment....	262,026 78	577 35	8 16		862 48
Administration offices.....			37,405 59		
General departments.....	68 00		60,348 05	551 95	40 00
Instruction.....			7,880 48	224,334 19	253,665 20
Research.....					
Physical plant.....	96 97	80,076 21			
Contingent expenses.....			8,965 69		
Water survey and investigation..					
Miners and mechanics institutes..					
Total.....	\$298,467 79	\$82,376 07	\$133,284 79	\$228,532 37	\$321,558 48

## SCHEDULE 6—Concluded.

	Schedule36 engi- neering.	Schedule37 graduate school.	Schedule38 medicine and dentistry.	Schedule39 mis- cellaneous.	Schedule 3 fund totals.
Funds—					
University and Federal—					
General.....	\$ 3,210 28	\$ 9 86	\$ 8,444 61	\$ 5,592 89	\$*114,401 06
United States Agricultural Ex- periment Station.....					13,768 57
United States Smith-Lever.....					16,400 41
State—					
Buildings, land and equipment..					*263,474 77
Administration offices.....					37,405 59
General departments.....	20			89 96	61,098 16
Instruction.....	121,840 46	43 98	80,924 87	79,732 44	*768,421 62
Research.....	17,085 27	17,517 16			34,602 43
Physical plant.....			3,276 06		*83,449 24
Contingent expenses.....	1,038 12			1,177 84	11,181 65
Water survey and investigation..				7,929 69	7,929 69
Miners and mechanics institutes	1,353 77				1,353 77
Total.....	\$144,528 10	\$17,571 00	\$92,645 54	\$94,522 82	\$1,413,486 96

\* Does not include stores.

Trusts, Schedule 301 .....		\$ 11,577 71
Stores, Schedule 302—		
From General Fund.....	\$136,336 01	
From buildings, land and equipment.....	542 09	
From physical plant .....	28 90	
From instruction .....	22 50	*136,929 50
Grand total disbursements, Schedule 1.....		\$1,561,994 17



## SCHEDULE 7.

OPERATING BALANCE SHEET, FISCAL YEAR ENDING JUNE 30, 1916, AS AT DEC. 31, 1915.  
*Assets.*

Cash—		
University Treasurer, schedule 1 (Not including Trusts Fund)...	\$231,115	81
Petty cash, schedule 1 .....	5,550	00
	<u>\$236,665</u>	<u>81</u>
Revenues receivable—		
From United States Treasurer .....	\$	33,140 90
From State Auditor—		
1915-16 appropriations, schedule 1 .....	1,185,942	19
Interest on endowment .....	16,176	70
From current receipts (estimated) .....	101,232	87
	<u>\$1,336,492</u>	<u>66</u>
Inventory of expendable supplies—		
Schedule 302 .....	\$86,544	89
	<u>\$1,659,703</u>	<u>36</u>
<i>Liabilities.</i>		
Appropriation accounts—		
Free balances, schedule 3.....	\$	577,025 96
Outstanding encumbrances, schedule 3 .....	1,102,295	61
Unexpended balances .....	\$1,679,321	57
Deduct: Amount credited to appropriation accounts in excess of income .....	39,105	75
	<u>\$1,640,215</u>	<u>82</u>
Surplus—		
On account of expendable supplies, schedule 302 .....	19,487	54
	<u>\$1,659,703</u>	<u>36</u>

## REGISTRAR'S REPORT OF FEES, SUMMER, 1915.

The Secretary presented also for record the Registrar's report of fees payable for the Summer Session of 1915.

	Gross.	Refund.	Net total.
Matriculation Fees—			
15 @ \$10 .....	\$150 00	.....	\$150 00
Incidental Fees—			
558 @ \$12 .....	\$6,696 00	.....	.....
Refund 51 @ \$12 .....	.....	\$612 00	\$6,084 00
37 @ \$6 (one-half) .....	222 00	.....	.....
Refund 13 @ \$6 .....	.....	78 00	.....
Refund 2 @ \$3 .....	.....	6 00	138 00
Total, incidental fees .....	\$6,918 00	\$696 00	\$6,222 00
Laboratory Fees—			
Botany .....	80 50	0 25	80 25
Chemistry .....	1,294 00	94 00	1,200 00
Entomology .....	50 50	2 00	48 50
General engineering drawing.....	5 00	1 00	4 00
Household science .....	26 00	2 00	24 00
Manual training .....	148 50	7 00	141 50
Physics .....	60 00	5 25	54 75
Theoretical and applied mechanics.....	17 00	3 00	14 00
Zoology .....	52 00	8 00	44 00
Total, laboratory fees .....	\$1,733 50	\$122 50	\$1,611 00
Visitors' Fees—			
2 @ \$7.50 .....	15 00	.....	.....
Refund 1 @ \$7.50 .....	.....	7 50	7 50
Change Fees—			
8 @ \$1 .....	8 00	.....	.....
Refund 7 @ \$1 .....	.....	7 00	1 00
Special Examination Fees—			
29 @ \$5 .....	145 00	.....	145 00
Total, special fees .....	\$168 00	\$14 50	\$153 50
Total, fees .....	\$8,969 50	\$833 00	\$8,136 50

**APPOINTMENTS TO FILL VACANCIES.**

The Secretary presented also for record the following list of appointments made by President James:

Baker, H. T., Instructor in English, for five months beginning February 1, 1916, at a salary of one hundred twenty dollars (\$120) a month. (February 1, 1916.)\*

Bixby, Madeline, Assistant Chemist in the State Water Survey, at a salary of sixty dollars (\$60) a month, beginning as soon as she reports for duty and continuing not longer than until August 1, 1916. (February 5, 1916.)

Craig, Florence M., Loan Assistant in the Library, on one-third time, at a salary of twenty-one dollars and sixty-six cents (\$21.66) a month, beginning February 14, 1916, and ending June 15, 1916. (February 5, 1916.)

Cuerdon, Fay, Stenographer in the Department of Animal Husbandry, at a salary of fifty dollars (\$50) a month, beginning February 1, 1916, and continuing until further notice, subject to the rules of the Civil Service Commission. (January 27, 1916.)

Curtiss, George, Assistant in Military Science, for five months beginning February 1, 1916, at a salary of twenty dollars (\$20) a month. (February 4, 1916.)

Emmett, A. D., Assistant Chief in Animal Nutrition in the Agricultural Experiment Station for twelve months beginning September 1, 1915, at a salary of two thousand dollars (\$2,000) a year. (January 25, 1916.)

French, H. E., Graduate Assistant in Chemistry, for five months beginning February 1, 1916, at a salary of thirty dollars (\$30) a month. (January 29, 1916.)

Graham, A. J., in charge of the Course in Operative Surgery given to the Sophomore Class in the second semester of the current academic year, without salary. (January 27, 1916.)

Gross, C. R., Assistant in Bacteriology for five months beginning February 1, 1916, at a salary of sixty dollars (\$60) a month. (January 27, 1916.)

Hathorne, W. S., Student Assistant in Chemistry, for six months beginning January 1, 1916, at a salary of ten dollars (\$10) a month. (January 29, 1916.)

Hultman, O. N., Student Assistant in Chemistry, for five months beginning February 1, 1916, at a salary of ten dollars (\$10) a month. (January 26, 1916.)

Johnson, L. C., Instructor in Chemistry, for five months beginning February 1, 1916, at a salary of one hundred twenty dollars (\$120) a month. (January 27, 1916.)

Kasten, W. H., Assistant in Military Science for five months, beginning February 1, 1916, at a salary of twenty dollars (\$20) a month. (February 4, 1916.)

Lamkins, L. E., Assistant in Military Science, for five months beginning February 1, 1916, at a salary of twenty dollars (\$20) a month. (February 4, 1916.)

Langelier, W. F., Assistant in Sanitary Chemistry, for six months beginning January 1, 1916, without salary. (January 29, 1916.)

Little, R. F., Lecturer on Elementary Law in the College of Commerce and Business Administration, for five months beginning February 1, 1916, at a salary of fifty dollars (\$50) a month. (January 27, 1916.)

McCumber, C. W., Assistant in Military Science, for five months beginning February 1, 1916, at a salary of twenty dollars (\$20) a month. (February 4, 1916.)

Mason, R. S., Assistant in Military Science, for five months beginning February 1, 1916, at a salary of twenty dollars (\$20) a month. (February 4, 1916.)

Miller, D. E., Assistant in Military Science, for five months beginning February 1, 1916, at a salary of twenty dollars (\$20) a month. (February 4, 1916.)

Norton, Bertha L., Clerk in the Library, at a salary of forty dollars (\$40) a month, beginning January 17, 1916, and continuing until August 31, 1916, subject to the rules of the Civil Service Commission. (January 29, 1916.)

Pittinger, B. F., Lecturer on Education, for five months beginning February 1, 1916, at a salary of two hundred forty dollars (\$240) a month. (January 25, 1916.)

Robinson, R. E., Instructor in Mechanical Engineering, from February 7, 1916, to June 30, 1916, with salary at the rate of one hundred twenty dollars (\$120) a month. (February 2, 1916.)

Rumry, Florence, Typist in the Department of Pharmacology of the College of Medicine, at a salary of forty dollars (\$40) a month, beginning January 1, 1916, and continuing until further notice, subject to the rules of the Civil Service Commission. (January 11, 1916.)

Shelby, Edwin, Assistant in Military Science, for five months beginning February 1, 1916, at a salary of twenty dollars (\$20) a month. (February 4, 1916.)

Steinmayer, R. A. J., Assistant in Military Science, for five months beginning February 1, 1916, at a salary of twenty dollars (\$20) a month. (February 4, 1916.)

Taylor, N. O., Student Assistant in Chemistry, for five months beginning February 1, 1916, at a salary of ten dollars (\$10) a month. (January 26, 1916.)

Thomas, R. R., Assistant in Military Science, for five months beginning February 1, 1916, at a salary of twenty dollars (\$20) a month. (February 4, 1916.)

Troster, O. J., Assistant in Military Science, for five months beginning February 1, 1916, at a salary of twenty dollars (\$20) a month. (February 4, 1916.)

Tyacke, Dorothy, Secretary to the State Leader of County Demonstration Work, at a salary of seventy-five dollars (\$75) a month, beginning November 1, 1915, and continuing until further notice. (January 17, 1916.)

Van Natter, F. M., Assistant in Military Science, for five months beginning February 1, 1916, at a salary of twenty dollars (\$20) a month. (February 4, 1916.)

\* The date in parenthesis is the date on which the appointment was made by the President of the University-

Whitecarver, R. L., Stenographer in the Department of Military Science, at a salary of fifty dollars (\$50) a month, beginning January 13, 1916, and continuing until further notice, subject to the rules of the Civil Service Commission. (January 22, 1916.)

W. L. ABBOTT, *President.*

H. E. CUNNINGHAM, *Secretary.*

## **MEETING OF MARCH 14, 1916.**

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The annual meeting of the Board of Trustees of the University of Illinois was held in the Trustees' Room, at the University, in Urbana, on Tuesday, March 14, 1916, beginning at 2.00 p. m.

The following members were present: President Abbott, Mr. Blair, Mrs. Busey, Mrs. Evans, Mrs. Henrotin, Mr. Hoit, Mr. Small, Miss Watson.

President James was present; also, during a part of the afternoon, Capt. Thomas J. Smith, a former member and president of the board, and Prof. J. M. White, Supervising Architect.

### **MINUTES APPROVED.**

The Secretary presented the minutes of the meeting of February 8, 1916. On motion of Mrs. Henrotin, the minutes were approved as printed on pages 883 to 912, inclusive.

### **ELECTION OF THE PRESIDENT OF THE BOARD.**

The Secretary, being called to the chair, called for nominations for the office of President of the Board of Trustees for the ensuing year.

Mrs. Evans nominated Mr. Abbott.

Mr. Abbott nominated Mr. Carr.

Mrs. Busey nominated Mr. Hoit. Mr. Hoit declined the nomination.

On motion of Mr. Blair, the nominations were closed, and the board proceeded to the ballot. The Secretary appointed Mr. Blair and Miss Watson to act as tellers. The tellers announced the vote as follows: Mr. Abbott, 7; Mr. Carr, 1. Mr. Abbott, having been declared elected, resumed the chair.

### **ELECTION OF SECRETARY.**

On motion of Mrs. Busey, Mr. Harrison E. Cunningham was reelected Secretary of the Board of Trustees for the ensuing year.

### **TELEGRAM OF SYMPATHY TO MR. CARR.**

On motion of Mrs. Evans, the Secretary sent to Mr. Robert F. Carr a telegram expressing the sympathy of the board with Mr. Carr in his illness, and their hope for his speedy recovery.

### **ELECTION OF MEMBERS OF THE EXECUTIVE COMMITTEE.**

Mrs. Busey nominated Mr. Robert F. Carr and Mr. Otis W. Hoit to constitute with the President of the board (as chairman) the Executive Committee of the Board of Trustees for the ensuing year.

On motion of Mrs. Evans, the nominations were closed and the board voted to elect Mr. Carr and Mr. Hoit members of the Executive Committee for the ensuing year, and they were declared elected.

### **AUTHORITY TO RECEIVE MONEYS.**

On motion of Mr. Small, the following resolution was adopted:

*Resolved*, That the Treasurer of the Board of Trustees of the University of Illinois is hereby authorized to receive and receipt for all moneys and to endorse all orders, drafts, and checks, due and payable to the Board of Trustees, or to the University of Illinois, and especially all drafts drawn by the Treasurer of the United States payable to the Board of Trustees, or to the University of Illinois, on account of the Agricultural Experiment Station or of the cooperative extension service in agriculture and home economics undertaken by the University of Illinois and the United States Department of Agriculture under the Smith-Lever Act.

**AUTHORITY TO DELEGATE SIGNING OF VOUCHERS AND WARRANTS.**

On motion of Mr. Blair, the following resolution was adopted:

*Resolved*, That Mr. W. L. Abbott, President of the Board of Trustees, and Mr. H. E. Cunningham, Secretary of the Board of Trustees, are authorized to delegate the signing of their names as President and Secretary, respectively, on vouchers drawn on the Auditor of Public Accounts of the State of Illinois, to Mr. W. B. Castenholz, Comptroller, and Mr. L. E. Knorr, Assistant Comptroller.

**WARRANTS ON UNIVERSITY TREASURER.**

On motion of Mr. Hoit, the following resolution was adopted:

*Resolved*, That Mr. W. L. Abbott, President of the Board of Trustees, is authorized to delegate the signing of his name as President on warrants drawn on the Treasurer of the Board of Trustees of the University of Illinois to Mr. L. E. Knorr, Assistant Comptroller.

**MATTERS SUBMITTED BY THE PRESIDENT OF THE UNIVERSITY.**

The board proceeded to the consideration of the following matters submitted by President James:

**APPOINTMENT OF PROF. BLACKWELDER.**

(1) Announcement of the appointment and acceptance of Dr. Elliot Blackwelder, as Professor of Geology, at a salary of \$4,000 a year, beginning September 1, 1916. This appointment was authorized December 14, 1915 (see page 866).

This statement was received for record.

**MR. C. M. DELANY APPOINTED EXAMINER IN ACCOUNTANCY.**

(2) A recommendation from the University Committee on Accountancy that Mr. C. M. DeLany, of the firm of Anderson, DeLany, and Company, Certified Public Accountants, of Chicago, be appointed a member of the Board of Examiners in Accountancy for a term of three years beginning July 1, 1916.

On motion of Mr. Blair, this recommendation was approved.

**APPOINTMENT OF MISS LORINDA PERRY.**

(3) A recommendation from Prof. Isabel Bevier, endorsed by the Dean of the College of Agriculture, that Miss Lorinda Perry, of Rockford, Ill., be appointed Associate in Household Science for a term of two years at a salary of eighteen hundred-dollars a year, beginning September 1, 1916.

On motion of Mr. Hoit, this appointment was made.

**RECOMMENDATIONS OF THE UNIVERSITY SENATE.**

(4) Two recommendations made by the University Senate at a meeting held February 14, 1916:

**FOUR-YEAR COURSE IN PUBLIC-SCHOOL MUSIC.**

(a) That the present two-year curriculum in public-school music leading to a certificate be abolished, and that instead the students in public-school music take a four-year curriculum, of which the first three years shall be identical with the present curriculum leading to the bachelor's degree, while, in the fourth year, Music 25 (Public-School Music) shall be substituted for the practical major; also that voice be required throughout the four years of this curriculum as either a major or a minor; this curriculum to lead to the degree of Bachelor of Music.

**THREE UNITS IN AGRICULTURE FOR ADMISSION.**

(b) That the statement of entrance requirements be amended by changing the first item in List C as printed on page 72 of the Annual Register for 1914-15 to read: *Agriculture, 36 to 108 weeks, 1 to 3 units*, in place of *Agriculture, 36 to 72 weeks, 1 to 2 units*.

On motion of Mr. Blair, these recommendations of the Senate were approved.

**CIVIL SERVICE EXAMINATIONS.**

(5) A letter from the State Civil Service Commission expressing its appreciation of the assistance which various members of the Faculty of the University have rendered to the commission in its work:

SPRINGFIELD, ILL., March 1, 1916.

Mr. E. J. James, President, University of Illinois.

DEAR SIR: During the past few months the commission has called upon the University for assistance an unusual number of times.

I wish to take this opportunity to express to you the appreciation of the commission for the prompt action taken on all these requests and the very valuable assistance which has been given by numerous members of the University Faculty. The University has cooperated in a most valuable way in the work of this commission.

Very truly,

STATE CIVIL SERVICE COMMISSION,  
By W. R. ROBINSON, Secretary.

This letter was received for record.

#### APPROPRIATION FOR PHYSICAL TRAINING FOR WOMEN.

(6) A recommendation that an additional appropriation of two hundred dollars be made for the expenses of the Department of Physical Training for Women for the present fiscal year.

On motion of Mrs. Evans, this appropriation was made. The vote was as follows: Ayes, Mr. Abbott, Mr. Blair, Mrs. Busey, Mrs. Evans, Mrs. Henrotin, Mr. Hoit, Mr. Small, Miss Watson; noes, none; absent, Mr. Carr, Mr. Dunne, Mr. Trevett, Mr. Ward.

#### GRADUATE FELLOWSHIPS AND SCHOLARSHIPS.

(7) A recommendation that the sum of twenty-five thousand dollars be appropriated for scholarships and fellowships in the Graduate School for the academic year 1916-17, and that the President of the University be authorized to appoint to these positions such persons as may be recommended by the Executive Faculty of the Graduate School.

On motion of Mr. Small, this appropriation was made and authority was given as requested. The vote was as follows: Ayes, Mr. Abbott, Mr. Blair, Mrs. Busey, Mrs. Evans, Mrs. Henrotin, Mr. Hoit, Mr. Small, Miss Watson; noes, none; absent, Mr. Carr, Mr. Dunne, Mr. Trevett, Mr. Ward.

#### MILL TAX ASSESSMENTS.

(8) The following letter from Judge O. A. Harker concerning the assessment of the University mill tax:

*February 29, 1916.*

*President Edmund J. James, University of Illinois.*

MY DEAR PRESIDENT JAMES: Complying with your request of a few days ago, I will report that I have conferred with the county clerk concerning the spread of the mill tax for the support of the University on the tax collector's books, and that he has read to me the mandate received from the State Auditor. The mandate is couched in the same language as that agreed upon by Mr. Eubanks and myself, immediately after the Mill Tax Law went into effect.

You will remember that you requested me to go to Springfield a year or two ago for a conference with the Auditor's office concerning the mandate. And the one then agreed upon has been in use ever since, as I am informed. The State tax levies for this county are not spread upon the tax collector's books in detail, but are extended *en masse*, but the tax will be collected just the same. All that will be required from us is to see that the amount collected shall be set aside for the use of the University, and remain there until appropriated by act of the General Assembly, as contemplated by the act of June 10, 1911. If you so desire, I will, at the proper time, confer with the State Treasurer, with a request that that be done.

Yours truly,

O. A. HARKER, *Legal Counsel.*

This letter was received for record.

#### FEES FOR USE OF PRACTISE ORGAN.

(9) A recommendation that a rate of twenty dollars be fixed as the full semester's charge for practise on the University practise organ for one hour a day; ten dollars for one-half of a semester; seven dollars for one-third of a semester or two hours a week for the full semester; six dollars for one-fourth of a semester; and for shorter periods at the flat rate of twenty-five cents an hour.

On motion of Mr. Hoit, this recommendation was concurred in.

#### HISTORY OF THE UNIVERSITY.

(10) The following statement:

Preparatory to the celebration of the fiftieth anniversary of the founding of the University, I have been making arrangements, under authority given me by the board (April 10, 1912, see Report, 1912, p. 584; also see Minutes for September 27, 1915, page 835) for the preparation of a comprehensive history of the University, and also of a single volume history. Dr. B. E. Powell is now at work on the preparation of the manuscript of the larger work.

The Oxford Press, publishers of a series of histories of American colleges and universities, have been persuaded to include in their series one volume on the University of Illinois. Mr. Joseph Allan Nevins, a graduate of the University (1912) and at present one of the editorial writers on the New York Evening Post, has agreed to prepare this history for the Oxford Press series. He is acceptable to the Oxford people. For his remuneration for this work he relies on the royalties which the publishers will pay, but he desires the University to advance certain sums for expenses amounting to two hundred and seventy-five dollars, this sum to be returned to the University from the first returns in royalties paid by the Oxford Press; also that the University shall defray his traveling expenses (not to exceed one hundred dollars) from New York to Urbana to check up his work by records which can be obtained only here; and that the University shall pay the freight and express charges on books or manuscripts which may be sent to him from the University for use in the preparation of this book.

On motion of Miss Watson, this arrangement was approved and the sum of four hundred dollars, or so much thereof as may be required, was appropriated for this purpose. The vote was as follows: Ayes, Mr. Abbott, Mr.

Blair, Mrs. Busey, Mrs. Evans, Mrs. Henrotin, Mr. Hoit, Mr. Small, Miss Watson; noes, none; absent, Mr. Carr, Mr. Dunne, Mr. Trevett, Mr. Ward.

#### APPOINTMENT OF PROF. C. M. YOUNG.

(11) A recommendation that the President of the University be given authority to appoint Mr. Clinton M. Young to be Assistant Professor of Mining Research at a salary of twenty-four hundred dollars a year, beginning when he may report for duty and terminating July 1, 1917, in place of Prof. S. O. Andros, resigned.

On motion of Mr. Blair, this appointment was authorized.

#### LEAVE OF ABSENCE FOR PROF. GREEN.

(12) A request from Prof. Frederick Green of the College of Law for leave of absence on half-pay for the academic year 1916-17, under the general rules of the University.

On motion of Mrs. Busey, the President of the University was authorized to grant this request, provided satisfactory arrangements are made for Prof. Green's work during his absence.

#### SMITH SCHOLARSHIPS IN MUSIC.

(13) The following statement:

When Capt. Thomas J. Smith conveyed to the Board of Trustees certain farm lands from the proceeds of which a building for the use of the School of Music might be erected, he requested that four free scholarships be granted annually in the School of Music for "young women who may seek a musical education but who are unable to pay the customary charges for instruction in music." He indicated also a preference that these scholarships should be assigned to candidates from Champaign County, or, in default of candidates from this county, to young women from other counties in Illinois. The Registrar of the University has drafted the following regulations concerning these scholarships, in accordance with the rules governing other scholarships and embodying Capt. Smith's wishes in regard to the manner of their assignment.

#### REGULATIONS.

1. These scholarships shall be good for one year and shall exempt their holders during this period from matriculation, incidental, and music fees.

2. A person who during her year of tenure of one of these scholarships shall make an average grade of 85 in all subjects shall be eligible for reappointment to it for a second year, and on the same basis may be reappointed for a third year and a fourth year.

3. Each applicant for original appointment to one of these scholarships shall present a recommendation from a principal of a high school accredited to the University of Illinois, certifying that she is a graduate of the said high school, that she is a student of ability and promise, and that in the judgment of the principal of the high school she is unable to pay the customary charges for instruction in music.

4. Each applicant for original appointment to one of these scholarships shall pass the University entrance examinations in the following subjects: English composition and rhetoric, 1 unit; algebra, 1 unit; Latin or French or German, 2 units; music, 2 units; these examinations to be taken with the regular fall entrance examinations of the University. The scholarships shall be awarded to the candidates from Champaign County who make the highest average grade in these four examinations. In case the number of successful candidates from Champaign County is fewer than the number of available scholarships, the remaining scholarships shall be awarded to the candidates from other counties in Illinois having the highest average grade in these four examinations. But no scholarship shall be awarded to any candidate who fails to make a passing grade (70) in any one of the four subjects of the examination.

5. A candidate for original appointment must also satisfy in full the entrance requirements of the School of Music as stated in the University catalog, and must matriculate in that school for the fall semester immediately succeeding the examination.

6. No person who has attended the University of Illinois shall be eligible for original appointment to one of these scholarships.

On motion of Miss Watson, these regulations were approved.

#### UNIVERSITY OF ILLINOIS DIRECTORY.

(14) The following statement:

The University of Illinois Directory, on which we have been working for some two and one-half years, is now ready to send to press. It will contain about 35,000 names of persons who have been connected with the University as students, faculty members, administrative officers, and Trustees. The book will contain a concise biography of each person, with degrees, institutions attended, chief positions held, present address, and occupation. Names will be listed alphabetically and geographically.

It is recommended that the contract be assigned to the Pantagraph Printing and Stationery Company of Bloomington, Ill., the lowest bidder, in accordance with the contract herewith submitted. The cost for four thousand copies is estimated to be \$4,534.33, exclusive of author's corrections.

On motion of Mr. Small, the Comptroller was authorized to award this contract to the Pantagraph Printing and Stationery Company, and the sum

of five thousand dollars, or as much thereof as may be necessary, was appropriated for the printing of this volume. The vote was as follows: Ayes, Mr. Abbott, Mr. Blair, Mrs. Busey, Mrs. Evans, Mrs. Henrotin, Mr. Hoit, Mr. Small, Miss Watson; noes, none; absent, Mr. Carr, Mr. Dunne, Mr. Trevett, Mr. Ward.

#### PAYMENT OF HOSPITAL BILLS FOR MR. H. O. FREY.

(15) The following statement:

Mr. H. O. Frey, a sophomore in the University, was injured by an explosion of a detonating cap while engaged in military drill with the telegraphing squad of the signal company of the University Brigade on October 21, 1915. His leg was injured to such an extent as to require medical attention. Mr. Frey was in the hospital for a while. He requests that hospital and physician's expenses (\$117.95) be reimbursed him.

On motion of Mrs. Evans, the Comptroller was authorized to pay Mr. Frey the sum of \$117.95. The vote was as follows: Ayes, Mr. Abbott, Mr. Blair, Mrs. Busey, Mrs. Evans, Mrs. Henrotin, Mr. Hoit, Mr. Small, Miss Watson; noes, none; absent, Mr. Carr, Mr. Dunne, Mr. Trevett, Mr. Ward.

#### LEAVE OF ABSENCE FOR MEMBERS OF STAFF IN ARTILLERY COMPANY.

(16) A letter from Prof. B. W. Benedict, Captain of Battery F, Field Artillery, National Guard of Illinois, saying that he had been asked whether this battery was ready for service in case the Governor should call it out, and also whether the batterymen would enlist for service in case a request to that effect should be made.

Mr. Benedict desires to know what arrangement the University is willing to make in the case of those officers and men who are on the instructional or administrative staff of the University.

On motion of Mr. Blair, the President of the University was authorized to grant leave of absence with full pay (less the amount of salary paid by the United States Government), to those members of the staff of the University who may enlist for service in connection with membership in Battery F of Field Artillery of the Illinois National Guard, for a period not longer than until August 31, 1916, with the understanding that such enlistment shall not prejudice their chances for continuing in the service of the University. Miss Watson requested to be recorded as voting "No" on the question of granting full pay.

#### APPROPRIATIONS FOR CHEMISTRY AND BACTERIOLOGY.

(17) A request from Prof. W. A. Noyes, Director of the Chemistry Laboratory, for an additional appropriation of two thousand dollars for the use of the Department of Chemistry for the remainder of the present fiscal year. Also a request for an additional appropriation of five hundred dollars for the use of the division of bacteriology in the Department of Botany.

A considerable portion of the supplies ordered last year from foreign countries for the use of the University laboratories did not finally reach us and it was found necessary from time to time during the year to order from dealers in America apparatus and chemicals to take the place of the foreign orders. This has meant an increased expense for this item which was not contemplated in the budget.

On motion of Mr. Hoit, the President of the University was authorized to make these appropriations. The vote was as follows: Ayes, Mr. Abbott, Mr. Blair, Mrs. Busey, Mrs. Evans, Mrs. Henrotin, Mr. Hoit, Mr. Small, Miss Watson; noes, none; absent, Mr. Carr, Mr. Dunne, Mr. Trevett, Mr. Ward.

#### SMITH MUSIC BUILDING.

(18) The following statement:

We have been considering with great care during the past months the preparation of plans and the ways and means of securing the erection of the Music Building contemplated by the gift of lands by Capt. Thomas J. Smith. I have asked the Supervising Architect to present at this time for the consideration of the board the plans for a building, and I have asked Capt. Smith also to be present during this consideration.

The Trustees have authorized the sale of the lands given by Capt. Smith, provided the price which he set on them can be obtained [pp. 114, 899]. The board has also authorized the listing of these lands for sale by Mr. Bruce Henderson, of Champaign, with the request that any reasonable offer for the lands shall be submitted for the consideration of the board.

If the board proceeds with the erection of this building it will be necessary to sell some of these lands or place mortgages on them or to defray the entire expense from other funds within the control of the Trustees. This will necessitate a postponement of other desirable and necessary building schemes until this one is completed.

I recommend that the board approve the plans in general as presented by the Supervising Architect and direct him to proceed as rapidly as feasible with the preparation of the detailed drawings, to be submitted to the board for approval.



Prof. White presented the plans of a building to cost about two hundred and fifty thousand dollars and to be located on the site immediately east of the Auditorium.

Capt. Smith made a statement of his wishes concerning the proposed building and the development of the School of Music.

On motion of Mrs. Busey, the recommendation of the President of the University was approved.

#### PLANS FOR LIBRARY BUILDING.

(19) Plans for the new Library Building to be erected on the east and west axis of the Armory and the north and south axis of the center of Wright Street, prolonged.

Prof. White explained these plans and indicated the manner in which the building could be erected by sections and the portion of the building which should be erected first.

This matter was discussed at length, but no action was taken.

#### EDUCATION BUILDING.

(20) A sketch of the exterior of the building for the School of Education, prepared by Holabird, Roach, and Company of Chicago.

Prof. White explained this sketch and the plans. No action was taken.

#### HORTICULTURE BUILDING.

(21) Plans for a proposed building for the Department of Horticulture, to be located east of Lincoln Avenue and south of Maple Street, in Urbana.

Prof. White explained these plans. No action was taken.

At this point, Mrs. Henrotin withdrew.

#### WOMEN'S RESIDENCE HALL.

(22) A report of the Supervising Architect concerning the plans for the Women's Residence Hall.

Mrs. Evans presented the following report of a special committee consisting of Mrs. Evans and Miss Watson, appointed February 8, 1916 [page 898]:

Your committee appointed at the last board meeting following the discussion of the advisability of arranging to house more girls in the Residence Hall met at the University the following day and found it feasible to make certain modifications which seemed to be in accordance with the desire of the members of the board as expressed at the meeting.

The plan was arranged to provide for 89 single rooms in addition to the suite for the matron, the maids' rooms, and the hospital suite. The modified plan provides 28 double rooms and 44 single rooms, accommodating 100 persons in addition to the matron's suite and six rooms on the top floor for the maids. Many of the double rooms are corner rooms having two windows and the double rooms which are not on the corner have more than one window each. This arrangement of the plan made it possible to shorten the wings of the building so that now the lot is not crowded.

The main dining room has been reduced in size so that it is best to use it exclusively for the girls in the house. An additional dining room is provided in the east wing for outsiders but will be served from the same kitchen. There is an independent outside entrance to this dining room so that those patronizing it cannot obtain access to the Residence Hall proper.

This report was received for record.

#### HIGH SCHOOL CONFERENCE.

(23) A statement concerning the High School Conference:

This conference meets annually at the University on Thursday evening, Friday, and Saturday of the week-end before Thanksgiving. The government of the conference is effected by committees rather than by elective officers. The general committee is composed of:

1. The Executive Committee of seven members, appointed by the President of the University, to oversee the use of funds appropriated by the Board of Trustees for financing the conference.

2. The chairmen of the Executive Committees of the various sections, fourteen in number, as an advisory body.

The proceedings of the conference are printed at the expense of the University. Committee members called to meet at other times than the dates of the conference are paid the necessary hotel and traveling expenses. Chairmen of committees or committee members who are called on to incur expenses in preparing work, telephoning or telegraphing, or for postage and stationery, are entitled to reimbursement for the same. All persons preparing papers or reports for actual meetings and presenting the same at the sessions of these sections are reimbursed for their railroad fare, provided further that only four persons for each annual session of the section, may be thus reimbursed.

It is the opinion of those in charge of this conference that it is one of the most valuable services rendered the teaching force of the State of Illinois. The boards of education of many high schools permit their teachers to attend this meeting without deduction from their pay. Many school boards defray in whole

or part the expenses of the teachers while attending this conference. The expense account of the last conference is printed herewith. It represents in a general way the annual expenditures:

## EXPENDITURES, 1915.

Traveling expense .....	\$506 98
Clerical work .....	58 55
Printing .....	54 25
Office expense .....	1 88
Refreshments at reception .....	75 00
	<hr/>
	\$696 66
Publication of report (estimated) .....	725 00
	<hr/>
Total .....	\$1,421 66

This conference is a unique educational enterprise and people have visited it from nearly every state in the Union to study its organization and work. Prof. H. A. Hollister, High School Visitor, deserves chiefly the credit for elaboration of the plans and the successful organization and administration of the conference.

Superintendent Blair stated in connection with this report that he regarded this conference as a most important element in the educational work of the State and hoped that it would be made more and more efficient.

## PROPOSED BUILDING FOR AGRICULTURE.

(24) A letter from the Dean of the College of Agriculture as to the necessity of more space for that college.

*Edmund Janes James, President, University of Illinois.*

DEAR SIR: I have the honor to report at this time upon the conditions that surround the agricultural work of the University with respect to space for office, laboratory, classroom, library, museum, and other similar facilities for the work of instruction and research—conditions that unless relieved will slowly but surely block the work of the institution.

Within a few months the next Legislature will be in session and well before that time definite plans of some character should be determined for relief.

It will then have been six years since we asked for the sum of \$337,000 for an addition to the Agriculture Building in order to provide space for the anticipated increase in attendance. However, the great need for funds at that time for the further support of the College, and the conclusion of the University that the agricultural plant should not permanently occupy its present position led to a withdrawal of the request for additional space in spite of the threatened conditions.

Since that time the registration has increased from 691 to 1,255, an average of over 100 a year. The faculty has increased from 74 to 153 and the graduating class from 51 to 191, a truly alarming (!) and disproportionate increase for the short space of five years.

It would have been impossible to care for the increase, particularly in the upper classes, except for a chain of circumstances that combined to relieve congestion, among which are the following:

1. Roofing the court of the Agriculture Building added some ten thousand square feet of space, about half of which is available for classrooms, the remainder serving for library, reading room, packing, and storage.

2. The Floriculture Building recently erected cares completely for the floricultural interests, and the plant for olericulture is equally effective.

3. The Stock Judging Pavilion relieved a space of 40 by 60 feet in the Agriculture Building (fully absorbed by moving Dr. Grindley's work from the Chemistry Building) and provided some half-dozen offices. While the tanbark arena is not suitable for general class purposes, yet it has been pressed into this service, accommodating as many as three classes at a time.

4. The Genetics Building, of so-called temporary construction, has been built this year. It relieves one room in the Agriculture Building, but its chief function is to provide adequate space for work in genetics, a subject much in demand, yet impossible to properly handle under the present restricted conditions.

5. The Academy has been abolished and the conditions under which special students are received have been greatly restricted, being now the same as for other colleges in the University, all of which has been accomplished without the addition of two-year courses, special courses, or any other device to provide instruction of secondary grade.

6. All elective privilege has been taken away from the freshmen, putting them into larger bodies with set courses, reserving the most expensive and space-consuming courses for upper classmen.

7. In addition, all junior and senior courses have been made elective, a procedure absolutely necessary in order to prevent the blocking of graduation of many men by lack of laboratory space in required courses. Without this device we should have been obliged before this to change the requirements so as to throw a larger proportion of instruction into nonagricultural departments or make graduation impossible for a considerable number of men.

8. Besides these devices to economize money and space, there has been a settled policy of the College Faculty to keep numbers down by refusing admission to transfers not in good standing; by urging all who have not lived at least a full year upon a farm to drop out not later than the sophomore year and get this experience before completing their course; and by frankly advising many individuals of mediocre academic ability not to continue in college, but to stop with one year and go at once to work.

That all this has been exceedingly effective is shown by comparative registrations. Up to six years ago Illinois led all the colleges, with a registration of 683, surpassing Cornell, its closest competitor, by 150. Now, however, New York, has 1,600 regular students, or 350 more than Illinois, besides some 1,250 two-year and short course men, or nearly 3,000 in all. It would have been impossible to care for such numbers here. Whether they would have presented themselves under conditions similar to those at Cornell is, of course, problematical.

What is positive cause for alarm is the fact that we are at the end of our resources for economizing space. We have gone to the limit in saving space by control of elective courses nor can we go much farther in urging students to drop their work, even temporarily. A good many courses are already closed before registration is complete. Even seniors are beginning to find it difficult, not merely to get what they want, but to get anything that will be accepted for graduation, and the time is right at hand when the University must adopt comprehensive measures for providing, not a little, but a large amount of new space in which to care for the students certain to present themselves. Even so, it will be exceedingly difficult to do this promptly enough to meet conditions adequately.

There is already a widespread feeling over the State that we are unable to take proper care of agricultural students. However, the increase of one hundred a year shows no signs of abatement, but rather of acceleration. To permanently discourage this normal increase by inadequate facilities would be most unfortunate.

More and more students are doing their earlier work elsewhere and presenting themselves with two or three years of advanced standing. The marvelous increase in the graduating class, almost quadrupled in five years, with all that it means in increased demands on us, are startling facts whose significance cannot be ignored.

Additional buildings, such as the Horticulture Building, feeding plants, barns, and so forth, will be without effect at the point in question, and we have arrived at the time when constructive and comprehensive steps must be taken and publicly announced for the relief of the situation.

Two years ago I pointed out approaching conditions and I can only say that all I feared then has transpired, and there is now no alternative but to provide at the earliest possible date at least double the space now available, or to turn away students, before another biennium has passed.

Inasmuch as no more relief is in sight through miscellaneous agricultural buildings and inasmuch as we cannot rely upon such as the Chemistry Building for other than temporary relief, the question of a new building is squarely before us, with the alternative of turning away students.

Our offices are now scattered in ten different University buildings, three-fourths of a mile between extremes. Only two classrooms remain in the old Agriculture Building, exclusive of the Court. The work is scattered and extremely difficult of administration. Many of the faculty are destitute of comfortable quarters in which to work. My own office is lighted by artificial light entirely. The students are becoming restless—in short, the college is suffering and is bound to suffer more before relief can possibly be afforded, even by the most prompt and effective action.

I do not believe the State would for a moment justify the University in limiting registration and turning away students, but I understand perfectly well that adequate space cannot be provided out of the mill tax. Everybody has seen the time approaching when this condition would have to be faced and accordingly, by permission of the Trustees, some preliminary studies have been made as to space that would be required when the college has in all probability assumed its stable condition as to numbers.

I have been at some pains to ascertain the judgment of students, faculty members, and citizens outside as to what in their opinion that number would be within twenty years or thereabouts. The estimates range from twenty-five hundred to three thousand, and I have no doubt that these numbers will be upon us if the University continues its policy of freely offering undergraduate work in agriculture. Not only that, the graduate work will increase, as will also that of research. Tho the subject is going into the high schools and smaller colleges, yet in the opinion of those best qualified to judge, this fact will in no wise operate to the relief of the University either in numbers of students or the grade of instruction demanded.

The increasing interest in farming, the impulse for higher education among country people, and the call for teachers of this subject in secondary schools, all point to increased demands, particularly when we recall that this is the only institution of strictly collegiate grade in one of the largest and most populous farming states in the Union.

Not only that, the system of county advisers, already on a national basis, is certain to result in increased demands upon the Experiment Station, if not in the number of questions submitted for solution; certainly in their character and difficulty. For all these reasons, too, the demands upon us for graduate work are certain to increase.

Everything considered, the new plant should provide not less than three times the space of the present Agriculture Building. Even so, it would not much more than double the space now available when we consider the outlying territory at present occupied.

Such a building, of three hundred thousand square feet, of fireproof construction, such as is now being erected by the University, would cost, according to the architect's estimate \$1,600,000, and by the time the furniture, fixtures, and laboratory equipment are provided it is a \$2,000,000 proposition, under the closest kind of estimate. Anything less than this will come short of the needs in respect either to space or to the permanency of construction so much needed in a building receiving the hard usage which this structure will receive.

There is no relief in building separately for different departments or interests—indeed, a single building is more economical because in that way we combine

library and museum interests and avoid the duplication of large classrooms which can be used in common by different departments.

There is no hope that such a building can be provided either now or ever out of the mill tax revenue. Furthermore, the College cannot wait ten years for relief. It cannot wait five years without some substantial relief, but naturally if such a building were under process of construction that fact in itself would do much to allay restlessness and encourage both students and faculty by the prospect of better things. If, however, such a building is to be looked to as a means of relief it must be provided in some form by the coming Legislature. The policy must be announced early and a campaign started before election. For that reason I am asking at this time that the Trustees take the matter into serious consideration and determine whether in their judgment such a campaign should be opened.

Two years ago the feeling was general that such a campaign was inadvisable. Whether it is now advisable is for the Trustees to determine, but I have given abundant evidence that the problem can no longer be ignored. The alternative is, of course, to postpone the issue by providing the College with additional space of temporary construction, which I assume can be provided within the mill tax, but it will require not less than one hundred thousand square feet, half of which should be provided as soon as it can be constructed.

I think I am speaking for all my associates when I say that the faculty is not strenuous about an entirely new plant at this time. Naturally we should prefer to go on with our work and leave our successors the task of planning and erecting so comprehensive a plant as the College of Agriculture will shortly need. None of us has an ambition to devote the next three or four years to the details of building space and erection and yet we are desirous above all things to do that which is best for the College and the University.

In discussing the matter with the representative farmers I find them in every case opposed to the policy of temporary construction, or of temporizing with the situation in any way. They point out, and correctly, that to equip the College now with temporary buildings is not to solve the problem, but only to postpone it, and, so far as I have discussed the matter, without exception these men are ready to go to work for funds for a comprehensive plant if, in the judgment of the Trustees, it is wise to do so, considering all the interests of the University.

Upon this point, of course, I am not a competent judge. Two years ago I had the feeling that if such a campaign were to be inaugurated it should be not only for the Agriculture Building but for the Library Building also, upon the general proposition that the Trustees cannot operate a great University and at the same time build the plant out of the proceeds of the mill tax, and I am not sure yet but this would be the best procedure, proposing a bond issue rather than an appropriation, upon the ground of distributing the cost equally among those who are to be benefited.

However, I am convinced now that it is entirely safe to launch a campaign for an agricultural building alone without regard to any other, though I am sure that at the outset it would have to appear that this is not the only building which the Trustees will be unable to provide without outside help. My work on the budget committee has convinced me that if the University is to grow as it ought to grow, in quality as well as in quantity, the entire mill tax will be absorbed in operating expenses within the space of two or, at the most, three bienniums, unless the basis of taxation is changed.

As I have already indicated nobody covets the task of conducting such a campaign and yet everybody involved so far as I know is entirely willing to undertake it as being the only adequate solution of our problem. Above all things we dread to see a condition of dry rot developing in the heart of our work in agriculture.

One phase of the situation I may perhaps with profit emphasize at this point. There is yet in the State outside in good working order the original body of men who placed the College of Agriculture upon its feet. Not only that, the members of the faculty who worked with them and with whom they feel acquainted are all still with us, and the old working combination can be quickly revived for an aggressive campaign.

Naturally, such a condition will not longer continue and there will probably never again be a time when the machinery for such a campaign is as complete or the forces inside and out as nearly intact and as well acquainted as now. Several of the "Old Guard" have dropped out already, two of them this year. In the natural order of events greater changes in our faculty will occur in the next few years than have occurred in those of the past and undoubtedly the conditions for a successful campaign, so far as its promoters are concerned, will never again be duplicated. Back of it all we now have a President and a Board of Trustees who understand agriculture and its meaning in this State as perhaps it may not be understood by their successors.

For the first time in such a campaign we would have a large body of active students and alumni who thoroughly understand the needs of the College in this respect, and who are in a position, through their organizations and their journal, the Illinois Agriculturist, to promote the enterprise from the students' standpoint, an influence I am satisfied which would be felt in the State with no little effect.

I have discussed the matter repeatedly and at length with my associates, particularly the heads of departments, and we agree perfectly as to the gravity of the situation and as to the way out. I have therefore no hesitation in making definite recommendations.

All things considered, I am clear in recommending:

1. That the University authorize a campaign for a \$2,000,000 Agriculture Building to be erected from funds outside of the mill tax, either under a State appropriation or a bond issue, as circumstances seem to advise.

2. That this authorization be given at the earliest possible moment to the end that time, which is a large factor in our success, may be used to the best advantage and the campaign be gotten well on its feet before the fall elections,

3. That if this course seems impracticable the Trustees definitely announce their policy of caring for our needs as they arise by temporary construction, of which we should have 50,000 square feet as soon as it can be erected, and as much more in the immediate future.

It may be argued that we must not ask what the State may be unwilling to give. My answer is that we have no responsibility at that point. It is for the Legislature, not the University, to decide what the State will do.

Nor are we responsible for the conditions that confront us. They have been created by the people who evidently intend to send their sons and daughters to the University of Illinois for an education.

We have but one responsibility in the premises and that is to let the facts be known, with a definite proposition for an adequate solution of the situation. If the State refuses to act we are absolved, and may do any thing, even to refusing students; otherwise, we assume a responsibility that is theirs, not ours.

Very respectfully submitted,

E. DAVENPORT, *Dean and Director.*

This communication was received for record.

At this point Mr. Blair withdrew.

#### STANDING COMMITTEES, 1916-17.

The list of standing committees of the board, reappointed by President Abbott on March 16, 1916,\* is printed here in accordance with Article IV, section 5, of the by-laws of the board:

##### *Buildings and Grounds.*

William L. Abbott, Chairman; Mary E. Busey, Robert F. Carr, Laura B. Evans, Robert R. Ward.

##### *Finance.*

Otis W. Hoyt, Chairman; Ellen M. Henrotin, Len Small, John R. Trevett, Robert R. Ward.

##### *Engineering.*

John R. Trevett, Chairman; Robert F. Carr, William L. Abbott.

##### *Agriculture.*

Len Small, Chairman; Otis W. Hoyt, John R. Trevett.

##### *College of Medicine and School of Pharmacy.*

Laura B. Evans, Chairman; William L. Abbott, Otis W. Hoyt.

##### *Students' Welfare.*

Ellen M. Henrotin, Chairman; Mary E. Busey, Laura B. Evans, Florence E. Watson.

##### *Instruction.*

Francis G. Blair, Chairman; Robert R. Ward, Florence E. Watson.

##### *Library.*

Mary E. Busey, Chairman; Ellen M. Henrotin, Florence E. Watson.

#### THE REGISTRAR'S REPORT OF FEES PAYABLE FIRST SEMESTER, 1915-16.

The Secretary of the board presented for record the report of fees payable during the first semester for the academic year 1915-16, as compiled by the Registrar, Mr. C. M. McConn:

##### Matriculation Fees—

1507 @ \$10 .....	\$15,070 00	.....	.....
Refund 106 @ \$10 .....	.....	\$1,060 00	.....
Total, matriculation fees .....	\$15,070 00	\$1,060 00	\$14,010 00

##### Incidental Fees—

3983 @ \$12 .....	47,796 00	.....	.....
2 @ \$6 (one-half) .....	12 00	.....	.....
Refund 148 @ \$12 .....	.....	1,776 00	.....
Refund 38 @ \$6 (one-half) .....	.....	228 00	.....
Total, incidental fees .....	\$47,808 00	\$2,004 00	\$45,804 00

##### Tuition Fees—

449 @ \$7.50 .....	3,367 50	.....	.....
Refund 105 @ \$7.50 .....	.....	787 50	.....
Refund 13 @ \$3.75 (one-half) .....	.....	48 75	.....
81 @ \$25.00 (Law) .....	2,025 00	.....	.....
5 @ \$12.50 (Law, one-half) .....	62 50	.....	.....
Refund 1 @ \$25 .....	.....	25 00	.....
9 @ \$5 (courses, Law) .....	45 00	.....	.....
Total, tuition fees .....	\$5,500 00	\$861 25	\$4,638 75
Total, general fees .....	\$68,378 00	\$3,925 25	\$64,404 75

\* The Secretary received the following letter on March 17, 1916:  
Mr. H. E. Cunningham, Secretary, Board of Trustees.

DEAR SIR: Answering your letter of March 15, in reference to the board committees for the ensuing year, will say that these committees will be constituted just as they were last year, and I will ask you to so advise the members of the board.

Very truly yours,

W. L. ABBOTT.

## Music Fees—

83 @ \$8.50	\$705 50		
1 @ \$4.25 (one-half)	4 25		
Refund 4 @ \$8.50		\$34 00	
6 @ \$9	54 00		
Refund 1 @ \$4.50 (one-half)		4 50	
6 @ \$11	66 00		
Refund 2 @ \$5.50 (one-half)		11 00	
4 @ \$15	60 00		
4 @ \$19.50	78 00		
1 @ \$9.75 (one-half)	9 75		
8 @ \$25	200 00		
Refund 1 @ \$25		25 00	
Total, music fees	\$1,177 50	\$74 50	\$1,103 00

## Laboratory Fees—

Architecture	376 50	7 50	369 00
Architectural engineering	172 00	1 00	171 00
Bacteriology	54 50		54 50
Botany	721 00	17 00	704 00
Ceramics	95 00		95 00
Chemistry	13,256 50	819 50	12,437 00
Civil engineering	239 50	75	238 75
Electrical engineering	905 50	7 00	898 50
Entomology	253 50	13 75	239 75
General engineering drawing	94 00	8 00	86 00
Geology	267 75	14 38	253 37
Household science	589 00	38 00	551 00
Mechanical engineering	376 50	2 50	374 00
Mining engineering	6 00		6 00
Municipal and sanitary engineering	52 00		52 00
Physics	1,068 00	11 50	1,056 50
Physiology	402 50	10 50	392 00
Photography	40 00		40 00
Psychology	34 00		34 00
Theoretical and applied mechanics	570 00	27 00	543 00
Zoology	546 50	31 25	515 25
Total, laboratory fees	\$20,120 25	\$1,009 63	\$19,110 62

## Listener's Fees—

9 @ \$7.50	67 50		67 50
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## Special Examination Fees—

108 @ \$5	540 00		
Refund 1 @ \$5		5 00	535 00

## Late Registration Fees—

116 @ \$1	116 00		
Refund 6 @ \$1		6 00	110 00

## Change Fees—

455 @ \$1	455 00		
Refund 3 @ \$1		3 00	452 00

## Diploma Fees—

2 @ \$5	10 00		10 00
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Total, special fees	\$1,188 50	\$14 00	\$1,174 50
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Total fees	\$90,864 25	\$5,023 38	\$85,840 87
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## APPOINTMENTS TO FILL VACANCIES.

The Secretary presented also for record the following list of appointments made by President James:

Anderegg,\* F. O., Research Assistant in Chemistry, beginning as soon as he reports for duty and continuing until June 30, 1916, at a salary of ninety dollars (\$90) a month. (February 12, 1916.)†

Baldwin, F. M., Assistant in Zoology in the Summer Session of 1916, at a remuneration of one hundred fifty dollars (\$150) for the session. (March 7, 1916.)

Berninger, Harriet, Assistant in Education in the Summer Session of 1916, at a remuneration of two hundred dollars (\$200) for the session. (March 7, 1916.)

Bond, Ethel, Instructor in the Summer Session of the Library School of 1916, at a remuneration of two hundred dollars (\$200) for the session. (February 15, 1916.)

Choisser, R. M., Student Assistant in Anatomy in the College of Medicine, to give six hours service a week for sixteen weeks, at a remuneration of fifty cents (.50) an hour. (February 21, 1916.)

Cloud, Eva, Lecturer in the Summer Session of the Library School for 1916, for one week, at a remuneration of forty-five dollars (\$45) for the week. (February 15, 1916.)

Crown, Astrid E., University Stenographer, Rank 2, in the Office of the Purchasing Agent of the College of Medicine, at a salary of fifty dollars (\$50) a

\* Appointment made by Vice President Kinley.

† The date in parenthesis is the date on which the appointment was made by the President to the Vice President of the University.

month, beginning March 1, 1916, and continuing until further notice, subject to the rules of the Civil Service Commission. (March 6, 1916.)

Folsom, J. W., Instructor in Entomology in the Summer Session of 1916, at a remuneration of three hundred dollars (\$300) for the session. (March 7, 1916.)

Fontaine, E. O., Shelf Assistant in the Library, at a salary of forty-two and one-half dollars (\$42.50) a month, beginning February 1, 1916, and ending August 31, 1916; this appointment superseding his former appointment at thirty-six dollars a month. (February 16, 1916.)

Glasgow, R. D., Instructor in Entomology in the Summer Session of 1916, at a remuneration of two hundred twenty-five dollars (\$225) for the session. (March 7, 1916.)

Jennings, W. W., Assistant in Economics, on one-half time, beginning February 7, 1916, and ending June 30, 1916, at a salary of three hundred dollars (\$300) for the semester; this appointment superseding his former appointment as Scholar in History. (February 15, 1916.)

Keener, H. A., Student Assistant in Anatomy in the College of Medicine, to give six hours service a week for sixteen weeks, at a remuneration of fifty cents (.50) an hour. (February 21, 1916.)

Klein, Gordon, Shelf Assistant in the Library, on one-half time, at a salary of twenty-seven and one-half dollars (\$27.50) a month, beginning February 1, 1916, and ending August 31, 1916; this appointment superseding his former appointment on one-third time. (February 16, 1916.)

Lahners, Thomas, Student Assistant in Anatomy in the College of Medicine, to give ten hours service a week for sixteen weeks, at a remuneration of fifty cents (.50) an hour. (February 21, 1916.)

Newlin, W. B., Shelf Assistant in the Library, on one-half time, beginning February 1, 1916, and ending August 31, 1916, at a salary of twenty-seven and one-half dollars (\$27.50) a month. (February 16, 1916.)

Orcut, A. H., Student Assistant in Anatomy in the College of Medicine, to give six hours service a week for sixteen weeks, at a remuneration of fifty cents (.50) an hour. (February 21, 1916.)

Priem, H. W., Student Assistant in Anatomy in the College of Medicine, to give six hours service a week for sixteen weeks, at a remuneration of fifty cents (.50) an hour. (February 21, 1916.)

Reece, E. J., Instructor in the Summer Session of the Library School of 1916, at a remuneration of two hundred twenty-five dollars (\$225) for the session. (February 15, 1916.)

Steinberg, M. E., Student Assistant in Anatomy in the College of Medicine, to give six hours service a week for sixteen weeks, at a remuneration of fifty cents (.50) an hour. (February 21, 1916.)

Strauch, H. H., Assistant in Physiological Chemistry in the College of Medicine, beginning when he reports for duty and ending August 31, 1916, at a salary of eighty-three and one-third dollars (\$83.33) a month. (March 8, 1916.)

Thompson,\* Alice A., Cataloger in the Library, at a salary of sixty-five dollars (\$65) a month, beginning January 17, 1916, and continuing until further notice, subject to the rules of the Civil Service Commission. (February 9, 1916.)

Wallace, Cora E., Assistant in Music in the Summer Session of 1916, at a remuneration of one hundred fifty dollars (\$150) for the session. (March 7, 1916.)

Zippodt, Ella, Stenographer in the Department of Botany, at a salary of fifty dollars (\$50) a month, beginning March 13, 1916, and continuing until further notice, subject to the rules of the Civil Service Commission; this appointment superseding her former appointment in the Engineering Experiment Station. (March 9, 1916.)

The board adjourned.

W. L. ABBOTT, *President*.

H. E. CUNNINGHAM, *Secretary*.

\* Appointment made by Vice President Kinley.

## MEETING OF APRIL 19, 1916.

A special meeting of the Board of Trustees of the University of Illinois was held in the Trustees' Room of the Administration Building, at the University, at Urbana, on Wednesday, April 19, 1916, pursuant to the following notice which was sent out by the Secretary on April 7, 1916:

On the call of the President, Mr. W. L. Abbott, there will be a special meeting of the Board of Trustees of the University of Illinois, in the Trustees' Room, at Urbana, on Wednesday, April 19, 1916, at 10.00 a. m., to consider such matters as the committees of the board and the President of the University may submit, and such other matters as may be duly presented.

When the board convened, the following members were present: President Abbott, Mrs. Busey, Mrs. Evans, Mrs. Henrotin, Mr. Hoit, Miss Watson. President James was present.

There being no quorum, the board adjourned to meet at 12 o'clock noon on Wednesday, April 26, 1916, at the Blackstone Hotel, in Chicago.

W. L. ABBOTT, *President*.

H. E. CUNNINGHAM, *Secretary*.

### Meeting of the Executive Committee, April 19, 1916.

A meeting of the Executive Committee of the Board of Trustees of the University of Illinois was held in the Trustees' Room, at the University, in Urbana, at 10.00 a. m., on Wednesday, April 19, 1916, immediately following the adjournment of the Board of Trustees on the same day.

Mr. Abbott, Chairman, and Mr. Hoit, member of the committee, were present; also Mrs. Busey, Mrs. Evans, Mrs. Henrotin, and Miss Watson, members of the board.

President James was present.

#### MATTERS SUBMITTED BY PRESIDENT JAMES.

The Executive Committee proceeded to the consideration of the following matters presented by the President of the University:

##### LEAVE OF ABSENCE FOR PROF. J. W. LLOYD EXTENDED.

(1) A request for an extension of leave of absence from the University for another year by Prof. J. W. Lloyd, who has been on leave during the past year on half pay, while carrying on studies at the University of California.

On motion of Mr. Hoit, the President of the University was authorized to extend Prof. Lloyd's leave of absence without pay for the academic year 1916-17, in case suitable arrangements can be made for his work.

##### LEAVE OF ABSENCE FOR MR. E. E. HOSKINS.

(2) A recommendation from Prof. C. G. Hopkins, endorsed by Dean Davenport, that Mr. E. E. Hoskins be given leave of absence until the termination of his present appointment, August 31, 1916, on account of illness.

On motion of Mr. Hoit, leave of absence was granted to Mr. Hoskins for this period, with half pay.

##### CHANGES IN LABORATORY FEES.

(3) A letter from Dean T. A. Clark, Secretary of the Council of Administration, concerning certain changes in fees:

*Dr. Edmund J. James, President.*

DEAR MR. PRESIDENT: The Council of Administration at its meeting of January 11, 1916, voted to recommend to the Board of Trustees the approval of the following changes in laboratory fees:

Geology 1, \$2.25 (in place of \$1).

Geology 10, \$1 (in place of \$1.50).

Zoology 14a-b, 15a-b, none (in place of \$1 an hour for each course).

Zoology 25, \$3 (new).

Zoology 26, \$3 (new).



Human Anatomy 1 (Zoology 7), \$5 (new).

Human Anatomy 2, \$5 (new).

Yours very truly,

THOMAS A. CLARK,

*Secretary, Council of Administration.*

On motion of Mr. Hoit, these fees were approved.

#### ADVISORY BOARD, RAILWAY INDUSTRIES OF ILLINOIS.

(4) A request from Dean W. F. M. Goss, of the College of Engineering, that the Trustees authorize the appointment of an Advisory Board of the College of Engineering for the Railway Industries of Illinois, and that the following persons be appointed members of this board:

Mr. W. A. Gardner, President of the Chicago & Northwestern R. R.

Mr. Hale Holden, President of the Chicago, Burlington & Quincy R. R.

Mr. W. G. Bierd, President of the Chicago and Alton R. R.

Mr. W. B. Storey, Vice President of the Santa Fe R. R.

Mr. C. H. Markham, President of the Illinois Central R. R.

On motion of Mr. Hoit, the President of the University was authorized to establish this board, and the persons nominated above were appointed for a term of three years.

#### ADMISSION AND GRADUATION, COLLEGE OF LIBERAL ARTS AND SCIENCES.

(5) Certain recommendations from the University Senate concerning changes in the requirements for admission to and graduation from the College of Liberal Arts and Sciences:

*April 5, 1916.*

*President Edmund J. James.*

DEAR MR. PRESIDENT: The University Senate, at its meeting of April 3, 1916, approved the following recommendations of the faculty of the College of Liberal Arts and Sciences with reference to changes in the graduation and admission requirements of that College.

#### CREDIT FOR COURSES OFFERED IN OTHER COLLEGES AND SCHOOLS.

1. That the following be substituted for paragraph 3, page 135, of the Annual Register for 1915-16:

3. A limited amount of credit towards the A.B. degree may be secured for courses offered in other colleges and schools of this University as follows:

##### COLLEGE OF AGRICULTURE.

Agricultural Extension 1 (High School Agriculture); Agronomy 9 (Soil Physics), 11 (Soil Biology), 12 (Soil Fertility), 22 (Plant Breeding); Animal Husbandry 7 and 31 (Animal Nutrition), 30 (Genetics); Dairy Husbandry 11, 12a, 12b (Dairy Bacteriology); Horticulture 9 (Forestry), 12 (Horticultural Evolution), 36 (History of Landscape Gardening), 37a (Civic Design), 42 (Landscape Design).

The total credit allowed in courses in agriculture may not exceed 14 hours. Students taking their major in entomology may take 20 hours in the above courses in agriculture, with the addition of Agronomy 7 and 25, and Horticulture 1a, 1b, 2, 3, 6, and 7.

##### COLLEGE OF COMMERCE AND BUSINESS ADMINISTRATION.

Accountancy 1a-1b (Principles of Accounting), 13 (Municipal Accounting); Business Organization 1 (Business Organization), 9 (Commercial and Civic Organizations); Business Law 1a-1b (Commercial Law—no credit given to students in the combined arts-law curriculum); Economics, all courses except 9, 14, 15, 32, 34; Transportation 1 (U. S. Transportation System), 2 (Transportation Policy).

The total credit allowed for courses in commerce may not exceed 40 hours.

##### COLLEGE OF ENGINEERING.

Architecture 13, 14, 15, 16 (History of Architecture), 31, 32 (Architectural Drawing); Civil Engineering 27 and 28 or 33 and 34 (Surveying), 34 (Highway Administration); Drawing, General Engineering 1 (Elements of Drafting), 2 (Descriptive Geometry); Electrical Engineering 4 and 64 or 8 and 68; Mechanical Engineering, 11, 12 (Thermodynamics), 30 (Mechanics of Machinery); Mechanics, Theoretical and Applied, all courses.

The total credit allowed in engineering courses may not exceed 24 hours.

##### COLLEGE OF LAW.

A student who has senior standing in the College of Liberal Arts and Sciences may take and count the first full year of law work for thirty hours of credit toward the A.B. degree, or, if he takes and successfully carries less than the full amount, it shall be counted only hour for hour toward the A.B. degree.

Law 14 (Carriers), 24 (Municipal Corporations), 28 (Insurance), and 34 (Public Utilities) are open to students doing major work in political science or economics who have had a previous course in law or political science involving the study of cases.

Courses in law may not be taken before the senior year by students enrolled in this college, and in no case may the total credit allowed toward graduation exceed 30 hours.

##### LIBRARY SCHOOL.

Library Science 2a-2b, or 12 (Reference), 7 (History of Libraries), 9 (Book-making), 13a-13b (Public Documents).

## SCHOOL OF MUSIC.

The total credit allowed for courses in music may not exceed 16 hours. At least one-half of the credit must be taken in courses in the history and theory of music (1-14 inclusive). Credit may be allowed in practical music (for courses exclusive of courses open to freshmen, provided the student shall have previously obtained credit for music courses 3 and 4 or their equivalent) to an amount not to exceed one-half of the total allowed to any student. No credit will be allowed for courses in public school music.

## PHYSICAL TRAINING.

Not to exceed 5 semester hours for men and 7 semester hours for women.

Courses not included under paragraph 3 above may not be counted for the degree of A.B., except by special permission of the Dean of the College.

## MAJOR SUBJECTS.

II. That the following be added to the paragraph on major subjects on page 134 of the Annual Register for 1915-16:

At least 5 hours of the work accepted for a major must have been done in residence at this University and must be included within the maximum credits allowed in any division.

## REQUIREMENTS FOR THE DEGREE OF BACHELOR OF SCIENCE.

III. That the following be substituted for the paragraph entitled "Requirements for the Degree of Bachelor of Science" at the bottom of page 135 of the Annual Register for 1915-16:

H. Optional Degree of Bachelor of Science. Students who do major work in one of the subjects in Groups IV or V, or in Household Science, on petition and recommendation of the faculty may be graduated with the degree of Bachelor of Science instead of Bachelor of Arts.

## ENTRANCE REQUIREMENTS.

IV. That the first six-point paragraph under the heading "Additional Prescriptions for Individual Curriculums" on page 73 of the Annual Register for 1915-16 be amended to read as follows:

For the College of Liberal Arts and Sciences for the general curriculum in Liberal Arts and Sciences, the curriculums in Journalism, Household Science, and Medicine, and the curriculum preliminary to law—Latin, Greek, French, German, or Spanish (both units in the same language).....2 units; and that the second six-point paragraph under the same heading, and the corresponding paragraphs under the headings "Academic Electives" on page 74 and "Summary by Courses" on page 75, be omitted.

Very respectfully yours,

C. M. McCONN, *Clerk of the Senate.*

On motion of Mr. Hoit, the above recommendations were approved.

## RECONSTRUCTION OF MECHANICAL ENGINEERING LABORATORY.

(6) A request from the Dean of the College of Engineering that thirty thousand dollars be appropriated for construction and reconstructions necessary to improve the Mechanical Engineering Laboratory. This will include a mezzanine floor and the moving and resetting of a great deal of the machinery. It will put the laboratory in condition to serve the purposes of the University for a number of years. The Dean of the College of Engineering regards this as the most necessary and immediate appropriation for the improvement of the plant.

## [ESTIMATE OF THE COST.]

Excavation .....	\$1,330 00	Steam and water piping....	\$2,000 00
Steel .....	6,713 00	Painting .....	1,000 00
Removing old foundations..	1,409 00		
Concrete floors and foundations .....			\$27,943 00
General changes in building.	8,116 00	Add 10 per cent.....	2,800 00
Moving and erecting machinery .....	4,875 00		
	2,500 00		\$30,743 00

On motion of Mr. Hoit, the reconstruction and rearrangement of the equipment of the Mechanical Engineering Laboratory was authorized and the sum of thirty thousand dollars, or so much thereof as may be necessary, was appropriated for this purpose.

## PRINTING OF BIENNIAL REPORT.

(7) The State Superintendent of Printing, Mr. J. F. Higgins, has informed the Secretary of the board that he is expecting the University to pay for the printing of the next biennial report, to be published in the summer of 1916. This is a fundamental change in our method of printing the report of the Board of Trustees to the Governor of the State. Up to the present time, the Board of Trustees, through the Secretary of the board, has transmitted its regular report to the Governor and it has been printed by the State Printer and distributed in accordance with the law providing for its printing. My own opinion is that the next report, namely, that for the two years ending June 30, 1916, should be printed in the same way. The Governor of the State has authority to determine this matter.

On motion of Mr. Hoit, it was voted that the Governor of the State be requested to authorize the printing of the report of the Board of Trustees

in the same style as hitherto and that the expense be defrayed from public funds as provided by law. In the interests of economy, it was voted also to accept an edition of two thousand copies of the report instead of the four thousand copies supplied in former years.

#### RELATIONS WITH ILLINOIS NATIONAL GUARD.

(8) A letter from Adjutant General F. S. Dickson concerning the legal effects of a declaration by the Governor that the University of Illinois is a post of the Illinois National Guard:

March 31, 1916.

*Hon. Edmund J. James, University of Illinois, Urbana, Ill.*

MY DEAR MR. PRESIDENT: Your letter of some time ago with reference to your possible desire to request the Governor under the provision of the Statute to declare the University of Illinois a Post of the Illinois National Guard, comes to my attention on my return from considerable absence in Washington.

I note that you desire, before taking any action in this matter, information as to what particular obligation toward the Illinois National Guard such action would impose on you or on the University. As a matter of fact, I cannot see that it would impose any additional duty or obligation than that which now exists. The declaration of the Governor constituting the University of Illinois as a Military Post would not carry with it the inclusion of its military student body in the Organized Militia of the State as recognized by the War Department. It would not, in my judgment, impose any obligation of service in the National Guard as that can only be had by direct enlistment of the individual men in such service, which enlistment establishes a contractual relation between the individual and the State. The effect, therefore, would appear to be more moral than physical, and would carry practically only a degree of supervision without interference with administration, etc.

Yours very truly,

F. S. DICKSON.

No action was taken in this matter.

#### AMERICAN INSTITUTE OF ARCHITECTS MEDAL.

(9) An offer by the American Institute of Architects of a student medal to be awarded by the Faculty of the University to the member of the graduating class whose record for the course in architecture is the best.

On motion of Mr. Hoit, this offer was accepted, and the President of the University was authorized to express the thanks of the University to the American Institute of Architects.

#### ANCIENT ORDER OF HIBERNIANS ST. PATRICK'S DAY PRIZE.

(10) A gift from the Ancient Order of Hibernians, Mr. James F. O'Donnell, Editor of the *Bloomington Bulletin*, has sent to the University a check for fifty dollars, as a gift from Division One of the Ancient Order of Hibernians, to be used as a prize to be awarded for the best essay written by an undergraduate or graduate student in the University on a subject connected with ancient Irish literature, history, or archeology. It is hoped that a fund of one thousand dollars may be established from the interest of which such a prize may be made permanent. I recommend that this money be accepted and that the President of the University be authorized to tender a formal expression of the thanks of the board for the gift; that the prize be announced for the present year, and, in case the requisite funds are forthcoming regularly, that it be continued.

I suggest the following rules for the assignment of the prize:

1. The prize shall be known as the St. Patrick's Day Prize of the Ancient Order of Hibernians.
2. The prize shall be awarded yearly, if the requisite funds are provided by the Ancient Order of Hibernians, for the best essay written by an undergraduate or graduate student in the University of Illinois on a subject connected with ancient Irish literature, history, or archeology.
3. The essay must consist of not less than five thousand words and must be submitted in the form required for an honor thesis for the A.B. degree, with modified title page.
4. The complete file of the essays shall be kept in the Library of the University of Illinois.
5. The prize shall be regularly awarded on the day before St. Patrick's Day (in the year 1916 on June 1). Essays must be in the hands of the President of the University on or before March 1 of each year (in the year 1916 on or before May 17).
6. The judges shall be appointed by the President of the University of Illinois.
7. In case no one of the essays submitted proves to be of sufficient merit, the judges may withhold the prize and the money shall be allowed to accumulate toward a fund for the establishment of a scholarship in Irish literature.

On motion of Mr. Hoit, these recommendations were approved.

#### SENATE REPORT ON NEW LIBRARY.

(11) At a meeting of the University Senate on April 3, 1916, the Senate Committee on the University Library presented an extended report on the proposed new

**Library Building.** After a full presentation of the subject by the Chairman of the Library Committee, Prof. A. H. Daniels, and a full discussion, the Senate passed the following motion unanimously:

1. That the Senate approve, as a recommendation to the Board of Trustees, the tentative plans for the proposed new Library Building submitted by the Library Committee.

2. That the Board of Trustees be requested to make an appropriation sufficient to begin the construction of a working section of the building at the earliest possible date.

The University Senate in April, 1912, appointed a special committee to consider and report on the general problems involved in the development of a University Library. The committee presented a partial report at a special meeting of the Senate on January 6, 1913. After a careful study of the possible sites for the new building, it was recommended that the one at the south end of Wright Street be chosen. This site received the endorsement of the Supervising Architect, the State Architect, Mr. Zimmerman, and Mr. Blackall, of Boston, who were members of the Advisory Committee on the Campus. The subject was then presented to the Board of Trustees and referred to the Library Committee of the Board. Finally, on March 10, 1914, the Library Committee of the board reported that the need of a new University Library Building was most pressing, that the University should proceed as rapidly as possible with the planning and erection of such a building, and that the only satisfactory site was the land lying at the south end of Wright Street, with the building having its north and south axis on the center of Wright Street prolonged, and its east and west axis on the east and west axis of the Armory prolonged.

After further deliberation, at a meeting of the Board of Trustees held June 15, 1915, the Supervising Architect was directed to proceed with the preparation of plans for the new Library Building.

These are the plans which the Senate has unanimously endorsed and which are herewith submitted. The Senate is of the opinion that a collection of at least one million volumes should be made as rapidly as possible, and to do this within a reasonable time an appropriation of one hundred thousand dollars a year for the purchase of books is necessary. The Senate also calls attention to the fact that at the present rate of increase all available space for books will be occupied within the next two years.

On motion of Mr. Hoit, this matter was referred to the Library Committee of the Board for consideration and report.

#### PLANS FOR PHARMACY GREENHOUSE.

(12) A letter from Mr. E. N. Gathercoal, Instructor in Pharmacognosy in the School of Pharmacy, presenting plans for a greenhouse and botanical garden at the new location of the School of Pharmacy. It is hoped to erect a greenhouse 15 by 50 feet in size, to be placed against the south wall of the Laboratory Building and to enclose the garden at the front, the south side, and the rear, including the whole rear alley line, so that the plants grown may be suitably protected. The estimate of the cost of the greenhouse is \$1,800; and of the fence from \$1,000 to \$1,500, according to whether the ground should be enclosed entirely by an iron fence or by one partly of iron and partly of wood.

No action was taken on this matter.

#### JENNER MEDICAL COLLEGE.

(13) At the earnest solicitation of Dr. MacKellar, Dean of the Jenner Medical College, which was a tenant of one of the buildings purchased recently by the University, I have authorized the Jenner Medical College to remain in the building till May 10, instead of being required to leave on April 30. This will enable the Jenner Medical College to secure other accommodations without unduly inconveniencing them.

No action was taken on this matter.

#### BUILDING PROGRAM FOR FIVE YEARS.

(14) A letter from the Supervising Architect making suggestions as to a building program for a period of five years:

*President Edmund J. James, 355 Administration Building.*

DEAR SIR: I enclose as accurate a draft as I can now prepare of our building needs for the next five years.

The erection of the Residence Hall and the School of Education Building does not release any space for instructional purposes. The reconstruction of the Mechanical Laboratory and the completion of the Transportation Building will provide for housing the Mechanical Engineering Department in those buildings and give the space they now occupy in Engineering Hall to architecture. The completion of the Natural History Building will give relief to the Department of Botany and the Museum and permit the moving of the Museum material from the top floor of the Physics Building, permitting some expansion of the present Sound Laboratory. The Horticulture Field Laboratory will take the place of the building which has been assigned to Battery F and will provide more adequately for the work of the Department of Horticulture, but none of the work on the present Campus will be transferred to the new building. The erection of the cattle feeding plant will permit the removal of the barns on the south side of the parade grounds

and will more adequately provide for the work of the Department of Animal Husbandry, but will not provide relief in any other quarters. The building for the School of Music will free a few desirable rooms in University Hall, but the main relief must come from the erection of the Library Building, which should be ready for occupancy four years from next fall. The College of Law can then be moved to the present Library Building and their building be available for the College of Agriculture or for the Department of Journalism, or for any other purpose which may at the time prove most urgent.

Yours truly,

JAMES M. WHITE, *Supervising Architect.*

## A FIVE-YEAR BUILDING PROGRAM—PRELIMINARY DRAFT.

### 1. COMPLETION OF BUILDINGS NOW UNDER WAY.

#### CHEMISTRY BUILDING.

Balance on equipment less portion charged to State Water Survey..	\$27,681 38
Alterations to lecture room and connections to old buildings not included in appropriation of \$6,000.....	1,250 00
Balance due Mr. Dibelka.....	889 03
Library stacks and furniture.....	1,500 00
Necessary alterations to old building to provide classrooms, etc.....	2,500 00
Incidentals .....	1,179 59
For desirable additional alterations in old building.....	10,000 00
Total .....	\$45,000 00

#### VIVARIUM.

Walks, fence, pond, aquaria, and refrigeration.....	15,000 00
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#### CERAMICS BUILDING.

Laboratory furniture .....	\$6,000 00
Screens and awnings.....	200 00
Walks and drives.....	500 00
Balance due Mr. Dibelka.....	189 37
Total .....	\$6,889 37
Available from appropriation.....	4,000 00
Additional appropriation required.....	2,889 37
Total to complete present buildings.....	\$62,889 37

### II. NEW BUILDINGS.

Women's Residence Hall, exclusive of heat, light, and water lines..	\$145,000 00
Education Building, 625,000 cubic feet at 24 cents (furnished)....	150,000 00
Music School .....	250,000 00
Transportation Building, 188,760 cubic feet at 19 cents.....	35,800 00
M. E. Laboratory (Prof. Richards's estimate).....	30,000 00
Natural History Building—	
264,880 cubic feet at 30 cents.....	\$53,000 00
Special furnishings .....	17,000 00
Horticulture Field Laboratory—	
Main Building, 405,200 cubic feet at 20 cents.....	\$81,000 00 <sup>1</sup>
Storage Building, 120,000 cubic feet at 12 cents.....	14,400 00 <sup>2</sup>
Barn, 127,776 cubic feet at 8 cents.....	10,300 00 <sup>3</sup>
Heating plant .....	5,000 00
Refrigeration (25 tons).....	10,000 00
Feeding plant .....	120,700 00
Power plant—	50,000 00
Building .....	\$30,000 00
Boilers and setting.....	24,000 00
Stack .....	10,000 00
Auxiliary equipment .....	16,000 00
Chicago departments (estimated).....	80,000 00
Service Building .....	200,000 00
Library, first unit (estimated).....	30,000 00
Library, first unit (estimated).....	750,000 00
Total, new buildings.....	\$1,911,500 00

### III. OTHER CONSTRUCTIONS.

General equipment at \$20,000 a year.....	\$100,000 00
1913-14 .....	\$16,500 00
1914-15 .....	19,356 00

<sup>1</sup> Assumes a Laboratory Building fairly finished and with moderate amount of equipment.

<sup>2</sup> Assumes fireproof building with cement floors and unplastered walls.

<sup>3</sup> Based on cost of Beef Cattle Barn and Horticulture Barn.

## Physical plant extension—

Heat, light, water, etc. at \$20 a year.....		\$100,000 00
1913-14 .....	\$59,000 00 <sup>1</sup>	
1914-15 .....	34,000 00 <sup>1</sup>	
Road and ground improvement at \$15,000 <sup>2</sup> .....		75,000 00
1913-14 .....	\$ 5,500 00	
1914-15 (including Campus lighting).....	10,000 00	
Building remodeling at \$20,000 a year.....		100,000 00
1913-14 .....	\$25,600 00	
1914-15 .....	13,500 00	
Total, other constructions.....		\$375,000 00

## SUMMARY.

To complete present building.....	\$ 63,000 00	
New buildings .....	1,911,500 00	
Other constructions .....	375,000 00	
Temporary buildings for College of Agriculture.....	50,000 00	
Total .....		\$2,399,500 00
Less receipts from Smith land.....		150,000 00
Net for five years.....		\$2,249,500 00

Total per year..... \$449,900 00

Estimated increase in operating expense for physical plant at end of five-year period, \$100,000.

This report was received for record.

## FURTHER LEAVE OF ABSENCE FOR MR. O. S. WATKINS.

(15) Mr. O. S. Watkins was given leave of absence until April 1 on full pay in order to recover from an attack of illness [page 861]. There is some difference of opinion as to what the University ought to do in the premises. I am not at present willing to make any recommendation, but am willing to assume authority, if the board gives it to me, of making an adjustment in the matter.

On motion of Mr. Hoit, the President of the University was authorized to make such adjustment in the matter of leave of absence given Mr. O. S. Watkins as in his judgment may seem wise, provided that the leave of absence granted shall not extend beyond September 1, 1916.

## NAVAL CONSULTING BOARD.

(16) Dean W. F. M. Goss has been asked to serve as a member of the Board of Directors of the Organization of Industrial Preparedness for the State of Illinois, and as Associate Member of the National Naval Consulting Board.

On motion of Mr. Hoit, the President of the University was authorized to permit Dean Goss to serve on these boards.

## INDUSTRIAL MUSEUM.

(17) A letter from Dean Goss asking that authority be given to construct a section of the Industrial Museum which shall take care of the various gifts made to the Engineering Museum of the University. It is believed that a section costing ten thousand dollars will take care of such matters as are immediately pressing.

No action was taken on this matter but the sentiment of the members present seemed to be in favor of erecting such a building in case any considerable gift should be made to the University which should require such housing.

The Executive Committee adjourned.

W. L. ABBOTT, *Chairman.*

H. E. CUNNINGHAM, *Clerk.*

**Adjourned Session, April 26, 1916.**

When the Board of Trustees of the University of Illinois met at the Blackstone Hotel, in Chicago, on Wednesday, April 26, 1916, at 12 o'clock noon, pursuant to the adjournment taken on April 19, 1916, the following members were present: President Abbott, Mrs. Busey, Mrs. Evans, Mrs. Henrotin, Mr. Small, Miss Watson.

Vice President Kinley was present.

<sup>1</sup> These figures include heat tunnels and main conduit serving the south campus and are much higher than the estimated average work required for the past five years.

<sup>2</sup> Roads \$10,000 a year, walks and general improvements \$5,000 a year, making a total of \$15,000.

**GRADUATES OF THE SCHOOL OF PHARMACY.**

Vice President Kinley presented the following list of candidates for the degree of Graduate in Pharmacy, approved by the faculty of the School of Pharmacy, and recommended that he be authorized to confer these degrees at the commencement exercises on this afternoon.

Fannie Lillian Aron.  
William Beckman.  
Asher Holland Bogard.  
Joseph C. Butts.  
Robert Claus.  
Dante Cortesi.  
Raymond James Crist.  
Raymond Anderson Curlee.  
Charles Elmer Davidson.  
Everett William Dewey.  
William John Friedl.  
Harry Gasen.  
Frank William Graham.  
Robert Lee Greenwood.  
Walter John Kostka.  
David Lofgren.  
Benjamin Lowis.  
Israel Mawrence.  
Leonard Quartetti.  
Robert Bruce Ritzman.  
Ernest Christian Schultz.

James William Templeton.  
Ralph Rickey Thoroman.  
Edwin Joseph Underriner.  
Leland Vale.  
Robie Rolland Weaver.  
Werner Fred Wilhelm.  
Guy Vernon Whitney.  
Edward A. F. Borucki (Class of '15).  
William Stuhmann Bucke (Class of '15).  
Richard William Goltermann (Class of '15).  
Sylvester Henry Hojnacki (Class of '15).  
Hubert Spangler Huston (Class of '14).  
Oscar William Johnson (Class of '15).  
Edward Joseph Kral (Class of '15).  
Joseph Benjamin Kvasnicka (Class of '15).  
Francis A. Pankau (Class of '14).  
Edwin Robert Riemer (Class of '15).  
Frank Joseph Vondrasek (Class of '14).

On motion of Mr. Small, this recommendation was approved unanimously, subject to the approval of the board at a later meeting.

On motion of Miss Watson, the board adjourned.

W. L. ABBOTT, *President.*

H. E. CUNNINGHAM, *Secretary.*

## MEETING OF MAY 27, 1916.

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A special meeting of the Board of Trustees of the University of Illinois was held at the Blackstone Hotel, in the city of Chicago, at 12.00 m., on Saturday, May 27, 1916, pursuant to the following notice which was sent out by the Secretary on May 20, 1916:

On the call of the President, Mr. W. L. Abbott, there will be a special meeting of the Board of Trustees of the University of Illinois at the Blackstone Hotel, in Chicago, on Saturday, May 27, 1916, at 12 o'clock noon, to consider such matters as the committees of the board and the President of the University may submit, and such other matters as may be duly presented.

When the board convened, the following members were present: President Abbott, Mrs. Busey, Mr. Carr, Mrs. Evans, Mrs. Henrotin, Mr. Hoit, Mr. Ward, Miss Watson.

President James was present, and also, during a part of the afternoon, Prof. J. M. White, Supervising Architect.

### MINUTES APPROVED.

The Secretary presented the minutes of the meetings of March 14 and April 19-26, 1916.

On motion of Mrs. Henrotin, the minutes were approved as printed on pages 929 to 936 above.

### MATTERS SUBMITTED BY THE PRESIDENT OF THE UNIVERSITY.

The board proceeded to the consideration of the following matters submitted by President James:

#### PLANS FOR SMITH MUSIC BUILDING.

(1) The revised plans for the Smith Music Building, calling for a complete building to be erected at a cost of \$250,000.

Prof. White explained these plans in detail.

On motion of Mrs. Evans, these plans were approved and the Supervising Architect was instructed to proceed with the preparation of working drawings and specifications. The vote was as follows: Ayes, Mr. Abbott, Mrs. Busey, Mr. Carr, Mrs. Evans, Mrs. Henrotin, Mr. Hoit, Mr. Ward, Miss Watson; noes, none; absent, Mr. Blair, Mr. Dunne, Mr. Small, Mr. Trevett.

#### PLANS AND DESIGN OF EDUCATION BUILDING.

(2) A new set of interior plans for the Education Building; and also a sketch of the exterior prepared by Holabird and Roche.

Prof. White explained the details of these plans and of the design.

On motion of Mrs. Busey, the new plans prepared by the Supervising Architect were substituted for those previously approved by the board, and the design of the exterior prepared by Holabird and Roche was approved; and the Supervising Architect was instructed to proceed to the construction of the first wing of this building. The vote was as follows: Ayes, Mr. Abbott, Mrs. Busey, Mr. Carr, Mrs. Evans, Mrs. Henrotin, Mr. Hoit, Mr. Ward, Miss Watson; noes, none; absent, Mr. Blair, Mr. Dunne, Mr. Small, Mr. Trevett.

#### PLANS FOR FEEDING PLANT AND HORTICULTURE LABORATORY.

(3) A report of progress on the plans for the feeding plant and the Horticulture Laboratory.

No action was taken on this matter.

#### SETTLEMENT FOR CHEMISTRY BUILDING DELAYED.

(4) A presentation of the matters connected with the final settlement with the various contractors on the Chemistry Building.



Prof. J. M. White made a complete statement covering the claims made for extras, damages, etc., by Freeman and Brooks, the general contractors. No action was taken on this matter.

#### HIBBARD GIFT OF OLD COINS.

(5) A statement that Mr. William G. Hibbard, Jr., had presented to the University a collection of 318 coins. Of these, 39 Greek and Roman coins have been assigned to the custody of the Curator of the Classical Museum, Prof. A. S. Pease; and 279 to the Curator of the Museum of European Culture, Prof. N. C. Brooks.

On motion of Mrs. Busey, this gift was accepted and the thanks of the board were extended to Mr. Hibbard for his generosity.

#### PAVEMENT ON HEALEY STREET.

(6) The following statement:

An ordinance has been passed by the City Council of Champaign for the paving of Healy Street which runs along the south side of the University property on which the Vivarium is located, between First Street and Wright Street. The Board of Local Improvements of the City of Champaign wishes to know whether the Trustees will authorize it to spread the assessment against the University for this improvement, which will cost \$1,634.25. The assessments are distributed over a period of ten years with interest at 5 per cent.

On motion of Mr. Carr, authority was given to the President of the University to authorize the Board of Local Improvements to spread this assessment against the University. The vote was as follows: Ayes, Mr. Abbott, Mrs. Busey, Mr. Carr, Mrs. Evans, Mrs. Henrotin, Mr. Hoyt, Mr. Ward, Miss Watson; noes, none; absent, Mr. Blair, Mr. Dunne, Mr. Small, Mr. Trevett.

#### VISITORS' PERMITS FOR TEACHERS.

(7) A recommendation from Director William C. Bagley, of the School of Education, that teachers engaged in the public schools of the cities of the State who extend to the University opportunities for research and investigation, be admitted to University classes as visitors without fee, provided that a recommendation for such exemption from fees be made by the Director of the School of Education in each individual case; the exemption shall be for a definite time; and that the same be approved by the President of the University.

On motion of Miss Watson, this recommendation was approved.

#### APPROPRIATION FOR COUNCIL OF ADMINISTRATION.

(8) A request from the Secretary of the Council of Administration for an additional appropriation of \$100 for expenses incurred by the Council during the present fiscal year.

On motion of Mr. Carr, this appropriation was made. The vote was as follows: Ayes, Mr. Abbott, Mrs. Busey, Mr. Carr, Mrs. Evans, Mrs. Henrotin, Mr. Hoyt, Mr. Ward, Miss Watson; noes, none; absent, Mr. Blair, Mr. Dunne, Mr. Small, Mr. Trevett.

#### RESIGNATIONS ACCEPTED.

(9) A statement that the following resignations had been presented and accepted subject to the approval of the board:

1. Prof. Clarence W. Balke, as Professor of Inorganic Chemistry, to take effect September 1, 1916.

2. Mr. G. B. Rice, as Lecturer on the Installation and Operation of the Mechanical Equipment of Buildings and Mechanical Engineer in the Office of the Supervising Architect, to take effect not later than April 28, 1916.

3. Dr. Alfred O. Shaklee, as Assistant Professor of Pharmacology in the College of Medicine, to take effect August 31, 1916.

On motion of Mr. Carr, these resignations were accepted.

#### TYPHOID FEVER INOCULATION.

(10) The following statement:

On December 8, 1915, Dr. H. A. Harding, Professor of Dairy Husbandry, presented a communication from Dean Eugene Davenport relating to the danger of the transmission of typhoid fever to members of the staff and the community through employees of the University engaged in handling food products, closing with a request that the University should provide facilities for the immunization from typhoid fever of those members of its force who come in direct contact with food substances, particularly dairy products, provided they voluntarily accept such treatment. At my request, Mr. C. M. McConnell asked the Secretary of the State Board of Health whether in his opinion examiners on the staff of the University, acting as agents of the State Civil Service Commission in conducting examinations for the positions of laborer at the University, would have the right to refuse to certify a man or a woman as physically fit for employment in positions involving the handling of food products unless he or she has been inoculated against typhoid fever. In answer to this communication, the Secretary of the State Board of Health, Dr. C. St. Clair Drake, under date of March 16, 1916, replied that while he did not believe the examiners would have the right to refuse to certify persons in

the absence of a rule of the Board of Trustees of the University requiring immunization, it was the opinion of the State Board of Health that a rule making vaccination against smallpox and immunization against typhoid fever a prerequisite for employment at the State University is very desirable.

Judge O. A. Harker, the Counsel of the University, expressed the opinion, in answer to a direct inquiry, that the Board of Trustees of the University would be within its rights in establishing a regulation requiring employees handling food products to be immunized against typhoid fever. Mr. McConn, in conference with Prof. Harding, Prof. Isabel Bevier, of the Department of Household Science, and Dr. J. H. Beard, our Medical Examiner, recommend the following rule to the Board of Trustees for their adoption; namely:

Employees of the University of Illinois whose duties require them to handle food products shall be required to be immunized against typhoid fever.

On motion of Mrs. Evans, this rule was adopted.

#### CHANGES IN THE CURRICULUMS IN PHARMACY.

(11) A recommendation from Mr. W. B. Day, Acting Dean of the School of Pharmacy, that certain changes be made in the curriculums in the School of Pharmacy; first, that the shorter curriculum be lengthened to two years of eight months each, instead of two years of seven months each, as at present; and second, that the longer curriculum be extended to three years of eight months each, instead of two years of nine months each, as at present, to take effect for the coming academic year, 1916-17.

On motion of Mrs. Evans, these recommendations were approved to take effect when directed by the President of the University.

#### RESIGNATION OF MRS. CONSTANCE BARLOW-SMITH.

(12) A letter from Director J. L. Erb, presenting the resignation of Mrs. Constance Barlow-Smith from her position as Assistant Professor of Music. Mrs. Smith has done most faithful and excellent service for the University for 13 years, 1903-1916.

It is with regret that I must recommend the acceptance of this resignation. I know that the members of her family have been urging her persistently for the past four or five years to give up this work.

On motion of Mrs. Busey, this resignation was accepted, and it was voted that a statement of the gratitude of the Board of Trustees for her services, and regret that she is leaving, be sent to Mrs. Smith.

#### LEAVE OF ABSENCE FOR DEAN KINLEY.

(13) A request from Dean David Kinley for leave of absence from the University from June 17, 1916, until the beginning of the second week of October, 1916, to enable him to make a trip to South America to secure cooperation in the preparation of monographs on matters of economic policy of common interest to the American Republics, the work to be carried out under the auspices of the Carnegie Endowment, which will pay his expenses, but allows him no remuneration.

On motion of Miss Watson, this request was granted.

#### FURNITURE FOR CERAMICS BUILDING.

(14) A request from the Supervising Architect for an appropriation to complete the furniture and equipment of the Ceramics Building, amounting to \$6,280.

On motion of Mr. Carr, this appropriation was made, by the following vote: Ayes, Mr. Abbott, Mrs. Busey, Mr. Carr, Mrs. Evans, Mrs. Henrotin, Mr. Hoit, Mr. Ward, Miss Watson; noes, none; absent, Mr. Blair, Mr. Dunne, Mr. Small, Mr. Trevett.

#### GIFTS OF ENGINEERING APPARATUS.

(15) A statement that the Crane Company, of Chicago, has presented to the Department of Mechanical Engineering a complete exhibit of sectional valves, steam taps, etc., the value of which is estimated at \$500.

The Babcock and Wilcox Company, of Bayonne, New Jersey, has presented to the Department of Mechanical Engineering a test drill for experimental purposes, the value of which is estimated at \$150.

On motion of Miss Watson, these gifts were accepted and the thanks of the Trustees were extended to these companies.

On motion of Mrs. Henrotin, the Secretary was instructed to provide a suitable book in which all gifts to the University should be recorded.

#### CONSTANCE BARLOW-SMITH COLLECTION.

(16) An announcement that Mrs. Constance Barlow-Smith proposes to present to the University a collection of musical scores, manuscript, books, and portraits, which will be of interest not only to students in music but also to other students in the University.

On motion of Mrs. Evans, this gift was accepted with thanks; this collection to be known as the Constance Barlow-Smith Collection.

**RESIGNATION OF PROF. T. D. YENSEN PRESENTED.**

(17) A statement that Mr. Trygve D. Yensen has presented his resignation as Research Assistant Professor of Engineering, to take effect August 31, 1916. The acceptance of this resignation involves certain points of University policy. Mr. Yensen has tried to take out a patent on certain discoveries which he made in the University laboratories by the use of materials and the aid of men connected with these laboratories. The Director of the Engineering Experiment Station has protested against this action, but Mr. Yensen does not share his view on the subject. I have suggested to Mr. Yensen that he appear before the Board of Trustees and present his view.

No action was taken on this matter.

**EMPLOYERS' LIABILITY.**

(18) The following statement:

The University has had difficulties arising from time to time from injuries received by its employees while in its service. These complaints have in some instances been taken to the Legislature, and the persons injured have received through legislative grants considerable sums of money.

One person claiming to be in the employ of the University was killed by falling down an elevator shaft. The case is before the State board for the adjustment of such matters at the present time, and has been carried into the courts in order to determine what the present State law relating to compensation for injuries really implies.

There was a feeling in the last Legislature that some arrangement should be made by which the University could properly treat such cases.

I appointed a committee, consisting of Registrar C. M. McConn, Chairman, Dean O. A. Harker, Prof. R. E. Heilman, Mr. H. D. Oberdorfer, and Prof. J. A. Fairlie to discuss this whole subject and present a report for the action of the board. This report was made on March 21, and includes the following points:

1. That the University recognize its responsibility in this matter by choosing to come under the State Workmen's Compensation Act, rather than by attempting to establish any independent plan of its own.

2. That if the University comes under such act, it should insure its liability thereunder in a casualty company.

3. That in taking out casualty insurance for the benefit of its employees it should at the same time insure its students against accidental injuries incurred in laboratories or shops or in the course of instruction in military science.

4. That the appropriation bill submitted to the next General Assembly contain, among the items for which the appropriations are made, the following:

"Compensation for injuries to employees or students."

No action was taken on this matter.

**CLINICAL BUILDING.**

(19) A statement that the committee of the faculty of the College of Medicine appointed by the President of the University to consider the location of the proposed Clinical Building, recommended unanimously at their meeting on April 27, 1916, the purchase of the property situated at the northeast corner of Honore and Harrison Streets in Chicago, being approximately 126 feet frontage on Harrison, and 75 feet on Honore.

No action was taken on this matter.

**RETIRING ALLOWANCE FOR MRS. DONALD McINTOSH.**

(20) A recommendation that a retiring allowance of \$825 a year, beginning September 1, 1915, be granted to Mrs. Donald McIntosh. A retiring allowance was granted to Prof. Donald McIntosh to take effect September 1, 1916 (see page 779, meeting of July 14, 1915). This was to be computed on the same basis as that adopted by the Carnegie Foundation for the Advancement of Teaching. That system includes, besides the retiring allowance for the professor, a similar allowance to his widow of half that paid to the professor. As this was not explicitly stated, however, at the time of the action of the board, last July, I feel that it should be brought up again for definite action. The matter should have been presented at the time of Dr. McIntosh's death in September last, but was overlooked.

Mr. Carr offered the motion that the recommendation be approved.

During the discussion of this matter, Mrs. Busey and Miss Watson withdrew, and, the lack of a quorum having been noted, the board adjourned.

W. L. ABBOTT, *President.*

H. E. CUNNINGHAM, *Secretary.*

**Executive Committee Meeting, May 27, 1916.**

A meeting of the Executive Committee of the Board of Trustees of the University of Illinois was held in the Blackstone Hotel, in Chicago, on Saturday, May 27, 1916, immediately after the adjournment of the meeting of the Board of Trustees on the same day. All the members of the Executive Committee were present, namely, Mr. W. L. Abbott, Chairman, Mr. R. F. Carr, and Mr. O. W. Hoyt; also Mrs. Laura B. Evans, Mrs. Ellen M. Henrotin, and Mr. R. R. Ward, members of the board.

President James was present.

**MATTERS SUBMITTED BY THE PRESIDENT OF THE UNIVERSITY.**

The Committee considered the following matters submitted by President James:

**RETIRING ALLOWANCE FOR MRS. DONALD McINTOSH.**

(1) A recommendation that a retiring allowance of \$825 a year be granted to Mrs. Donald McIntosh (see page 940 above).

On motion of Mr. Carr, this recommendation was concurred in.

At this point, Mr. Carr withdrew.

**PRINT SHOP, COLLEGE OF MEDICINE.**

(2) A recommendation that the print shop conducted in connection with the College of Medicine be located in the basement of the Dental Building, and that suitable provision be made in the southwest corner of the basement for housing the outfit. The estimated cost is \$1,000.

This recommendation was approved and the corresponding appropriation made.

**AMANDA K. CASAD COLLECTION.**

(3) The following statement:

I have in mind to present to the University of Illinois a collection of books, numbering about 1,500, relating to history, economics, politics, and education, on the following conditions:

1. That the collection be known as the Amanda K. Casad\* Collection in memory of my mother, to whose inspiration I owe whatever interest I have had in these subjects.

2. That the collection be listed with the other special collections in the Library in the Annual Register or other suitable annual publications of the University.

3. That each volume be appropriately marked by a book-plate as belonging to this collection.

4. That any volume in the collection may be exchanged for another volume if it should turn out that the University Library has duplicates, but, in case of exchange, the volume received shall be marked in a similar manner as belonging to this collection.

The University Librarian recommended that this gift be accepted on the terms indicated.

This gift was accepted on the terms indicated and the President of the board was requested to extend the thanks of the board to President James for his generosity.

**COMMITTEE ON UNIVERSITY PRESS.**

(4) The following statement:

Different departments in the University have urged at different times for some years past the desirability of establishing at the University a University press which should publish the various documents, circulars, pamphlets, books, etc., issued by the University from time to time; and that in connection with this press there be established a print shop to do the work of the printing.

Some time ago, in answer to a request from several departments of the University, I appointed a committee, consisting of Mr. H. E. Cunningham, chairman, Mr. F. W. Scott, Mr. C. S. Sale, Mr. W. B. Castenholz, and Mr. H. F. Harrington, to consider the matter of establishing a printing press for the University. In a report submitted May 6, 1916, they recommend that the University establish and organize a University press equipped and arranged to fulfill a three-fold function:

1. To provide a laboratory for the training and instruction of students in the Curriculum in Journalism.

2. To handle all University printing, including publications of every description, and supplies.

3. To make possible the establishing of a publishing department for issuing and distributing on a commercial basis various scientific publications containing information of interest and value to the public.

The committee finds that a building adequate to accommodate the printing and binding plant, laboratory for the Curriculum in Journalism, publishing department quarters, offices for the student publications, and necessary class-rooms, will cost about \$75,000; that the necessary equipment for the printing establishment will cost \$25,000; and that the furniture and fixtures will cost \$10,000; the total cost being about \$110,000 for the initial plant.

No action was taken on this matter.

**PURCHASE OF MANUSCRIPTS FOR LIBRARY.**

(5) A recommendation from the Committee on Apportionment of Library Funds that the University purchase about 1,250 pages of manuscripts, nearly all unpublished, dealing with the period of 1570 to 1770, and illustrating the relations of Venice and the Ottoman Empire, and Venice and her Levantine possessions.

\* Born August 18, 1827, at Lebanon, Ill.; died September 23, 1878, at Evanston, Ill.; daughter of Rev. Dr. Anthony Wayne Casad, of Lebanon, Ill., wife of Rev. Colin Dew James, born January 15, 1808, Randolph County, Va.; died January 30, 1888, Bonita, Kan.; for fifty years member of the Illinois Conference of the Methodist Episcopal Church.

sions, with descriptions of life in the various portions of the Levant, at a cost of \$2,255, to be charged to the appropriation for the Library for the year 1916-17.

This recommendation was approved.

#### GIFT OF FOURTEENTH CENTURY MANUSCRIPT.

(6) The following statement:

I take pleasure in presenting to the University an illuminated parchment manuscript which Dr. Frank W. Gunsaulus presented to me as a personal gift some time ago. This manuscript dates from sometime in the Fourteenth Century, according to Dr. Pease's estimate. It contains 66 folios, with red and blue initials and larger decorations in different colors. The manuscript contains Latin translations of several works of Aristotle.

I have had the volume bound at my own expense, and authorized the University Librarian to place for the titles:

Aristotelis Ethica Aliaque.

This gift was accepted with thanks.

#### PLYM FELLOWSHIP AWARDED.

(7) An announcement from Prof. L. H. Provine that the Committee on the Plym Fellowship has voted unanimously to award the first place in this competition to Mr. Roger C. Kirchoff, of Milwaukee, and to award the second place to Mr. Charles F. Morley, of Houston, Texas. In case Mr. Kirchoff fails to qualify for the fellowship, Mr. Morley will be his alternate.

These awards were approved.

#### GIFT OF ARISTOTLE'S ETHICS.

(8) The following statement:

I have presented to the University Library a copy of Aristotle's Ethics, translated into Latin by Aretino. This book is extremely rare and beautifully printed in the elegant type used by the first printer in Bologna, Azzoguida. It was printed by Rugerius and Bertochus, Bologna, between 1474 and 1476. It is an important volume from the very early Bologna press, of which only a few copies are known. The rarity is indicated by the fact that there is no copy even in the Bodleian Library or any of the French public libraries. There are a few marginal manuscript notes. It is a fine, large, unwashed copy, bound in French dark blue morocco, gilt, by Gruel.

This gift from the President of the University was accepted with thanks.

#### APPROPRIATION FOR JOB PRESS.

(9) A request from the Comptroller that a job press with a complete font of type be purchased for use in his office. The estimated cost is \$1,000.

This request was granted.

#### REQUEST THAT FORESTRY BE RENAMED.

(10) A letter from the Students' Agricultural Club of the University requesting that the University Forestry be named Burrill Forestry, and that the club be permitted to place a tablet in memory of Dr. Burrill on the west gate of the park.

No action was taken on this matter.

#### APPROPRIATION FOR DEAN OF MEN.

(11) A request from the Dean of Men for an additional appropriation of \$300 for the expense of his office until the close of the present fiscal year.

This request was granted.

#### CROCKERLAND EXPEDITION.

(12) A statement concerning the present status of the Crockerland Expedition to the Arctic regions, to which the University has contributed, and from which, as a return for its contributions, it expects to receive a large consignment of material for its Geology and Natural History Museums.

No action was taken.

#### PROFESSOR FRASER'S LEAVE EXTENDED.

(13) A request from Prof. Wilber J. Fraser for a leave of absence without pay for the first semester of the academic year beginning September 1, 1916.

The President of the University was given permission to extend Prof. Fraser's leave of absence.

#### REPORT, JOURNAL OF ENGLISH AND GERMANIC PHILOLOGY.

(14) A summary of the report from Mr. H. E. Cunningham as Business Manager of the Journal of English and Germanic Philology published by the University under the auspices of the Graduate School, for the fiscal year ending June 30, 1916. This report shows a subscription and exchange list of 393, with cash receipts of \$873.28; exchange credits amounting to \$117, and bills receivable amounting to \$296.70. The total cost of publication for the year has been less than \$1,475.

This report was received for record.

## REPORT OF BUDGET COMMITTEE.

(15) The following statement:

I desire to call the attention of the Board of Trustees to the fact that it will be quite impossible to carry out the building program which the board has discussed and approved in a general way within a reasonable time without appropriations in excess of the revenue likely to be produced by the mill tax; that is, if the other reasonable demands of the University budget as to increase of salaries of the professors, increase of the staff, and increase of the equipment, are met.

I held a conference with the deans of the schools requiring the largest appropriation for equipment and additions to staff and increase in salaries, and they join in a petition to the board to request the next Legislature for a special one-half mill tax for the period of five years to be used exclusively for additions to the plant.

No action was taken.

## RESOLUTIONS CONCERNING DR. T. J. BURRILL.

The Secretary presented the following report of a special committee consisting of President Abbott and Mr. Hoyt appointed to prepare resolutions concerning Dr. Thomas J. Burrill:

WHEREAS, In the death of Thomas Jonathan Burrill, Professor of Botany, *Emeritus*, in the University of Illinois, a member of the first faculty of the University and for nearly fifty years associated intimately with the work of teaching and administration in the University as professor, acting regent, dean, and vice president, we have lost a great teacher, a great administrator, a great scientist, and a great man, be it

*Resolved*, By the Board of Trustees of the University of Illinois, that this note of our appreciation of Dr. Burrill be communicated to Mrs. Burrill and spread on the minutes of the board; and that suitable memorial exercises be held during the coming Commencement.

## GRADUATE SCHOLARS AND FELLOWS, 1916-17.

The Secretary presented for record the following list of scholars and fellows in the Graduate School appointed by the President of the University for the academic year 1916-17:

Agronomy	William A. Albrecht, fellowship.....	\$400 00
	G. H. Collings, fellowship.....	300 00
	Alva E. McCoy, scholarship.....	250 00
Animal Husbandry	Ernest R. Schulz, scholarship.....	250 00
	Worth A. Allison, scholarship.....	250 00
	Clarence S. Anderson, scholarship.....	250 00
	Alvin T. Fishman, scholarship.....	250 00
	Horace A. Shonle, scholarship.....	250 00
Botany	Harold D. Clayberg, fellowship.....	350 00
	Roy L. Mayhew, scholarship.....	250 00
	Silas A. Braley, fellowship.....	400 00
Chemistry	Edward M. A. Chandler, fellowship.....	400 00
	Edward H. Cox, fellowship.....	300 00
	Ralph H. Dean, scholarship.....	250 00
	Robert M. Hill, scholarship.....	250 00
	Olav A. Hougen, scholarship.....	250 00
	Franklin F. Sherwood, fellowship.....	300 00
	Linton M. Smith, scholarship.....	250 00
	Allen E. Stearn, fellowship.....	300 00
	Edward Wichers, fellowship.....	400 00
Classics	Miriam C. Akers, scholarship.....	250 00
	Dorothy L. Cuthbert, scholarship.....	250 00
	Ethel R. Murray, scholarship.....	250 00
	Adolph F. Pauli, scholarship.....	250 00
	Gladys Roberts, scholarship.....	250 00
Economics	Rachel L. Sargent, scholarship.....	250 00
	Ethel L. Bedient, scholarship.....	250 00
	Clare E. Griffin, fellowship.....	400 00
	Paul K. Knight, scholarship.....	250 00
Education	Kenneth D. Ross, scholarship.....	250 00
	Charles J. Stowell, fellowship.....	400 00
	Leslie R. Marston, scholarship.....	250 00
	Leland G. Oshorn, scholarship.....	250 00
	Gerald S. Tebbe, scholarship.....	250 00
Engineering (Architecture)	William L. Parish, scholarship.....	250 00
English	George K. Brady, scholarship.....	250 00
	Delmar G. Cooke, fellowship.....	400 00
	Frank W. Clippinger, scholarship.....	250 00
	Alice M. Doane, scholarship.....	250 00
	Elizabeth L. Fullenwider, scholarship.....	250 00
	Marcus S. Goldman, scholarship.....	250 00
	Helen D. James, scholarship.....	250 00
	Albert Keiser, fellowship.....	300 00
	Mac E. Leach, scholarship.....	250 00
	Ralph E. Tieje, fellowship.....	400 00

Entomology .....	Henry G. M. Crawford, scholarship.....	\$250 00
	Clyde C. Hamilton, fellowship.....	300 00
	Willis J. Nolan, scholarship.....	250 00
	Lewis B. Ripley, fellowship.....	300 00
	Herbert F. Seifert, scholarship.....	250 00
	G. N. Wolcott, fellowship.....	350 00
	Hachiro Yuasa, scholarship.....	250 00
	Merle L. Nebel, fellowship.....	400 00
Geology .....	Margaret L. Goldsmith, scholarship.....	250 00
German .....	Clara L. Haessler, fellowship.....	350 00
	Helena M. Ulrici, scholarship.....	250 00
History .....	Louise B. Dunbar, scholarship.....	250 00
	Elmo P. Hohman, scholarship.....	250 00
	Jacob A. Hofto, fellowship.....	400 00
	Franklin C. Palm, fellowship.....	350 00
	Walter W. Jennings, fellowship.....	350 00
	Robert R. Russell, fellowship.....	400 00
	Katherine Schoepperle, fellowship.....	300 00
Horticulture .....	Charlton P. Lothrop, scholarship.....	250 00
	Newton L. Partridge, fellowship.....	350 00
Household Science .....	Hilda M. Croll, scholarship.....	250 00
	Rhoda Fahnestock, scholarship.....	250 00
	Marguerite E. Gauger, scholarship.....	250 00
Mathematics .....	Harold S. Card, scholarship.....	250 00
	John E. Dotterer, scholarship.....	250 00
	Hobart D. Frary, fellowship.....	350 00
	Dwight F. Heath, scholarship.....	250 00
	Temple R. Hollcroft, fellowship.....	350 00
	Charles M. Huffer, scholarship.....	250 00
	Louis E. Mensenkamp, scholarship.....	250 00
	William H. Wilson, fellowship.....	400 00
	M. G. Smith, fellowship.....	350 00
	Dale S. Young, scholarship.....	250 00
Physics .....	Sylvan J. Crooker, fellowship.....	400 00
	Lars A. Welo, fellowship.....	400 00
	Sebastian Karrer, fellowship.....	400 00
	B. R. Stephenson, scholarship.....	250 00
Physiology .....	Charles M. Ross, scholarship.....	250 00
Political Science .....	A. Ernest Mahannah, fellowship.....	300 00
	Courtland M. Yount, fellowship.....	350 00
Romance Languages .....	Otho W. Allen, fellowship.....	350 00
	George L. Doty, scholarship.....	250 00
	Constance W. Ferguson, scholarship.....	250 00
Sociology .....	Earl C. MacInnes, scholarship.....	250 00
Zoology .....	Elizabeth Bodfish, scholarship.....	250 00
	Ernest C. Faust, fellowship.....	400 00
	Ruth Higley, fellowship.....	350 00
	Thomas B. Magath, fellowship.....	450 00
	Arthur R. Cooper.....	Honorary fellowship

#### RESEARCH FELLOWSHIPS IN THE ENGINEERING EXPERIMENT STATION.

- Ernest E. Charlton—Research fellowship (September 1, 1916-June 30, 1918), \$500 a year.
- Bernard Pepinsky—Research fellowship (September 1, 1916-June 30, 1918), \$500 a year.
- Edward A. Roberts—Research fellowship (September 1, 1916-June 30, 1918), \$500 a year.
- Harold P. Vail—Research fellowship (September 1, 1916-June 30, 1918), \$500 a year.

#### APPOINTMENTS MADE BY THE PRESIDENT OF THE UNIVERSITY.

The Secretary presented also for record the following list of appointments made by President James to fill vacancies:

Bernhard, F. J., to give three hours' service a week in the Clinic of the College of Dentistry, beginning January 1, 1916, and continuing until June 30, 1916, at a total remuneration of four hundred dollars (\$400); this appointment superseding his former appointment at \$300. (April 7, 1916.)\*

Boswell, H. C.,† Tool-room Attendant in the Machine Shop, at a salary of fifty dollars (\$50) a month, beginning April 1, 1916, and continuing until further notice, subject to the rules of the Civil Service Commission. (April 11, 1916.)

Bramwell, C. H., Instructor in Operative and Prosthetic Dentistry, for two months beginning April 10, 1916, at a salary of sixty dollars (\$60) a month. (April 8, 1916.)

Byland, T. C., Tool-room Attendant in the Wood Shop, at a salary of fifty dollars (\$50) a month, beginning April 1, 1916, and continuing until further notice, subject to the rules of the Civil Service Commission. (March 24, 1916.)

Burns, Byron, University Stenographer, Rank II, in the Department of Military Science, at a salary of fifty dollars (\$50) a month, beginning April 18, 1916, and continuing until further notice, subject to the rules of the Civil Service Commission. (April 28, 1916.)

\* The date in parenthesis is the date on which the appointment was made by the President of the University.

† Appointment made by Vice President Kinley.

Cook, Dorothy E., Reviser and Assistant in the Summer Session of the Library School, from June 19, 1916, to July 28, 1916, at a compensation of eighty-five dollars (\$85) for the period. (May 23, 1916.)

Cross, S. H., Instructor in German for ten months beginning September 1, 1916, at a salary of one hundred twenty dollars (\$120) a month. (May 1, 1916.)

Dole, R. B., Acting Engineer in the State Water Survey, for two months beginning May 1, 1916, at a salary of three hundred thirty-three and one-third dollars (\$333.33  $\frac{1}{3}$ ) a month. (May 1, 1916.)

Edwards, M. R., Graduate Assistant in Bacteriology, for five months beginning February 1, 1916, at a salary of thirty dollars (\$30) a month. (March 24, 1916.)

Feeney, E. L., Technician in the Colleges of Medicine and Dentistry, on a monthly basis beginning April 1, 1916, at a salary of seventy-five dollars (\$75) a month. (May 16, 1916.)

Fernsemer, O. F. W., Instructor in German, for ten months beginning September 1, 1916, at a salary of one hundred fifty dollars (\$150) a month. (May 1, 1916.)

Grimson, J. S., Instructor in Operative and Prosthetic Dentistry, for two months beginning April 10, 1916, at a salary of sixty dollars (\$60) a month. (April 8, 1916.)

Heffner, R. M. S., Assistant in German, on part time, for ten months beginning September 1, 1916, at a salary of fifty dollars (\$50) a month. (May 1, 1916.)

Jones, Sadie, Stenographer in the Engineering Experiment Station, at a salary of fifty dollars (\$50) a month, beginning March 27, 1916, and continuing until further notice, subject to the rules of the Civil Service Commission. (March 27, 1916.)

Lindholm, Karin J., Clerk in the Catalog Department of the Library, on one-half time, beginning April 21, 1916, and ending August 31, 1916, at a salary of twenty-seven and one-half dollars (\$27.50) a month. (April 22, 1916.)

McDonald, Effie L., Technician in the Department of Experimental Medicine and Bacteriology, beginning when she reports for duty and continuing until June 30, 1916, at a salary of seventy dollars (\$70) a month. (April 21, 1916.)

Mohlman, F. W., Instructor in Sanitary Chemistry, for the academic year beginning September 1, 1916, without salary. (April 22, 1916.)

Nickerson, A. J., Tool-room Attendant in the Mechanical Engineering Laboratory, at a salary of fifty-four and one-sixth dollars (\$54.16  $\frac{2}{3}$ ) a month, beginning May 1, 1916, and continuing until further notice, subject to the rules of the Civil Service Commission. (May 14, 1916.)

Stout, J. E., Instructor in Education in the Summer Session of 1916, with a stipend of four hundred fifty dollars (\$450) for the session. (May 9, 1916.)

Whitson, Anna V., University Stenographer, Grade III, in the President's Office, at a salary of one hundred dollars (\$100) a month, beginning April 1, 1916, and continuing until further notice, subject to the rules of the Civil Service Commission; this appointment superseding her former appointment at \$75 a month. (April 6, 1916.)

Young, C. M., Assistant Professor of Mining Research, beginning when he may report for duty and continuing until July 1, 1917, at a salary of twenty-four hundred dollars (\$2,400) a year. (March 23, 1916.)

The Executive Committee adjourned.

W. L. ABBOTT, *Chairman.*

H. E. CUNNINGHAM, *Clerk.*



## MEETING OF JUNE 13, 1916.

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The quarterly meeting of the Board of Trustees of the University of Illinois was held in the Trustees' room, at the University, in Urbana, at 9.00 a. m., on Tuesday, June 13, 1916.

When the board convened, the following members were present: President Abbott, Mrs. Busey, Mr. Carr, Mrs. Henrotin, Mr. Hoit.

President James was present; also, during a portion of the day, Capt. T. J. Smith, Mayor Browder, of Urbana, and Prof. J. M. White.

As there was no quorum, a recess until 9.30 a. m. was taken.

W. L. ABBOTT, *President*.

H. E. CUNNINGHAM, *Secretary*.

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## Executive Committee Meeting, June 13, 1916.

A meeting of the Executive Committee of the Board of Trustees of the University of Illinois was held in the Trustees' room, at the University, on the morning of Tuesday, June 13, 1916, during the recess taken by the meeting of the Board of Trustees on the same date.

All the members of the Executive Committee were present, namely, Mr. W. L. Abbott, Chairman, Mr. R. F. Carr, and Mr. O. W. Hoit; also Mrs. Mary E. Busey and Mrs. Ellen M. Henrotin, members of the board.

President James was present.

### MATTERS SUBMITTED BY PRESIDENT JAMES.

The Executive Committee considered the following matters submitted by the President of the University:

#### DEGREES FOR MR. J. L. ROBINSON AND MR. H. L. MUELLER.

(1) A recommendation from the Council of Administration, acting for the University Senate, that the degree of Bachelor of Laws be conferred on John Lester Robinson; and that the degree of Bachelor of Science in Chemistry be conferred on Harry Louis Mueller at the coming commencement. These students were in good standing in their respective courses, and would have completed all their requirements for graduation with this year's class and would have been recommended regularly for their degrees, had they not been compelled to withdraw from the University in April on account of illness. There is very little hope that either of these men will recover.

On motion of Mr. Carr, the President of the University was authorized to confer these degrees.

#### DEGREE FOR MR. G. S. HUNT.

(2) A recommendation that the President of the University be authorized to confer the degree of Doctor of Medicine on Gerald Charles Hunt, of Des Moines, Iowa. His work was not complete at the time the recommendations were made by the Senate, but it can be completed during the Summer Session. As his failure to complete his work was in part the fault of the University, it is recommended that the President of the University be authorized to give Mr. Hunt his diploma when he shall have completed his work.

On motion of Mr. Hoit, the President of the University was authorized to confer this degree on receipt of satisfactory evidence of the completion of Mr. Hunt's work.

The Executive Committee adjourned.

W. L. ABBOTT, *Chairman*.

H. E. CUNNINGHAM, *Clerk*.

### Session After Recess, June 13, 1916.

When the Board of Trustees of the University of Illinois convened after the recess at 9.30 a. m., on Tuesday, June 13, 1916, the following members were present: President Abbott, Mrs. Busey, Mr. Carr, Mrs. Evans, Mrs. Henrotin, Mr. Hoit, Miss Watson.

President James was present.

#### APPROVAL OF MINUTES.

The Secretary presented the minutes of the meeting of May 27, 1916. On motion of Mr. Carr, the minutes were approved as printed on pages 795 to 811 above.

#### COLLEGE PLACE LOTS.

President James introduced Mayor O. L. Browder, of Urbana, who made a statement concerning the desire of the owners of the College Place lots in Champaign, west of the Armory, to sell the property to the University. Mayor Browder stated that the reported intention of the University to extend its campus in this direction was a hindrance to the sale of this property to anyone else.

The Executive Committee was directed to look over this property at once and to make a report at the next meeting of the board.

#### AUTHORITY TO CONFER DEGREES.

On motion of Mrs. Busey, the President of the University was authorized to confer degrees on the candidates properly certified by the several colleges and schools of the University and by the University Senate.\*

#### MATTERS PRESENTED BY PRESIDENT JAMES.

The board proceeded to the consideration of the following matters submitted by the President of the University:

##### CARNEGIE PENSION FOR MRS. BURRILL.

(1) A letter from the Carnegie Foundation concerning the pension of Mrs. T. J. Burrill:

*President Edmund J. James, University of Illinois, Urbana, Ill.*

*June 6, 1916.*

MY DEAR PRESIDENT JAMES: I have the honor to inform you that, at the meeting of the Executive Committee held on June 2d, Mrs. Sarah Helen Alexander Burrill was, upon your recommendation and in accordance with the rules of the Foundation, granted a pension of \$1,600 to become effective on May 15, 1916, on the termination of Professor Burrill's allowance thirty days after his death.

Yours very truly,

HENRY S. PRITCHETT.

This letter was received for record.

##### UNIVERSITY OF ILLINOIS DIRECTORY.

(2) A recommendation that the sum of \$1,200 be paid to Dr. V. V. Phelps for extra work in connection with the publication of the *University of Illinois Directory* during the past three years.

On motion of Mr. Hoit, this recommendation was approved. The vote was as follows: Ayes, Mr. Abbott, Mrs. Busey, Mr. Carr, Mrs. Evans, Mrs. Henrotin, Mr. Hoit, Miss Watson; noes, none; absent, Mr. Blair, Mr. Dunne, Mr. Small, Mr. Trevett, Mr. Ward.

##### FELLOWSHIP IN OLD IRISH.

(3) A telegram from Justice John P. McGoorty, of Chicago, that the Committee of the Irish Fellowship Club, on the Irish Fellowship Foundation, guarantees a fund of \$1,200 for Gaelic research work in the University of Illinois for the coming year. This accompanies a letter to the same effect to Dr. Gertrude Schoepferle, and the suggestion is made that this sum be used to pay a salary of \$1,000 to Mr. J. H. Lloyd, of Dublin, Ireland, for the coming year, as Fellow in Gaelic at the University of Illinois; and that \$200, or so much thereof as may be necessary, be reserved to cover his traveling expenses to Urbana, the balance being used to purchase books and materials necessary in his work which should belong to the University after he is through with them. In case Mr. Lloyd does not accept, some other person will be chosen.

On motion of Miss Watson, this gift from the Irish Fellowship Foundation was accepted with thanks, and the President of the University was authorized to offer the fellowship in Gaelic to Mr. J. H. Lloyd. The vote

\* For list of degrees, see page 950.

was as follows: Ayes, Mr. Abbott, Mrs. Busey, Mr. Carr, Mrs. Evans, Mrs. Henrötin, Mr. Hoyt, Miss Watson; noes, none; absent, Mr. Blair, Mr. Dunne, Mr. Small, Mr. Trevett, Mr. Ward.

#### RECOMMENDATIONS OF THE UNIVERSITY SENATE.

(4) A recommendation from the University Senate that certain changes be made in requirements for admission, as given on pages 74 to 75 of the Annual Register, that the professional degree of Mining Engineering (M.E.) be changed to Engineer of Mines (E.M.), and that the proposed new requirements for graduation from the College of Commerce and Business Administration be approved.

On motion of Mr. Carr, this recommendation was approved.

#### OLIVER BAINBRIDGE EXPEDITION.

(5) A letter from Mr. Oliver Bainbridge, concerning the Bainbridge Expedition to the Southern Seas.

On motion of Mrs. Evans, the President of the University was authorized to permit Oliver Bainbridge to collect specimens in the South Sea Islands and present the same to the University of Illinois, with the understanding that this does not involve expenditure on the part of the University.

#### CONTRACTS, WOMEN'S RESIDENCE HALL.

(6) A report from the Supervising Architect, Prof. James M. White, enclosing a schedule of the bids received for the construction of the Women's Residence Hall, with certain recommendations:

*President E. J. James, 355 Administration Building.*

DEAR SIR: I enclose a schedule of the bids received for the construction of the Women's Residence Hall and recommend that contracts be awarded to the low bidders as follows:

A. W. Stoolman, Champaign, general contract, on the basis of completion July 1, 1917.....	\$105,650 00
Callon Bros., Indianapolis, heating and plumbing.....	21,500 00
R. Haas Electric Mfg. Co., Springfield, electric wiring.....	2,599 00

Total of general contracts.....	\$129,749 00
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The other items necessary for the completion of the building are as follows:

Preparation of plans and superintendence.....	6,000 00
Elevator, water softener, refrigeration, and other mechanical equipment.....	9,160 00
Furniture and fixtures.....	14,191 00
Grounds.....	900 00

Total including general contracts.....	\$160,000 00
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Possible additions and extras on the general contracts (about 3%)..	4,000 00
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Total .....	\$164,000 00
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I recommend that the entire sum be appropriated for the building and that \$100,000 of it be included in the budget for 1916-17.

Yours truly,

JAMES M. WHITE, *Supervising Architect.*

#### [SCHEDULE OF BIDS.]

##### GENERAL CONTRACT.

	7 mo. time.	12 mo. time.
A. W. Stoolman, Champaign.....	\$107,150 00	\$105,650 00
Balkin Construction Co., Chicago.....	113,558 00	
English Bros., Champaign.....	118,990 00	113,990 00
King & Butcher, Champaign.....	122,984 00	116,984 00
C. E. Carson Co., Chicago.....	128,500 00	
Clarke Construction Co., Danville.....	128,519 00	
J. L. Simmons Co., Chicago.....	141,961 00	
W. M. Allen Son & Co., Peoria.....	143,900 00	

##### PLUMBING.

Callon Brothers, Indianapolis*.....	\$14,000 00
J. Ray Gallagher, Urbana.....	14,000 00
Reliable Plb. & Htg. Co., Champaign.....	15,300 00
Daily & O'Brien, Peoria.....	15,360 00
R. Haas Electric Mfg. Co., Springfield.....	18,250 00

##### HEATING.

Reliable Plbg. & Htg. Co., Champaign.....	\$7,630 00
J. Ray Gallagher, Urbana.....	7,800 00
Callon Brothers, Indianapolis*.....	7,900 00
Edwin P. Ambler, St. Louis.....	8,566 00
F. E. Newberry Electric Co., St. Louis.....	8,915 58
Sodemann Htg. & Power Co., E. St. Louis.....	9,987 00
R. Haas Electric Mfg. Co., Springfield.....	9,384 00
Dailey & O'Brien, Peoria.....	9,395 00
Callon combined bid on heating and plumbing*.....	\$21,500 00

**ELECTRICAL**

R. Haas Electric Mfg. Co., Springfield.....	\$2,599 00
Caldwell Electric Mfg. Co., Champaign.....	2,990 00
Henry Newgard, Chicago.....	3,073 00
I. W. Schwartz, Urbana.....	3,350 00
F. E. Newberry Electric Co., St. Louis.....	3,500 00

At this point, the board took a recess until 4.00 p. m.

**Afternoon Session, June 13, 1916.**

When the board convened at 4.00 p. m., on Tuesday, June 13, 1916, after the recess, the same members were present as during the morning session.

The board considered the following matters submitted by the President of the University:

**RESIGNATION OF JUDGE O. A. HARKER AS DEAN.**

(1) A letter from Judge Oliver A. Harker, resigning his position as Dean of the College of Law, to take effect as soon as his successor may be appointed.

On motion of Mrs. Busey, this resignation was accepted with an expression of regret and appreciation; and it was voted that Judge Harker be continued as Professor of Law, devoting his time to the Moot Court, the Practise Court courses, and such other work as may be assigned to him, and that he shall continue as Legal Counsel of the University, the salary for these various duties being five thousand dollars a year.

**PLANS FOR SMITH MUSIC BUILDING APPROVED.**

(2) The revised plans for the Tina Weedon Smith Memorial Music Building.

Prof. White explained these plans and proposed that the building be located east of the Auditorium and just south of Nevada Street extended, with the east facade facing Mathews Avenue.

Capt. T. J. Smith, who was present, expressed his approval of the plans and the site.

On motion of Mr. Hoit, the plans and location were approved.

**EDUCATION BUILDING.**

(3) A report of progress on the plans for the Education Building.

No action was taken in this matter.

**CONTRACTS, WOMEN'S RESIDENCE HALL.**

(4) A protest from the Reliable Heating and Plumbing Company against the letting of the contract for plumbing and heating of the Women's Residence Hall to the firm of Callon Brothers on the ground that their combined bid was not in the form demanded by the specifications.

Prof. White called attention to the fact that a clause in the specifications reserved to the University the right to waive any formality of wording or arrangement in connection with the bids.

On motion of Mrs. Evans, the contracts for the Women's Residence Hall were awarded and appropriations were made as recommended by Prof. White (see page 948). The vote was as follows: Ayes, Mr. Abbott, Mrs. Busey, Mr. Carr, Mrs. Evans, Mrs. Henrotin, Mr. Hoit, Miss Watson; noes, none; absent, Mr. Blair, Mr. Dunne, Mr. Small, Mr. Trevett, Mr. Ward.

**STORES FUND.**

Mr. Hoit presented a recommendation of the Finance Committee that a Stores Fund of \$35,000 be established in the books of the Comptroller (see page 853).

On motion of Mr. Carr, this recommendation was adopted, by the following vote: Ayes, Mr. Abbott, Mrs. Busey, Mr. Carr, Mrs. Evans, Mrs. Henrotin, Mr. Hoit, Miss Watson; noes, none; absent, Mr. Blair, Mr. Dunne, Mr. Small, Mr. Trevett, Mr. Ward.

**EMPLOYMENT OF AUDIT COMPANY.**

Mr. Hoit also presented for the Finance Committee the matter of securing a firm to audit the accounts of the University quarterly during the coming year.

On motion of Mrs. Henrotin, this matter was referred to the Finance Committee with power to act.

### APPOINTMENTS BY PRESIDENT JAMES.

The Secretary presented for record the following list of appointments made by the President of the University:

Booth, H. T., Assistant in Physics for ten months beginning September 1, 1916, at a salary of seventy-five dollars (\$75) a month. (June 7, 1916.)\*

Gibson, Helen E., Secretary in the Department of Dairy Husbandry, at a salary of sixty-five dollars (\$65) a month, beginning July 1, 1916, or as soon thereafter as she may report for duty, and continuing until further notice, subject to the rules of the Civil Service Commission. (June 1, 1916.)

Lillethun, Myrtle, Stenographer in the Registrar's Office, at a salary of fifty dollars (\$50) a month, beginning May 17, 1916, and continuing until further notice, subject to the rules of the Civil Service Commission. (May 1, 1916.)

Nelson, R. A., Assistant in Physics, on part time, for ten months beginning September 1, 1916, at a salary of fifty dollars (\$50) a month. (June 7, 1916.)

Newman, Margaret, University Stenographer, Rank I, in the Library, at a salary of forty dollars (\$40) a month, beginning June 1, 1916, or as soon thereafter as she may report for duty, subject to the rules of the Civil Service Commission. (June 5, 1916.)

Pike, C. E., Assistant in Physics, on part time, for ten months beginning September 1, 1916, at a salary of fifty dollars (\$50) a month. (June 7, 1916.)

Quick, R. S., Research Fellow in the Engineering Experiment Station, for two years beginning September 1, 1916, with a stipend of five hundred dollars (\$500) a year. (June 2, 1916.)

Shewhart, W. A., Assistant in Physics, for ten months beginning September 1, 1916, at a salary of eighty dollars (\$80) a month. (June 7, 1916.)

Teare, J. L., Scholar in Political Science, for ten months beginning September 1, 1916, with a stipendium of twenty-five dollars (\$25) a month. (June 6, 1916.)

### LIST OF DEGREES CONFERRED.

The Secretary presented for record the following list of degrees to be conferred at the Forty-fifth Annual Commencement:

#### SUMMARY OF DEGREES.

##### *Degrees in the Graduate School—*

A.M. ....	52	E.M. ....	1
M.S. ....	53	Ph.D. ....	33
C.E. ....	10		
E.E. ....	5	Total .....	159
M.E. ....	5		

##### *Baccalaureate Degrees—*

A.B., College of Liberal Arts and Sciences .....	228	B.S., College of Engineering..	223
B.S., College of Liberal Arts and Sciences .....	21	B.S., College of Agriculture..	189
A.B., College of Commerce and Business Administration .....	69	B. Mus., School of Music.....	7
		Total .....	737

##### *Degrees in Law—*

LL.B. ....	21
J.D. ....	4
Total .....	25

##### *Degrees in Library Science—*

B.L.S. ....	11
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Total, colleges and schools at Urbana..... 932

##### *Degrees in Medicine—*

B.S. ....	12
M.D. ....	109
Total .....	121

##### *Degrees in Dentistry—*

D.D.S. ....	32
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##### *Degrees in Pharmacy—*

Ph.G. ....	39
Ph.C. ....	2
Total .....	41

Total, departments in Chicago..... 194

Total, all departments..... 1,126

\* The date in parenthesis is the date on which the appointment was made by the President of the University.

## COLLEGE OF LIBERAL ARTS AND SCIENCES.

## THE DEGREE OF BACHELOR OF ARTS IN LIBERAL ARTS.

*In General Courses.*  
(With Thesis.)

Edward Corbyn Obert  
Beatty.  
Ben Conrad Berg.  
Miriam Rebecca Fasold.  
Leora Almita Fitz-Gerald.  
Helen Elizabeth Francis.  
Katsuki Hada.

Roy Thomas Heckets-  
weider.  
Bertram Atkison Hedges.  
Elmo Paul Hohman.  
Olive Dean Hormel.  
Ruth Ellen Lancaster.  
Mac E Leach.

Benjamin Edward Lud-  
vik.  
Adolph Frederick Pauli.  
Edgar Frederick Schaefer.  
Raymond Leffel Snoddy.  
Ida Emilie Walz.  
Agnes Wright.

## (Without Thesis.)

Eugenie Allais.  
Frank Oscar Allen.  
Paul Glen Allen.  
Worth Arthur Allison.  
Genevieve Raymond Al-  
vord.  
Louise Amborn.  
Harry Lee Andrews.  
Roscoe Crum Andrews.  
Frederick Verne Arber.  
Janet Christine Baldwin.  
Salome Rose Balkema.  
John Kenneth Barber.  
Nellie Flora Bartels.  
James Summerfield Bar-  
tholow.  
Frank Herman Beach.  
Walter Hubert Beal.  
Helen Behrensmeier.  
Marie Valentine Berlin.  
Josephine Elizabeth Bern-  
hardt.  
Walter Fred Boye.  
George Keyports Brady.  
Emil George Brandner.  
Emma Matilda Breistadt.  
Kenneth George Brown.  
Lloyd Daniel Bunting.  
Owen McIntosh Burns.  
Carrie Esther Carlson.  
Glen Christy B. Mus.  
Meribah Eliza Clark.  
Clara Alice Clausen.  
Gabriel Victor Cools.  
Vail Cordell.  
Bruce Herbert Corzine.  
Dorothy Lucile Cuthbert.  
Martha Laura Fred Davis.  
Raymond Edward Denz.  
Lucy Leonora DeWolfe.  
Lois Ellen Dodds.  
Mildred Evangeline Drew.  
Frank James Du Frain.  
Ellen Frances Dwyer.  
Bess East.  
Frank Cleveland Fergu-  
son.  
Eva Josephine Fisher.

Helen Vastine Fisher.  
Denna Frank Fleming.  
Anna Dora Frazee.  
Grace Mildred Geyer.  
Oscar Harry Gibson.  
Minnie Ellen Gilbert.  
Gretchen Louise Gooch.  
Barbara Frances Gles-  
sing.  
Minnie Thomas Hake.  
Pauline Halliwell.  
Laura Ellen Hartman.  
Sylvan Dix Harwood.  
Edna May Hedrick.  
Agnes Johanna Sophia  
Helmreich.  
Mabel Hitt.  
Blanche Louise Hollands-  
worth.  
David Preston Hollis.  
Dorothy Stewart Hormel.  
Bruce Quin Hoskinson.  
Irma L. Houston.  
Grace Laura Howell.  
Cora Edna Jackson Hy-  
nes.  
James Lowell Hypes.  
Mary Fern Johnson.  
Mildred Joyner.  
Sakai Keitoku.  
Frances Grace Klank.  
Emma Adele Kleinau.  
Frieda Elizabeth Korth.  
Kate Lackey.  
Mary Jane Lawless.  
Edgar Guy Lemmon.  
Irene Lillian Liggett.  
Carrie Edna Linnell.  
Ruth Flagg Livesay.  
John Oras Long.  
Mary Elizabeth Love.  
Hazel Sibyl Lyons.  
Dumas Miller McFall.  
Guy Ennis McGaughey.  
Helen Louis Madden.  
B.M.  
Pauline Germaine Maloit.  
Hazel Frances Marks.

Ralph William Marshall.  
Fred Raney Miller.  
Grace Mitchell.  
William Abner Moore.  
Thomas Sherman Morgan.  
Olga Fern Moser, B.M.  
Veta Thorpe Nebel.  
Joseph Morgan Noble.  
Pauline Theodora Os-  
borne.  
Bernice F. Peadro.  
Anita Emma Raab.  
Leal Wiley Reese.  
Ora Edgar Reynolds.  
Frances Ella Roberts.  
Ellen Mary Rourke.  
Mary Hilliard Rumsey.  
Roy Leslie Rush.  
Freda Irma Samuels.  
Albert Merritt Santee.  
Ralph Wendell Schecter.  
Shirley Edward Scott.  
Mae Magdalen Sexauer.  
James Wright Shoemaker.  
Helen May Smith.  
Herbert Edgar Smith.  
Wilhelma Zoe Smith.  
John Edwin Stark.  
Dorothy Sutcliffe.  
Frances Eleanor Swan-  
son.  
Nellie May Swick.  
Marguerite Maude Swits.  
Clementine Taggart.  
Olga Elizabeth Thal.  
Irene Towson.  
Jennie Grace Walker.  
Marie Elizabeth Wallin.  
Hazel Dean Wheaton.  
Mary Elizabeth Wheel-  
house.  
Helen Katherine Whipple.  
Mary Etta Wills.  
Helen May Wilson.  
Orion N. Wing.  
Mitchell Wolter.  
Richardine Woolman.

*In Household Science.*  
(Without Thesis.)

Alice Alexandria Allen.  
Jennie May Babcock.  
Anna Laura Bardwell.  
Harriett Thompson Barto.  
Hazel Marguerite Ben-  
nett.  
Elizabeth Gunder Beyer.  
Hulda Charlotte Breit-  
stadt.  
Ethel Isabel Brooks.  
Lisbeth Brown.  
Dorothy Chew.  
Hilda Marion Croll.  
Ruth Catherine Fedde.  
Florence Roxana Fergu-  
son.

Ruth Gray.  
Ruth Margaret Grant.  
Elodia Ferne Harris.  
Nellie May Hedgcock.  
Elfreda Viola Hennings.  
Irma May Higgins.  
Doris Jean Holloway.  
Susan Eunice Hosford.  
Vivian King.  
Agnes Rose Koupal.  
Wilkie Wright Leggett.  
Carrie Fay Lyons.  
Winifred Leo McClure.  
Leota Irene Mosier.  
Julia Louise Mottier.  
Ruth Isabel Mussenden.

Glen Elizabeth Opie.  
Velma Coe Pletcher.  
Ruth Lucille Quesen-  
berry.  
Harriet Adelaide Sanford.  
Polly Elizabeth Thomas.  
Lillian Maud Thompson.  
Elizabeth Lail Tracy.  
Frances Irene Tritt.  
Lyttie Octavia Urbain.  
Moria Vaughn.  
Amy Ward.  
Lella Elta Watson.  
Isabella Chilton Wilson.

## THE DEGREE OF BACHELOR OF ARTS IN SCIENCE.

*In General Science.*

(With Thesis.)

John Howard Gage.

Dwight Frederick Heath.

Wilbur Fred Kamm.

(Without Thesis.)

Daniel Arthur Albrecht.  
John Alva Alexander.  
Leo Starr Baldwin.  
Marie Teresa Bleuel.  
Carney Edward Chatten.  
Frieda Cobb.  
Edward Alden Cooper.  
Harold Fordyce Crooks.  
Eugene Philip Fager.  
Walter Blaine Felger.  
Alexander Swift Henderson.  
Charles Vernon Holmes.

Edna Louise Johnson.  
Frank Alexander Kopf.  
Clarence Alonzo Lentz.  
Merle Francis Lummis.  
Harry Woodington Mac-  
Kechnie.  
John Leo McNally.  
William B. Mathews.  
Louis Edward Mesen-  
kamp.  
John William Morgan.  
Richard Henry Perrott.  
James Kelly Primm.

William Jasper Prince.  
Duane Willard Propst.  
Kimball Valentine Root.  
Burtch Irwin Rutledge.  
Herbert Frank Seifert.  
Raymond Samuel Simons.  
Francis Marion Van Nat-  
ter.  
Laurence Elmer Voor-  
hees.  
Gertrude T. Weber.

*In Medicine.*

(Without Thesis.)

David Oris Conley.

Donald Mitchell Glover.

## THE DEGREE OF BACHELOR OF SCIENCE.

*In General Science.*

(Without Thesis.)

Verne William Brinkerhoff.

John William Dammers.

Fred Theodore Pinkney.

*In Chemistry.*

(With Thesis.)

John Breedis.  
Rufus Maurice Kamm.  
Oro Sylvester Keener.  
Chester William Lenzing.

Russell Ward Millar.  
Harvey Louis Mueller.  
Horace Abbott Shonle.  
Irene Fern Smith.

Julian Francis Smith.  
Walter Joseph Tilton.  
Carl Alfred Zelle.

*In Chemical Engineering.*

Otis Avery Barnes.  
Fred Charles Hahn.  
Sidney Dale Kirkpatrick.

Edgar Emmanuel Lun-  
gren.  
Ralph Waldo Morgan.

Alexander Hyman Pola-  
kow.  
George Alfred Wrisley.  
William Goss Curtiss.

## COLLEGE OF COMMERCE AND BUSINESS ADMINISTRATION.

## THE DEGREE OF BACHELOR OF ARTS.

(With Thesis.)

Kenneth Dwight Ross.

(Without Thesis.)

Walter Earl Baker.  
Kenneth Corwin Bell.  
Albon Ledru Bevis.  
Hsi-Fan Boggs.  
John Thomas Bradley.  
Roger Beckwith Bronson.  
Robert Rea Brown.  
Chester Junius Cadle.  
Lee Russel Carlson.  
Russell D. V. Castle.  
Lan Sung Chen.  
Harry Charles Dibell.  
Clarence Richard Diet-  
meier.  
John Francis Doyle.  
Effie Charlotte Dunlap.  
Harvey Ellis.  
Wyatt Goan Emmond.  
John Gottlieb Eppinger.  
Clarence Eugene Fifield.  
Erwin Fisher.  
Claude Clifton Foulke.  
William Henry Goelitz.  
Hans Peter Greison.  
William Whiting Gridley.

Woodward William Gun-  
kel.  
George Philip Gustafson.  
Forrest Livingston  
Haines.  
Charles Morgan Hal-  
bruge.  
Tso Chang Hao.  
Leo Gabriel Harris.  
Gold Samuel Hopkins.  
Maynard Wayne Johnson.  
Dwight Irwin Johnston.  
J. Russell Jones.  
Louis Frederic Jungkunz.  
Paul Kenneth Knight.  
Richard Walker Kritzer.  
Norman Joseph Lenhart.  
Charles Reeves Little.  
Lester John Ludwig.  
Leo Gay McAfee.  
Wendell Kemp McCrack-  
en.  
William Thomas McEl-  
veen, Jr.  
Fay Waldo Martin.

Arthur Helgeson Mason.  
Arthur Maurice Metzler.  
Elliott Strong Miller.  
Waldo Ray Myers.  
Floris Wilson Nichols.  
Chiyozi Ohinata.  
Walter Raymond Pierson.  
Harold Austin Pogue.  
James Bruce Pratt.  
Claude Raibourn.  
Isaac LaGrange Rat-  
cliffe.  
Ralph Louis Schiesswohl.  
Waldo Lauff Schlueter.  
A. Vernon Sheetz.  
Walter William Shelden.  
Franklin Willing Shilling.  
Elmer Henry Stumpf.  
Frank Howard Sutton.  
Lewis Bryant Wallace.  
Emil Hjalmer Westlund.  
Lyde Evangeline White.  
Gyon Carl Whitley.  
Josef Franklin Wright.  
Robert Bruce Zinser.

## COLLEGE OF ENGINEERING.

## THE DEGREE OF BACHELOR OF SCIENCE.

*In Architecture.*

Paul Donald Amsbary.  
John Solomon Bartley.  
Temple Hoyne Buell.  
James Russell Clark.  
Dorothea Marion Clay-  
berg.  
Clinton Harriman Cow-  
gill.  
William Crutchfield.  
Francis Ellsworth Dun-  
lap.  
Henry Emanuel Ek-  
strand.

Elmore George Ernst.  
Lawrence Fischer (as of  
the class of 1891).  
Guy Chandler Fulton.  
Edward George Hirt, Jr.  
Willis Wilkinson Hub-  
bard.  
Carrol Aaron Klein.  
Harry Farrar Knappen-  
berger.  
Roy Walter Leibsle.  
Miles John McClelland.  
Carl Theodore Meyer.

Erwin Franklin Miller.  
William Chandler Peter-  
son.  
Eric Frederic Pihlgard.  
Ellis J. Potter.  
Charles Lawrence Ritts.  
Fred Grafton Rounds.  
Don Buel Schuler.  
Elliott Dudley Van Frank.  
Siegfried Nathaniel Vibe-  
lius.

*In Architectural Engineering.*

William Louis Ashbeck.  
Leo Starr Baldwin.  
Russell Daniel Barnes.  
Warren Platt Beaubien.  
Clarence Louis Bentz.  
Clinton L. A. Booke-  
mohle.  
Thomas Henry Burrell.  
Frederick Rudolph Flete-  
meyer.  
Reuel Ariel Godehn.  
Walter Henry Halas.  
Eugene Carl Hamill.  
Carl Otto Hawkinson.

John Harold Heindel.  
Arnold Carl Holinger.  
Harry Stevens Holtze.  
Waldern Henry Hough.  
Jess Charles Largent.  
Irving Nicholas Larson.  
Leroy William Ledger-  
wood.  
Harold Benjamin Lotz.  
Andrew Victor Theodor  
Lundgren.  
Charles William McCum-  
ber.  
Leo Joseph Mattingly.

Hugh Nelson Mavor.  
Harry Lea Owen.  
William Love Parish.  
Harry Thomas Rogers.  
Russell David Rogers.  
Fred Andrew Rohn.  
Karl William Schmidt.  
Edward Olaf Siegfried.  
Albert Getten Stone.  
Silas Max Trumbo.  
Harry Edwin Webber.  
George Richard White.  
Arthur Charles Zimmer-  
man.

*In Ceramics.*

Orello Simmons Buckner.  
Harold Edward Clark.  
Lister Alward Deaver.  
Fred James Hill.

Fremont John August  
Hoehn.  
Frank Sumner Hunt.  
Sven Cyril Linder.

John Boyd Lyon.  
Reinhard August John  
Steinmayer.  
Chester Treischel.

*In Ceramic Engineering.*

Abraham Samuel Buhai.  
Earl Emanuel Libman.

Robert Charles Rahn.  
Hugh Schuyler Robertson.

Frank Rosenberg.

*In Civil Engineering.*

Kenneth Burman Bush.  
Edmund Cleslik.  
Richard Newell Coolidge.  
John DeWitt Culp.  
John Riley Donaldson.  
Frank Leroy Dunavan.  
Carl Paul Ernst.  
Ernesto Augusto Fock.  
George Albert Geib.  
John Edward Grayhack,  
Jr.  
Herman C. Grunewald.  
Carson Gary Jennings.  
Marcus Leonard Johnson.  
David Robert Jones.

Arthur Raymond Keller.  
Armin Martin Kircher.  
Cornelius Walter Koe-  
bele.  
Edgar Alfred Lawrence.  
Roy Edward LeKander.  
Marcello Francisco de  
Lima.  
Harry Samuel Mahood.  
Joseph Harrison Miller.  
Truman Pharaoh Moote.  
Alfred Norberg.  
Carlyle Seeds Rhodes.  
Howard Moore Rotrock.  
Edwin Shelby, Jr.

Earl Frank Shelley.  
Oscar Silberman.  
Herbert Lee Slack.  
Charles Eugene Smith.  
James Crear Stirton.  
Harry Frederick Stocker.  
Clarence Milton Stoffel.  
Herbert Louis Voigt.  
Alvin Claude Volk.  
Clifton James Walker.  
Wesley Burnham Wal-  
raven.  
Edward Paul Wright.

*In Electrical Engineering.*

Robert Hamilton Bacon.  
Herbert Richard Behr.  
John Shafer Beltz.  
Emerson Franklin Bol-  
inger.  
Clell McArthur Brent-  
linger.  
David Warner Burgoon.  
Paul Henry Burkhart.  
John Baptist Chartrand.  
David William Cooper.  
Manoel Ferreira da  
Costa.  
Licinio da Silva Couto.  
Allan Douglas Donnell.  
Henry Edward Dralle.

Albert Ambrose Ignatius  
Graff.  
Clarence Todd Grant.  
John Elmer Gruner.  
Leslie Monroe Gumm.  
Frank Spoor Henderson.  
Kenneth Blaine Hum-  
phrey.  
Robert Hyndman, Jr.  
Oliver Stapp Imes.  
Rowling Jarvis.  
Robert Clair Kane.  
James Kantor.  
Tane Kawamoto.  
Henry Michael Koll.  
Garabet Hovanness Kou-  
youmjian.

Oral Albert Lansche.  
Horace Willard Lindsay.  
Howard William Mateer.  
Raymond Mooney.  
Herbert Zoller Mueller.  
Nripendra Kumar Nag.  
Mukund Lal Pathak.  
Louis John Rust.  
Henry Kellogg Sheldon.  
Lionell David Smiley.  
Alwin Gustav Stein-  
mayer.  
Lewis Wentworth Swett.  
Ralph Raymond Thomas.  
Edward Grover Weiler.  
Frank Herbert White, Jr.  
Soichi T. Yamamoto.



*In Mechanical Engineering.*

Owen Huntington Anderson.  
 Lewis Michael Becker.  
 Charles Franklin Belshaw.  
 Ralph Samuel Burwash.  
 John Frier.  
 Elwyn Tracy Gants.  
 Harry Allen Gum.  
 Stanley Hansen.  
 Okla Harold Hershman.  
 Oliver Cromwell Kemp Hutchinson.  
 Charles Harold Jackman.  
 John Benjamin Jefferson.  
 Maurice Carl Johnson.  
 Byron Florence Kenner.

DeWitt Leonard King.  
 Charles Gorr Klopp.  
 Cary Lee Knodle.  
 Elie Spencer Krieh.  
 Leo Peter Kurt.  
 Nelson Lawnin.  
 Clovis Ward Lincoln.  
 Ross Seguire Mason.  
 Daniel Edwin Miller.  
 Leslie Sherman Morrill.  
 Louis Edward Mulac.  
 Adolph Lincoln Nelson.  
 Oliver John Neslage.  
 Carlton Frederick Olsen.  
 David Lee Ott.  
 Charles Norton Owen.  
 John Beitner Pagin.

Frank Raffowitz.  
 George W. Renwick.  
 Albert William Robinson.  
 Harold Boone Rose.  
 Joseph Alvin Rueff.  
 Gilbert Simon Schaller.  
 Donald Charles Scheele.  
 Louis Herman Schickeldanz.  
 Walter Andrew Stahl.  
 Roy Dehm Sundell.  
 Floyd Elsworth Troxel.  
 Gerry Christopher Vandeenboom.  
 Robert Ernest Wiley.

*In Mining Engineering.*

Ernest Victor Allen.

Chi Tsing Lu.

Harold Edwin Willson.

*In Municipal and Sanitary Engineering.*

Russell Smith Colton.  
 Parke West Freark.

Charles Everett Hungerford.

Joseph Moore McKeon.  
 Charles Edgar Trowbridge.

*In Railway Civil Engineering.*

Sarva Rupa Bakhshi.  
 Robert Sidney Goldstein.

Max Joseph Kadinsky.

Morris Charles Winokur.

*In Railway Electrical Engineering.*

Franklin Otis Carroll.  
 Albert Jay Clarkson.

Howard Edward Rundle.

Edward Holmes Schlader.

*In Railway Mechanical Engineering.*

Yin Hsiang Niu.

Phares Lemar White.

## THE COLLEGE OF AGRICULTURE.

## THE DEGREE OF BACHELOR OF SCIENCE.

*In Agriculture.*

(With Thesis.)

Louis Jacob Greengard.  
 Lloyd E. Lamkins.

Frances Jean MacInnes.

Max Rudolph Hendrick Treu.

(Without Thesis.)

Worth Arthur Allison.  
 Mervil Carlyle Alyea.  
 Douglas Jacques Amos.  
 Homer Franklin Attebery.  
 Ralph Edgar Augustus.  
 John Thompson Auten.  
 Wallace Bothwell Bain.  
 Edward Fred Barth.  
 Edward Stevenson Block.  
 Joseph Franklin Brandon.  
 Amos Lloyd Breneman.  
 Raymond Harrison Brooks.  
 Bayard Brown.  
 Clair William Brown.  
 Earl Vivian Bruntington.  
 Clifford Clare Burns.  
 David Joseph Campbell.  
 Tien Tsai Chang.  
 Otto Christy.  
 George Clark.  
 Howard John Clinebell.  
 Charles Edward Cooper.  
 Dudley Winthrop Crane.  
 Thomas Carl Cravens.  
 John Powell Crebs.  
 Henry Fay Crosby.  
 George Arthur Cross.  
 George Curtiss.  
 Rex Carr Eaton.  
 Elmer Tyron Ebersol, M.S.  
 M. Reece Edwards, A.B.  
 Saleem Raji Farah.  
 Joseph Elmer Feldman.  
 James Henry Finnegan.  
 Jack Allen Fitzgerald.

Joseph Frederick Gauger.  
 Robert Edwin Gayle.  
 John Ray Gilkey.  
 Everett E. Glick.  
 John Christian Grabbe.  
 Leroy Oliver Grieser.  
 Francis Dickerson Griffith.  
 Chester Gilbert Hadden.  
 Thomas Angus Hagan.  
 Raul Hannush.  
 Ralph Frame Harvey.  
 Emin Witherspoon Hawkins.  
 Francis Leo Headley.  
 George Samuel Hedrick.  
 James Bruce Henderson.  
 James Edward Hill.  
 Warren Elliott Hill.  
 Charles Ralph Howe.  
 William Thomas Howe.  
 Charles Thurman Hufford.  
 Leslie Lyman Hunt.  
 Homer Irving Huntington.  
 George William Hypes.  
 Thomas Debenham Kahler.  
 Alva Hugo Karraker.  
 William Henry Kasten.  
 Walter Moore Keach.  
 Francis Hugh Kelley.  
 Henry Phillips Kelley.  
 Samuel Adams Kellogg, A.B.  
 Vernon Harlow Kern.

Levett Kimmel.  
 Robert Herman Klamt.  
 Arthur Endres Kraeckmann.  
 William Stanton Ladd.  
 Charlton Page Lathrop.  
 Joel William Laws.  
 Paul Jackson Leach.  
 Wayne Snyder Leighty.  
 Clyde Maurice Linsley.  
 Clifford Sharon Love.  
 Leslie Robert Lumley.  
 George Richard Lunde.  
 Richard Dana Lyman, A.B.  
 Alexander Paul Macdonald, Jr.  
 Alva Elisha McCoy.  
 Robert E. McDowell.  
 Charles Frederic Mansfield.  
 John Riley Merriman.  
 Arthur Edward Mealiff.  
 Richard Bardwell Millin.  
 John Turner Mills.  
 Henry Miner.  
 Lemuel Ernest Minnis.  
 Lewis Albert Moore.  
 Robert Louis Moses.  
 Will Walter Mounts.  
 Everett Franklin Murphy.  
 Howard Dawson Murphy.  
 Albert Joseph Nolan.  
 Clyde James North.  
 Kenneth Warren Parkinson.  
 John Francis Picken.

Alvin Fred Preston.  
Charles Bradlaw Price.  
Eugene Francis Pruett.  
Benjamin Harrison Questel.  
Granville Leroy Rigg.  
William Otto Roessler.  
Walter Louis Rohlfing.  
Michael Andrew Schalck.  
Raymond Stanley School.  
Lincoln Bain Scott.  
Winfield Scott.  
William Heine Sellards.  
Arthur Truman Semple.  
Rolla Flemming Shaffer.

Ray Iris Shawl.  
John Erwin Shields.  
William Henry Simms, Jr.  
Theodore Switzer Simmons.  
Charles Leonard Skelton.  
William Finley Sloan.  
Glenn Calvin Smith.  
Glenn Snyder.  
Ray Malcolm Strickland.  
Wilbor Mills Sutherland.  
Norvid Raymond Swanson.  
Edgar Chessman Swartwout.  
Robert Isaac Terry.

Abner Royce Thomas.  
Clair Joel Thomas.  
Oliver John Troster.  
James Oliver Tupper.  
Rodman Fleming Vansant.  
Ralph Hoyt Vial.  
George William Walker.  
Te Chang Wang.  
Harper McDill Warnock.  
John Wesley Watson.  
Jasper Kent Webb, B.S.  
Alfred David Wilson.  
Ingal Ensor Wold.  
Charles William Wray.  
Douglas Wright, Jr.

*In Teachers' Course.*  
(Without Thesis.)

Frank Luverne Bennett.

Alvin Texas Fishman.

Raymond Victor Larson.

*In Floriculture.*  
(Without Thesis.)

Edwin Adams Bebb.  
Forrest Bebb.  
Horace Ballou Ingalls.

Leo Charles Jez.  
Harry Mohlman.  
Henry Rollo Mueller, A.B.

Ernest Rudolf Schulz.  
Lyle Elwood Severance.

*In Landscape Gardening.*  
(Without Thesis.)

Albert Ayrton Farnham.  
Leonard B. Hiebel.  
Sherman Ingels.  
Paul Peter Kiessig.  
May Elizabeth McAdams.

Philip Timon Primm.  
Gardner Spencer Rogers.  
William Lloyd Rundles.  
Arthur George Seifried.  
Mary Alice Simpson.

William August Strong, A.B.  
Frank Hilton Thorne.  
Philip Theodore Troeger.

*In Household Science.*  
(Without Thesis.)

Grace Elizabeth Champlin.  
Mary Elva Dorsett.  
Mildred Lillian Forkey.  
Evelyn Ella Gehant.  
Rosalie Florence Gehant.  
Laura Edna Hirth.  
Ellena Lee.

Elsie Louise Mitchell.  
Eleanor Sarah Peterson.  
Irene Emma Pulsipher.  
Edith Hasseltine Stevens.  
Rita Stinson.  
Gladys Annie Treat.  
Opal Winifrede Trost.

Flora Jane Weinberg.  
Helen Margaret Whitchurch.  
Adeline Wood.  
Rachel Margaret Woolman.  
Ethel Marie Wykle.

MEMBER OF THE CLASS OF 1882 WHO RECEIVED CERTIFICATE OF GRADUATION, AND UPON WHOM IS NOW CONFERRED THE DEGREE OF BACHELOR OF SCIENCE (IN AGRICULTURE).

William Goss Curtiss.

THE SCHOOL OF MUSIC.

THE DEGREE OF BACHELOR OF MUSIC.

(With Thesis.)

Clara Elizabeth Davis.  
Lucy Belle Hill.  
Florence May Jervis.

Olive Myrtle Meneley.  
Mary Agnes Murphy.  
Mabel Louise Ruehe.

Albert Austin Harding.

THE COLLEGE OF LAW.

THE DEGREE OF BACHELOR OF LAWS.

Elliott Billman.  
Olen Robert Clements, A.B. 1914.  
Walter Thomas Day.  
John William Freels.  
James Harman Gilbert.  
Donald Ashway Grossman.  
William Ward Hart.  
Ray David Henson.

Joseph Howard Hinshaw, A.B. 1913.  
Charles Francis Hough, Jr.  
Robert Jarnagin.  
Fred Hanford Kelly.  
Ralph Kenshalo.  
Roland John Klingler.  
Wilbur Edward Krebs.

Joseph Dayle Lawyer.  
Carl King Rang, A.B. 1914.  
John Lester Robinson.  
Thomas Lenor Ruth.  
Lew R. Sarett, A.B., Belmont College, 1911.  
Joe Whitnel.

THE DEGREE OF DOCTOR OF LAW.

Nuel Dinsmore Belnap, A.B. 1914. Frank Clifton Slater, A.B. 1914.  
Frank Bonner Leonard, Jr., A.B. 1912. Frank Sewall Stroheker, A.B. 1915.

THE LIBRARY SCHOOL.

THE DEGREE OF BACHELOR OF LIBRARY SCIENCE.

(Without Thesis.)

Elsie Louise Baechtold, A.B., Grinnell College, 1911. Marguerite Mitchell, A.B., Ohio State University, 1915.  
Susan True Benson, A.B., Missouri Wesleyan College, 1909. Beatrice Prall, A.B., University of Arkansas, 1911.  
Jessie Elizabeth Bishop, A.B., Smith College, 1911. Charles Holmes Stone, B.S., A.M., University of Georgia, 1912, 1913.  
Nelle Uree Branch, A.B., 1907. Alta Caroline Swigart, A.B., 1910.  
Mary Gladys Burwash, A.B., 1913. Margaret Stuart Williams, A.B., University of Texas, 1912.  
Marian Leatherman, A.B., Cornell University, 1907.

## THE COLLEGE OF MEDICINE.

## THE DEGREE OF BACHELOR OF SCIENCE.

Richard Elseph Anderson.	James Edward Fetherston.	Thomas Benton Murphy.
Fred Elton Carpenter.	Leo Vincent Gates.	George William Schelm.
Schuyler Opp Cotton.	George Koptik.	Edward Frank Sladek.
Benjamin Quincy Dysart.	Raymond John Mercey.	Guy Leon Wagoner.

## THE DEGREE OF DOCTOR OF MEDICINE AND SURGERY.

C. George Appelle.	Boyd Franklin Eye, Jr.	Hubert Franklin Meacham.
Robert Irving Barickman.	Marion Shelley Fink.	Reuben Alvord Moffett.
Edwin Judge Barnett.	Victor Finsand.	William James Mulholand.
Hannah Jane Beatty.	Alexander William For- dyce.	Mary Ruth McGuire.
J. Francis Bennett.	Sophia Henrietta Fred- erickson.	Maury Holcombe McRae.
Clifford Edward Bergin.	L. Vincent Gates.	Fusa Taro Nakaya.
Alick Bernstein.	Russell Adams Gilmore.	Rocco Nigro.
Franklin Carlisle Bivings.	Harold Mortimer Glover, A.B.	Harry Sims Norton.
Warren Caldwell Blim.	John Gervase Goggin.	Jacob Paskind.
Pliny Russell Blodgett, B.S.	Benjamin Goldberg.	Ralph Waldo Peterson.
Bernard Joseph Bolka.	Victor Hugo Hasek.	Harry Michael Peterson.
Rollo Preston Bourbon.	Grace Maude Hawthorne, R.N.	Ralph Harrison Pino.
Roy Melson Bowell.	Placido Ramos Vasquez Hommel.	Victor Piro.
Lewis Edwin Joel Browne.	Arshavid Ignatius.	William Bowker Preston.
Edward Arthur Brucker.	William Israelson.	William Raim.
Wesley Morgan Burling.	Clarence August Jacob- sen.	Henry Benjamin Raman.
Manley Joseph Capron.	Leo Jacob Jacobson.	John Lestrangle Rock, B.S., A.B.
William Franklin Carroll.	Walter John Jaracz.	Samuel Joy Rowland.
Albert Brockway Carsten- sen.	Daniel William Jeffries.	Nathan Samuel Schiff.
Emmet Francis Casey.	Harry Katz.	Abraham Seletz.
Alger Arthur Clark.	Ralph King.	James Melvin Severson.
Blaine Wilson Claypool.	Ralph Glenn Kline.	Roy Davis Short.
Horace R. Cobb.	Herman Carl Koch.	Willis Irving Silverstein.
Michael Milton Cody.	Bernard J. Kulasavicz.	Lloyd Emerson Smith.
James Swaney Cooper, B.S.	Helen Pearl Kutzenberger.	Arthur Kern Spiering.
Ward Cooper.	Max Lampert.	Jacob Stern.
Schuyler Opp Cotton.	Henry Robert Leibinger.	Louis Henry Stern.
Aubrey James Cross.	George R. Lipp.	Ladislav Stofa.
Agnes Beulah Cushman.	Jacob Lifschutz.	Samuel Jack Taub.
Lloyd David Cutting.	Bruno August Lungmus.	Ian Davis Tiedeman.
Maurice Doktorsky.	Aniceto Ylagan Mandanas.	Samuel Lewis Tomsu.
William Holmes Dyer.	Juan Sixto Marchan.	Joel Edwin Toothaker.
Fred Elwell Earel.	Hervey Fulton Masson, Ph.C., M.D.	Mardiros Bedros Vart.
Charles Patt Eck, Ph.C., Ph.G.	Cora Arminta Matthews.	Atthol Horatio Wedge.
David Eisenberg.		Harry Hults Wilson.
Lynn Wickwire Elston, B.S.		Marcus Bryed Wilson.
Arthur Morgan Evans.		Paul Jacob Wolf.

## THE COLLEGE OF DENTISTRY.

## THE DEGREE OF DOCTOR OF DENTAL SURGERY.

Herbert Ralph Alden.	Harry M. Harnick.	Charles J. McCornell.
Harold Hannum Berman.	Kiyoshi Horiuchu.	Leo Orloff.
Nathan M. Bernstein.	Robert I. Humphrey.	Harold L. Playman.
Luther Lincoln Blaine.	Jacob Jesser.	Allgot G. Person.
Mahrice Irwin Blair.	Ernest Garfield Johnson.	Henry Reisman.
Thomas Chew Bonney.	Earl E. Johnson.	Camille Marie Richter.
Edward Joseph Bostick.	Lawrence Martin Koch.	Noah Webster Schlusell.
Harold Scribner Condit.	Louis Bernard Kousnetz.	Victor Hugo Sears.
William Arthur Cusick, Jr.	Andrew Arthur Litscher.	Pepper Wheeler Smith.
Robert Jesse Dixon.	Louis C. Lowenthal.	Roscoe Winters Upp.
	Louis Francis Meier.	Maxwell T. Wood.

## THE SCHOOL OF PHARMACY.\*

## THE DEGREE OF PHARMACEUTICAL CHEMIST.

(Conferred May 27, 1916, in Chicago.)

Anthony Di Cosola.	Albert Alvin Ortmann.
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## THE GRADUATE SCHOOL.

## THE DEGREE OF MASTER OF ARTS.

*In Botany.*

Robert Leslie Davis, A.B., University of Nebraska, 1914.	John Marvin LeCato, A.B., University of Michigan, 1913.
	Rose Smith, A.B., 1911.

\* For list of persons on whom the degree of Graduate in Pharmacy was conferred on April 26, 1916, in Chicago, see page 936.

*In Chemistry.*

- Edman Greenfield, A.B., University of Kansas, 1914.  
 Ernest Henry Vollweber, A.B., Miami University, 1914.  
 Carl Shipp Marvel, A.B., Illinois Wesleyan University, 1915.

*In Classics.*

- Mary Viola Bruner, A.B., 1913.  
 Margaret Olmsted, A.B., Augustana College, 1915.  
 Mary Elizabeth Colcord, A.B., Greenville College, 1910.  
 Mary Luella Trowbridge, A.B., 1915.  
 Michal Velma Jamison, A.B., Northwestern University, 1912.

*In Economics.*

- William Henry Dreesen, A.B., Greenville College, 1907.  
 Maurice Elzin Murphy, A.B., Indiana University, 1913.

*In Education.*

- Jeanette Morrison Engle, A.B., 1915.  
 Mary Hazel Melrose, A.B., 1910.  
 Theodore Spafford Henry, A.B., Hedding College, 1913.  
 John Breen Phillips, A.B., 1912.  
 Ottis Hoskinson, A.B., Union Christian College, 1900.  
 Tenjes Henry Schutte, A.B., 1912.

*In Entomology.*

- James Lowell Hypes.

*In History.*

- Daisy Dean Dryden, A.B., University of Kansas, 1905.  
 Laura McAllister Moore, A.B., Indiana University, 1892.  
 Walter Wilson Jennings, A.B., 1915.  
 Helen Katherine Schoepperle, A.B., 1915.  
 Kathryn Maddock, A.B., Rockford College, 1915.  
 Helen Dale Story, A.B., Monmouth College, 1912.  
 Mabel Gregory Walker, A.B., 1909.

*In Mathematics.*

- William Henry Cullum, Jr., A.B., Albion College, 1915.  
 Robert Haskel Marshall, A.B., 1914.  
 Mary Belle Davis, A.B., 1901.  
 Merlin Grant Smith, A.B., Greenville College, 1915.  
 Kate Lackey.

*In Modern Languages.**(In English.)*

- Clyde Byron Beck, A.B., Earlham College, 1906.  
 Edith Irene Sendenburgh, A.B., 1913.  
 Levette Jay Davidson, A.B., Eureka College, 1915.  
 Thomas Blaine Stanley, A.B., Earlham College, 1913.  
 Effie Marguerite Morgan, A.B., James Millikin University, 1913.  
 Annette Steele, A.B., Transylvania University, 1911.  
 James Manley Phelps, A.B., Northwestern University, 1912.  
 Merle Arthur Sweney, A.B., Hedding College, 1913.

*(In German.)*

- Olive Caroline Harris, A.B., Hedding College, 1915.  
 Ethel Louise O'Connor, A.B., Herring College, 1915.

*(In Romance Languages.)*

- Otho William Allen, A.B., 1915.

*In Philosophy.*

- Harry Amsterdam, A.B., Lake Forest College, 1915.

*In Physics.*

- Charles Francis Hill, A.B., 1914.  
 Eleanor Frances Seiler, A.B., A.M., University of Denver, 1913, 1914.

*In Political Science.*

- A. Ernest Mahannah, A.B., Fairmount College, 1914.

*In Sociology.*

- William Morland Graham, B.S., McKendree College, 1913.  
 Carrie Patton Clark, A.B., Northwestern University, 1909.

*In Zoology.*

- Rachel Ann Baumgartner, A.B., University of Kansas, 1912.  
 George Marsh Higgins, B.S., Knox College, 1914.  
 Lillian Dora Dole, A.B., 1915.

## THE DEGREE OF MASTER OF SCIENCE.

*In Agronomy.*

- M. Reece Edwards.  
 Warren Rippey Schoonover, B.S., Occidental College, 1913.  
 Trennace Flowerree, B.S., 1913.

*In Animal Husbandry.*

- Wilbur Jerome Carmichael, B.S., 1913. James Wilbur Whisenand, B.S., University of Nebraska, 1914.  
 James Bruce Henderson, B.S., 1916. David Willard Williams, B.S., Ohio State University, 1915.  
 William Algernon Kingsmill Morkel, A.B., 1915.  
 Julius Edward Nordby, B.S., University of Idaho, 1915.

*In Architecture.*

- La Force Bailey, B.S., 1915.

*In Ceramic Engineering.*

- Ralph Raymond Danielson, B.S., 1914. Arthur Edward Williams, B.S., 1910.  
 Frank Allen Kirkpatrick, B.S., 1914.

*In Chemistry.*

- Don Warren Bissell, B.S., New Hampshire College, 1914. Walter Gerald Karr, B.S., Alfred University, 1913.  
 Frederick North Crawford, B.S., Wesleyan University, 1908. Henry Rhodes Lee, A.B., Carroll College, 1914.  
 Carl Nathan Davidson, A.B., Lawrence College, 1914. Harold Alvin Levey, B.E., Tulane University, 1911.  
 Edward Adelbert Doisy, A.B., 1914. Stewart Dent Marquis, A.B., Lake Forest College, 1911.  
 Frank F. Footitt, A.B., Albion College, 1914. Robbins Russel, B.S., Illinois College, 1914.  
 Jay Thomas Ford, A.B., DePauw University, 1914. Albert Durand Shepard, B.S., South Dakota State College, 1914.  
 William Durrell Hatfield, B.S., Illinois College, 1914. Nim Chi Shum, B.S., 1914.  
 John Frederick Gross Hicks, B.S., University of Pennsylvania, 1906. Terrence Onas Westhafer, A.B., University of Oklahoma, 1914.

*In Civil Engineering.*

- Kaimin Kay Feng, B.S., 1915. Jackson Heath Wilkinson, B.S., 1915.  
 Kozaburo Mise, C.E., Tokyo Imperial University, 1911. James Fook Omm Yapp, B.S., 1915.

*In Dairy Bacteriology.*

- Harrison August Ruehe, B.S., 1911.

*In Electrical Engineering.*

- Carl Shipman Breese, B.S., Kansas State Agricultural College, 1912. Walter Arthur Gatward, B.S., Washington State College, 1913.  
 Tane Kawamoto.

*In Entomology.*

- Clyde Carney Hamilton, B.S., Kansas State Agricultural College, 1913. Lewis Bradford Ripley, B.S., Trinity College, 1915.  
 Joseph Lyonel King, B.S., Ohio State University, 1914.

*In Geology.*

- Mason Kent Read, B.S., Denison University, 1914.

*In Horticulture.*

- James Alfred Crawford, B.S., Cornell University, 1915.

*In Household Science.*

- Marie Breese Miller, B.S., Ohio State University, 1911.

*In Mechanical Engineering.*

- Lester Clyde Lichty, B.S., University of Nebraska, 1913. Walter Jacob Wohlenberg, B.S., University of Nebraska, 1910.  
 William Penn Lukens, A.B., Swarthmore College, 1913.

*In Pathology and Bacteriology (Medicine).*

- Frederick Howard Falls, B.S., University of Chicago, 1908, M.D., Rush Medical College, 1910.

*In Physics.*

- Harry Tyler Booth, B.S., Carleton College, 1915.

*In Railway Mechanical Engineering.*

- Everett Gillham Young, B.S., 1913.

*In Theoretical and Applied Mechanics.*

- Andrew John Albert Anderson, B.S., Lewis Institute, 1913, B.S., M.S., 1915. Jasper Owen Draffin, B.S., University of Vermont, 1913.  
 Raymond Earl Davis, B.S., C.E., University of Maine, 1911, 1914.

## PROFESSIONAL DEGREES IN ENGINEERING.

*The Degree of Civil Engineer.*

- |                                    |  |
|------------------------------------|--|
| Levi Patten Atwood, B.S., 1894.    | Howard Charles Haungs, B.S., 1907.     |
| Edwin Walker Buxton, B.S., 1907.   | George Martin Aloysius Ig, B.S., 1909. |
| Byron Kemp Coghlan, B.S., 1908.    | Harry Ashton Roberts, B.S., 1902.      |
| Charles Edmund DeLeuw, B.S., 1912. | Benjamin Bruce Shaw, B.S., 1911.       |
| Arthur Ludvig Enger, B.S., 1911.   | Milton Frederick Stein, B.S., 1909.    |

*The Degree of Electrical Engineer.*

- |  |   |
|--|---|
| Edgar Dwight Doyle, B.S., 1910.          | Harry Forest Geist, B.S., 1912.           |
| Frederick John Foersterling, B.S., 1911. | Rudolph McDermet, B.S., M.S., 1912, 1914. |
| Ralph Mayo Gaston, B.S., 1903.           |   |

*The Degree of Mechanical Engineer.*

- |                                     |   |
|-------------------------------------|---|
| Clarence Boyle, Jr., B.S., 1910.    | Kenneth Gardner Smith, A.B., University of Chicago, 1896, B.S., 1905. |
| Perry John Freeman, B.S., 1907.     |   |
| Harry Frederick Godeke, B.S., 1905. | Arthur Otto Spierling, B.S., 1910.                                    |

*The Degree of Engineer of Mines.*

- Elmer Allen Holbrook, B.S., Massachusetts Institute of Technology, 1904.

## THE DEGREE OF DOCTOR OF PHILOSOPHY.

*In Bacteriology.*

- Fred Wilbur Tanner, B.S., Wesleyan University, 1912, M.S., 1914.

*In Botany.*

- |   |  |
|---|--|
| John Asbury Elliott, A.B., Fairmount College, 1913, A.M., University of Kansas, 1914. | Rosalie Mary Parr, A.B., A.M., 1906, 1911.     |
| Ernest Michael Rudolph Lamkey, A.B., A.M., 1913, 1914.                                | Harry Dwight Waggoner, A.B., A.M., 1909, 1914. |

*In Chemistry.*

- |   |  |
|---|--|
| Theodore Rolly Ball, B.S., Drake University, 1908, M.S., 1914.      | Ray Washington Hess, A.B., Morning-side College, 1912, A.M., 1914.           |
| St. Elmo Brady, A.B., Fisk University, 1908, A.M., 1914.            | Thomas Ernest Layng, A.B., A.M., McMaster University, 1909, 1912.            |
| Karl Adolf Clark, A.B., A.M., McMaster University, 1910, 1912.      | Harry Fletcher Lewis, B.S., M.S., Wesleyan University, 1912, 1913.           |
| Paul Marshall Dean, A.B., A.M., University of Colorado, 1908, 1911. | Floyd William Mohlman, B.S., M.S., 1912, 1914.                               |
| Edgar Wallace Engle, B.S., Drury College, 1912, M.S., 1914.         | John Carl Ross, A.B., University of the Cape of Good Hope, 1911, M.S., 1915. |
| Duane Taylor Englis, A.B., Eureka College, 1912, A.M., 1914.        | Clarence Scholl, B.S., M.S., 1913, 1914.                                     |

*In Economics.*

- |   |  |
|---|--|
| Fred Emerson Clark, A.B., Albion College, 1912, A.M., 1913. | Frederic Arthur Russell, A.B., A.M., Albion College, 1908, 1909. |
|---|--|

*In Education.*

- Joseph Henry Johnston, A.B., A.M., University of North Carolina, 1910, 1914.

*In Entomology.*

- |   |   |
|---|---|
| Philip Garman, B.S., Kentucky State University, 1913, M.S., 1914. | Alvah Peterson, B.S., Knox College, 1911, A.M., 1913. |
| Anna Grace Newell, A.B., Smith College, 1900, 1908.               |   |

*In Engineering.*

- Harold Malcolm Westergaard, B.S., Royal Engineering College, Copenhagen, 1911.

*In History.*

- Wayne Edson Stevens, A.B., Knox College, 1913, A.M., 1914.

*In Modern Languages.**(In German.)*

- George Washington Spindler, A.B., A.M., Indiana University, 1900, 1908.

*In Philosophy.*

- Ethel Ernestine Sabin, A.B., A.M., University of Wisconsin, 1908, 1914.

*In Physics.*

- |   |
|---|
| Jonas Bernard Nathanson, A.B., Ohio State University, 1912, A.M., 1913. |
| Oscar Alan Randolph, B.S., Missouri School of Mines, 1911, M.S., 1913.  |

*In Political Science.*

- Niels Henriksen Debel, A.B., A.M., University of Nebraska, 1913, 1914.

*In Psychology.*

- Helen Clark, A.B., Vassar College, 1913.

*In Zoology.*

- |   |
|---|
| Jesse LeRoy Conel, A.B., James Millikin University, 1912, A.M., 1913. |
| Horace Wesley Stunkard, B.S., Coe College, 1912, A.M., 1914.          |

**HONORS.**

The Secretary reported also for record that the following honors have been awarded by the University for excellence in scholarship:

**THE DEGREE OF A. B. WITH HONORS.****IN THE COLLEGE OF LIBERAL ARTS AND SCIENCES.**

Edward Corbyn Obert Beatty, in History.	Olive Dean Hormel, in English.
Ben Conrad Berg, in History.	Ruth Ellen Lancaster, in History.
Miriam Rebecca Fasold, in Economics.	Mac E. Leach, in English.
Dwight Frederick Heath, in Mathematics.	Adolph Frederick Paul, in Classics.
Elmo Paul Hohman, in History.	Agnes Wright, in History.

**IN THE COLLEGE OF COMMERCE AND BUSINESS ADMINISTRATION.**

Kenneth Dwight Ross.

**SPECIAL HONORS.****IN THE COLLEGE OF LIBERAL ARTS AND SCIENCES.***In Chemical Engineering.*

Sidney Dale Kirkpatrick.

*In Chemistry.*

Chester William Lenzing.	Horace Abbott Shonle.	Walter Joseph Tilton.
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**IN THE COLLEGE OF ENGINEERING.**

Eugene Carl Hamill.	Adolph Lincoln Nelson.	Frank Rosenberg.
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**IN THE COLLEGE OF AGRICULTURE.***In Botany.*

Louis Jacob Greengard.

**FINAL HONORS.****IN THE COLLEGE OF COMMERCE AND BUSINESS ADMINISTRATION.**

Walter Earl Baker.	John Lester Ludwig.	Elliott Strong Miller.
Paul Kenneth Knight.	Leo Gay McAfee.	Kenneth Dwight Ross.

**IN THE COLLEGE OF ENGINEERING.**

Clarence Louis Bentz.	Cornelius Walter Koebele.	Eric Frederick Pihlgard.
Thomas Henry Burrell.	Leroy William Ledger-	George W. Renwick.
Clarence Todd Grant.	wood.	Frank Rosenberg.
Eugene Carl Hamill.	Earl Emanuel Libman.	Don Buel Schuler.
Arnold Carl Holinger.	Leo Joseph Mattingly.	James Crear Stirton.
Willis Wilkinson Hubbard.	Leslie Sherman Morrill.	Albert Getten Stone.
Frank Sumner Hunt.	Adolph Lincoln Nelson.	Arthur Charles Zimmer-
Charles Harold Jackman.	William Love Parish.	mann.

**IN THE COLLEGE OF AGRICULTURE.**

Edwin Adams Bebb.	Sherman Ingels.	Benjamin Harrison Que-
Forrest Bebb.	Leo Charles Jez.	stel.
Earl Vivian Bruington.	William Stanton Ladd.	Ernest Rudolf Schulz.
Alvin Texas Fishman.	Charlton Page Lathrop.	Arthur Truman Semple.
John Ray Gilkey.	Ellena Lee.	Wilbur Mills Sutherland.
Louis Jacob Greengard.	Alexander Paul Mac-	Clair Joel Thomas.
Leonard B. Hiebel.	donald, Jr.	Oliver John Troster.

**IN THE COLLEGE OF LAW.**

Nuel Dinsmore Belnap.	Fred Hanford Kelly.
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**IN THE LIBRARY SCHOOL.**

Jessie Elizabeth Bishop.

**IN THE SCHOOL OF MUSIC.**

Mabel Louise Ruehe.

**THE FRANCIS JOHN PLYM FELLOWSHIP IN ARCHITECTURE.**

Roger Charles Kirchhoff, 1913.

**AMERICAN INSTITUTE OF ARCHITECTS MEDAL.**

Carol Aaron Klein.

**THE B'NAI B'RITH PRIZE.**

Charlotte B. Goldberg.

**THE PHI BETA KAPPA PRIZE.**

Edward Corbyn Obert Beatty.

*Honorable Mention.*

Elmo Paul Hohman.	Kenneth Dwight Ross.
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THE ST. PATRICK'S DAY PRIZE.  
Minnie Lucile Needham.

CONFERENCE MEDAL FOR EXCELLENCE IN SCHOLARSHIP AND  
ATHLETICS FOR THE YEAR 1916.  
Emil Paul Hohman.

COMMISSIONS IN THE ILLINOIS NATIONAL GUARD.

The Secretary reported also for record that the following officers of the University Cadet Brigade have received commissions in the Illinois National Guard:

Edwin Shelby, Jr.  
Francis M. Van Natter.  
Lloyd E. Lamkins.  
Ralph R. Thomas.  
Oliver J. Troster.  
Ross S. Mason.  
George Curtiss.  
Reinhard A. J. Stein-  
mayer.  
Daniel E. Miller.  
Charles W. McCumber.  
Charles N. Owen.  
William H. Kasten.  
Oliver C. K. Hutchinson.

Edgar C. Swartwout.  
Edward C. O. Beatty.  
Kenneth C. Bell.  
Alwin G. Steinmayer.  
Leslie S. Morrill.  
Dudley W. Crane.  
Clyde J. North.  
John H. Gage.  
Eric F. Pihlgard.  
Hans P. Greison.  
Maurice C. Johnson.  
Dwight F. Heath.  
Walter W. Shelden.  
Leslie R. Lumley.

Waldern H. Hough.  
Russell W. Millar.  
Chester G. Hadden.  
Warren P. Beaubien.  
Russell D. Barnes.  
Leal W. Reese.  
Harry W. MacKechnie.  
Albert G. Stone.  
John G. Eppinger.  
Carson G. Jennings.  
Siegfried N. Vibellius.  
George A. Geib.  
Kenneth B. Bush.  
Charles L. Ritts.

THE UNIVERSITY GOLD MEDAL.  
Charles Fairman.

THE HAZELTON GOLD MEDAL.  
Walter John Risley, Jr.

The board took a recess until 9.30 a. m., on Wednesday, June 14, 1916.

**Morning Session, June 14, 1916.**

When the board convened on Wednesday, June 14, 1916, after the recess taken on June 13, the same members were present as on the previous day.  
The board adjourned.

W. I. ABBOTT, *President.*

H. E. CUNNINGHAM, *Secretary.*



# CASH STATEMENT OF THE UNIVERSITY OF ILLINOIS, FOR THE TWELVE MONTHS ENDED JUNE 30, 1916.

## RECEIPTS.

Balance June 30, 1915.....		\$ 110,339 58
Interest on Endowment Fund and land contracts.....	\$ 32,450 34	
Other United States Grants.....	116,282 20	
State appropriations—		
Land, Buildings and Equipment.....	436,500 00	
Administrative Offices .....	76,145 00	
General Departments .....	111,550 00	
Instruction .....	1,243,055 00	
Research .....	97,000 00	
Physical Plant .....	218,250 00	
Contingent Expense .....	242,370 95	
Water Survey and Investigation.....	28,500 00	
Student Fees—		
Urbana .....	182,675 75	
Chicago .....	73,293 13	
Departmental Sales, etc.....	188,814 22	
Stores .....	222,745 41	
Trust Funds .....	35,334 85	
Interest on Bank Balances.....	17,844 16	
		<b>3,322,811 01</b>
		<b>\$3,433,150 59</b>

## DISBURSEMENTS.

Land, Buildings and Equipment.....	\$501,808 75	
Physical Plant .....	228,430 69	
Administration and General Expense.....	315,626 03	
Liberal Arts and Sciences.....	483,401 13	
Agricultural College and Experiment Station.....	678,121 78	
Engineering College and Experiment Station.....	317,549 77	
Graduate School .....	49,502 34	
Colleges of Medicine and Dentistry.....	190,793 92	
Other Schools and Departments.....	180,977 35	
Trust Funds .....	35,149 98	
Stores .....	318,746 90	
		<b>\$3,300,108 64</b>
Balance, June 30, 1916.....		<b>\$133,041 95</b>

# WARRANTS AND VOUCHERS FOR THE YEAR ENDING JUNE 30, 1916.

## A. Warrants drawn on the Treasurer of the University.

### I. GENERAL UNIVERSITY WARRANTS.

No.	Date.	To whom.	For what.	Amount.
1915				
1	July 6	T. P. Lyons.....	Dairy office.....	\$3 40
2	..do...	B. S. Hopkins.....	..do.....	1 00
3	..do...	Geo. L. Magers, Homer.....	Creamery.....	3 81
4	..do...	W. E. Yount, Homer.....	..do.....	3 94
5	..do...	T. M. Ghere, Homer.....	..do.....	4 48
6	..do...	H. J. Mickener, Homer.....	..do.....	2 51
7	..do...	J. A. Morgan, Homer.....	..do.....	4 43
8	..do...	M. B. Allen, Homer.....	..do.....	3 24
9	..do...	Sigel Yeazel, Homer.....	..do.....	4 02
10	..do...	G. E. Ross, Savoy.....	..do.....	3 43
11	..do...	C. E. Fisher, Savoy.....	..do.....	1 84
12	..do...	T. F. Jordan, Savoy.....	..do.....	6 23
13	..do...	B. Jordan, Savoy.....	..do.....	2 76
14	..do...	F. A. Nofitz, Pesotum.....	..do.....	5 02
15	..do...	L. F. Bialeschki, Pesotum.....	..do.....	3 45
16	..do...	Mary Diggs, Fithian.....	..do.....	2 24
17	..do...	Mrs. Elsie Barnes, Fithian.....	..do.....	3 38
18	..do...	W. L. Davis, Mahomet.....	..do.....	4 02
19	..do...	Mary Warner, Mahomet.....	..do.....	4 07
20	..do...	S. P. Cary, White Heath.....	..do.....	3 24
21	..do...	R. B. Hubbard, White Heath.....	..do.....	2 92
22	..do...	J. H. Evans, Dewey.....	..do.....	4 48
23	..do...	Wm. Leischner, Milmine.....	..do.....	4 32
24	..do...	J. McCullough.....	Dairy office.....	2 82
25	..do...	E. J. Percival.....	..do.....	1 70
26	..do...	Elie Grove.....	..do.....	4 52
27	..do...	E. Grove.....	..do.....	3 71
28	..do...	Lou Creiger.....	..do.....	3 68
29	..do...	Geo. Taylor.....	..do.....	64
30	..do...	Geo. Schiff.....	..do.....	3 13
31	..do...	O. A. McInnes.....	..do.....	2 74
32	..do...	C. C. Gordon.....	..do.....	1 20
33	..do...	J. E. Henderson.....	..do.....	2 21
34	..do...	Alf Ott, Homer.....	Creamery.....	2 81
35	..do...	J. D. Perkharn, Homer.....	..do.....	3 67
36	..do...	W. E. Satterfield, Homer.....	..do.....	4 86
37	..do...	Mr. Van Carter, Homer.....	..do.....	4 70
38	..do...	Fred Krukewitt, Homer.....	..do.....	4 54
39	..do...	John W. Hillard, Homer.....	..do.....	4 81
40	..do...	L. J. Weinke, Homer.....	..do.....	3 38
41	..do...	J. B. Skinner, Fithian.....	..do.....	3 35
42	..do...	Harry Sperry, Fithian.....	..do.....	3 51
43	..do...	Ora A. Knight, Fithian.....	..do.....	4 32
44	..do...	A. Ramert, Ogden.....	..do.....	2 65
45	..do...	W. J. Downing, Ogden.....	..do.....	4 10
46	..do...	J. Alsip, Ogden.....	..do.....	3 78
47	..do...	W. W. Meyer, Urbana, R. F. D. No. 12.....	..do.....	3 89
48	..do...	H. R. Shade, Urbana, R. F. D. No. 9.....	..do.....	3 92
49	..do...	H. Eaton, Urbana, R. F. D. No. 9.....	..do.....	3 18
50	..do...	W. J. Baker, Tonti.....	..do.....	2 45
51	..do...	C. J. Kissacks, Armstrong.....	..do.....	5 44
52	..do...	A. Shields, Dewey.....	..do.....	4 61
53	..do...	J. A. Daeger, Tolono.....	..do.....	3 51
54	..do...	F. Knox, Mahomet.....	..do.....	3 64
55	..do...	R. B. Hubbard, Monticello.....	..do.....	3 38
56	..do...	G. W. Van Meter, Savoy.....	..do.....	2 32

## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1915			
57	July 6	Chas. Wagner, Hickory Grove	Creamery	\$ 4 13
58	do.	J. A. R. Koch, Mayview	do.	2 78
59	do.	Elmer Whole, Homer	do.	3 08
60	do.	John Bruhn, Homer	do.	4 02
61	do.	C. R. Beavers, Homer	do.	5 05
62	do.	E. L. Martin	do.	4 94
63	do.	Lon Libka, Homer	do.	4 05
64	do.	Harvey Ray, Homer	do.	1 81
65	do.	F. H. Douglas, Fithian	do.	3 21
66	do.	James Freeman, Fithian	do.	3 94
67	do.	Macy Bros., Fithian	do.	7 56
68	do.	John Reub, Fithian	do.	3 70
69	do.	B. Jordan, Savoy	do.	4 54
70	do.	C. E. Ross, Savoy	do.	2 65
71	do.	T. F. Jordan, Savoy	do.	7 69
72	do.	John Ingleman, Rantoul	do.	3 91
73	do.	J. W. Rhoades, Fisher	do.	4 45
74	do.	S. L. Cox, Oakwood	do.	2 89
75	do.	R. H. McAllister, Muncie	do.	2 97
76	do.	S. P. Cary, White Heath	do.	3 65
77	do.	C. C. Gordon	Dairy office	2 01
78	do.	A. R. Gridley	do.	3 11
79	do.	O. A. McInnes	do.	4 06
80	do.	H. I. Nelson	do.	3 02
81	do.	David Wilkins	do.	3 11
82	do.	R. A. Lumsden	do.	3 71
83	do.	R. T. Lumsden	do.	1 14
84	do.	P. P. Dunn	do.	2 21
85	do.	Geo. Schiff	do.	3 45
86	do.	Elh Grove	do.	4 48
87	do.	W. S. Hopkins	do.	89
88	do.	E. J. Percival	do.	3 56
89	do.	E. F. Lyons	do.	1 72
90	do.	John McCullough	do.	4 48
91	do.	Ed. Smith	do.	4 32
92	do.	Chas. Wilson, Homer	Creamery	3 13
93	do.	Dale Price, Homer	do.	3 89
94	do.	W. E. Yount, Homer	do.	4 10
95	do.	Alf Ott, Homer	do.	2 94
96	do.	Wm. Johnson, Homer	do.	5 13
97	do.	G. Freeman, Ogden	do.	3 05
98	do.	W. J. Wilson, Ogden	do.	2 94
99	do.	P. G. Marsh, Ogden	do.	4 91
100	do.	J. Van Buskirk, Fithian	do.	4 91
101	do.	J. B. Skinner, Fithian	do.	2 05
102	do.	Clint Harry, Fithian	do.	3 48
103	do.	Mrs. L. A. Peters, Fithian	do.	3 78
104	do.	H. Eaton, Urbana, R. F. D. No. 9	do.	4 40
105	do.	John Jarrott, Urbana, R. F. D. No. 8	do.	2 12
106	do.	Ralph Smith, Urbana, R. F. D. No. 8	do.	4 48
107	do.	J. B. Somers, Urbana, R. F. D. No. 9	do.	1 89
108	do.	W. E. Welch, Urbana, R. F. D. No. 12	do.	2 35
109	do.	J. H. Evans, Dewey	do.	3 75
110	do.	Henry Reinhart, Dewey	do.	3 85
111	do.	W. J. Baker, Tonti	do.	4 02
112	do.	C. E. Hopkins, Tonti	do.	3 51
113	do.	R. B. Hubbard, Monticello	do.	4 72
114	do.	F. B. Seiner, Muncie	do.	3 40
115	do.	J. A. R. Koch, Mayview	do.	3 40
116	do.	W. P. Walsh, Ludlow	do.	2 92
117	do.	Mary Warner, Fisher	do.	4 07
118	do.	L. F. Bialeschki, Pesotum	do.	4 84
119	do.	S. J. Carter, Seymour	do.	3 35
120	do.	Wm. H. Ordell, Philo	do.	3 70
121	do.	J. D. White	do.	4 56
122	July 12	W. B. Castenholz	Postage	1,000 00
123	do.	Ethel J. Kratz	Traveling expense	9 69
124	do.	A. H. Burger	Wages, June, 1915	18 00
125	do.	A. Bagusin	do.	16 40
126	do.	A. H. Lenz	do.	35 00
127	do.	A. P. Brown	do.	41 10
128	do.	C. G. Howard	do.	36 20
129	do.	Gordon Klein	do.	17 00
130	do.	R. H. Brooks	do.	17 00
131	do.	A. H. Burger	do.	3 80
132	do.	Milton Nelson	do.	3 00
133	do.	J. K. Primm	do.	12 60
134	do.		do.	28 25

## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
<b>1915</b>				
135	July 12	C. A. Drake	Wages, July, 1915	\$ 6 20
136	..do.	Mabel Smith	..do.	2 60
137	..do.	O. W. Allen	..do.	6 30
138	..do.	R. D. Castle	..do.	22 75
139	..do.	A. H. Mason	..do.	10 40
140	..do.	Mary Craigmile	..do.	2 30
141	..do.	B. F. Haines	..do.	2 00
142	..do.	Paulien Osborne	..do.	2 20
143	..do.	Mary Henry	..do.	80
144	..do.	Mary Bruner	..do.	6 80
145	..do.	T. W. Dieckmann	..do.	40 00
146	..do.	H. C. Larson	..do.	80 00
147	..do.	I. J. Reinhart	..do.	20 00
148	..do.	W. F. Campbell	..do.	5 40
149	..do.	Wilma L. Shelton	..do.	65 00
150	..do.	Lloyd Morey	Traveling expense	14 34
151	..do.	Harris-Dillavou & Co.	Gravel and sand	55 80
152	..do.	Geo. Strode	Brass grownets	1 00
153	..do.	West Disinfecting Co.	Westowis	25 00
154	..do.	Twin City Roofing Co.	Repairing roof Commerce Bldg.	3 25
155	..do.	Geo. B. Carpenter & Co.	Cotton waste	21 25
156	..do.	Stipes & Hecker	Cement	3 80
157	..do.	Hunter, Rourke & Co.	Lumber	11 59
158	..do.	Hunter, Rourke & Co.	..do.	48 65
159	..do.	Marmon-Buick Sales Co.	Use of Marmon "48" for Mr. Tice and party	20 00
160	..do.	Coldwell Lawn Mower Co.	Point screws	3 76
161	..do.	American Radiator Co.	Radiator col.	4 52
162	..do.	Illinois State Reformatory	Printing	14 70
163	..do.	The Tablet & Ticket Co.	Block letters	1 10
164	..do.	Weil Brothers	Cylinder cocks	1 14
165	..do.	City of Urbana	Permit to open Harvey and Goodwin Streets	2 00
166	..do.	Stipes & Hecker	Lime and cement	6 10
167	..do.	R. C. Wagner & Son	Moving coal bunker	6 00
168	..do.	Chicago Savings Bank & Trust Co.	Fee as paying fiscal agent	19 01
169	..do.	Florence E. Watson	Traveling expense	33 84
170	..do.	The Burr Co.	General supplies	188 41
171	..do.	C. A. Kiler	Shades and brackets	5 15
172	..do.	Bacon Brothers	Paints	30 01
173	..do.	Taylor Hardware Co.	Building equipment	80 68
174	..do.	Alexander Lumber Co.	Lumber	90 55
175	..do.	Percival & Moorehead	General supplies	11 50
176	..do.	Walker & Mulliken	Shades	2 75
177	..do.	W. S. Hopkins	Dairy office	1 11
178	..do.	Geo. Taylor	..do.	95
179	..do.	J. E. Henderson	..do.	1 98
180	..do.	J. D. Perham, Homer	Creamery	3 81
181	..do.	Fritz Schweineke, Homer	..do.	4 29
182	..do.	F. W. Howell, Homer	..do.	3 29
183	..do.	H. J. Michener, Homer	..do.	2 32
184	..do.	Van Carter, Homer	..do.	4 64
185	..do.	John W. Hillard, Homer	..do.	4 64
186	..do.	E. L. Martin, Homer	..do.	3 02
187	..do.	J. F. Morgan, Homer	..do.	4 21
188	..do.	T. M. Ghere, Homer	..do.	4 59
189	..do.	G. W. Van Meter, Savoy	..do.	4 00
190	..do.	C. E. Ross, Savoy	..do.	2 94
191	..do.	C. E. Fisher, Savoy	..do.	3 81
192	..do.	B. Jordon, Savoy	..do.	2 94
193	..do.	T. F. Jordon, Savoy	..do.	7 37
194	..do.	Wm. Van Buskirk, Fithian	..do.	4 21
195	..do.	F. H. Douglas, Fithian	..do.	3 48
196	..do.	J. B. Somers, Urbana, R. F. D. No. 9	..do.	6 97
197	..do.	Wm. Leischner, Milmine	..do.	4 48
198	..do.	Mattie Trimell, Oakwood	..do.	5 83
199	..do.	S. P. Cary, White Heath	..do.	3 35
200	..do.	Geo. L. Magers, Homer	..do.	1 60
201	July 13	General Electric Co.	Electric supplies	58 50
202	..do.	W. L. Abbott	Traveling expense	50 90
203	..do.	L. E. Knorr, Assistant Comptroller	Traveling expense	4 95
204	..do.	Jacob E. Dittus	Legal services	150 00
205	..do.	Stipes & Hecker	Building material	617 39
206	..do.	W. Lewis & Co.	Cork carpet	129 75
207	..do.	Geo. B. Carpenter & Co.	Curtains	1,218 31
208	..do.	L. T. Brownfield	Dump rake	25 00
209	..do.	Richmond Bros., Waterman	Creamery	2 65
210	..do.	P. J. Paterson, Round Lake	..do.	5 62

## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1915			
211	July 13	Green River Creamery Co, Ohio	Creamery	\$ 7 72
212	do.	Ferdinand Grimm, Savanna	do.	5 31
213	do.	H. E. Siegman, Bogota	do.	16 37
214	do.	M. E. Simonson, Astoria	do.	7 64
215	do.	O. W. Albright, Scales Mound	do.	5 64
216	do.	Robt. Graham	Dairy office	8 09
217	do.	J. McCullough	do.	2 26
218	do.	Geo. Schiff	do.	2 32
219	do.	E. J. Percival	do.	3 32
220	do.	T. P. Lyons	do.	4 02
221	do.	O. A. McInnes	do.	2 95
222	do.	C. C. Gordon	do.	1 06
223	do.	John A. Bruhn, Homer	Creamery	4 40
224	do.	L. J. Wienke, Homer	do.	2 97
225	do.	Fred Krukewitt, Homer	do.	3 13
226	do.	M. B. Allen, Homer	do.	2 67
227	do.	W. E. Satterfield, Homer	do.	4 40
228	do.	F. Stadden, Homer	do.	3 89
229	do.	Harvey Ray, Homer	do.	1 89
230	do.	Z. Alsip, Ogden	do.	2 73
231	do.	Wm. Case, Ogden	do.	4 56
232	do.	W. J. Wilson, Ogden	do.	2 40
233	do.	Chas. Wagner, Ogden	do.	3 89
234	do.	May Diggs, Fithian	do.	2 86
235	do.	John Rueb, Fithian	do.	4 54
236	do.	J. B. Skinner, Fithian	do.	3 00
237	do.	J. W. Rhoades, Fisher	do.	4 61
238	do.	C. M. Snook, Fisher	do.	2 43
239	do.	W. J. Baker, Tonti	do.	3 56
240	do.	F. J. Messman, Sadorus	do.	3 86
241	do.	John Ingleman, Rantoul	do.	4 18
242	do.	J. A. R. Koch, Mayview	do.	2 70
243	do.	S. Herriott, Seymour	do.	3 02
244	do.	R. B. Hubbard, Monticello	do.	3 38
245	do.	John Ridgeley, White Heath	do.	2 00
246	do.	H. R. Shade, Urbana, R. F. D. No. 9	do.	8 76
247	do.	W. W. Taylor, Urbana, R. F. D. No. 12	do.	3 51
248	do.	H. Eaton, Urbana, R. F. D. No. 9	do.	3 25
249	do.	M. Hudson, Urbana, R. F. D. No. 12	do.	2 38
250	do.	Ell Grove, Urbana, R. F. D. No. 10	do.	2 94
251	do.	E. Grove, Urbana, R. F. D. No. 10	do.	3 59
252	do.	Lou Creiger, Urbana, R. F. D. No. 10	do.	2 57
253	do.	W. S. Hopkins	Dairy office	1 84
254	do.	A. R. Grindley	do.	2 36
255	do.	H. I. Nelson	do.	2 55
256	do.	S. M. Yessel, Homer	Creamery	3 82
257	do.	Wm. Johnson, Homer	do.	4 75
258	do.	Elmer Whole, Homer	do.	3 70
259	do.	W. E. Yount, Homer	do.	4 48
260	do.	Van Carter, Homer	do.	4 75
261	do.	Lou Libka, Homer	do.	3 38
262	do.	C. E. Fisher, Savoy	do.	3 51
263	do.	T. F. Jordan, Savoy	do.	8 03
264	do.	B. Jordan, Savoy	do.	3 89
265	do.	C. E. Ross, Savoy	do.	3 78
266	do.	Mary Warner, Mahomet	do.	3 91
267	do.	W. L. Davis, Mahomet	do.	4 21
268	do.	L. F. Bialeschski, Pesotum	do.	3 56
269	do.	F. A. Nofftz, Pesotum	do.	4 37
270	do.	Henry Reinhart, Dewey	do.	3 75
271	do.	J. H. Evans, Dewey	do.	3 80
272	do.	R. H. McAlister, Muncie	do.	3 21
273	do.	Maey Bros., Fithian	do.	8 56
274	do.	R. B. Hubbard, Monticello	do.	7 99
275	do.	S. P. Cary, White Heath	do.	3 27
276	do.	H. R. Shade, Urbana, R. F. D.	do.	3 26
277	July 14	L. E. Knorr, Assistant Comptroller	General labor	464 57
278	do.	L. E. Knorr, Assistant Comptroller	Student labor	6 38
279	do.	L. E. Knorr, Assistant Comptroller	do.	104 05
280	do.	L. E. Knorr, Assistant Comptroller	Rebates to students	104 00
281	do.	L. E. Knorr, Assistant Comptroller	Bills paid on account postage stores	150 00
282	do.	L. E. Knorr, Assistant Comptroller	Sundry bills paid	22 65
283	do.	L. E. Knorr, Assistant Comptroller	Student labor	8 38
284	do.	L. E. Knorr, Assistant Comptroller	General labor bills	183 50
285	do.	L. E. Knorr, Assistant Comptroller	do.	319 14
286	do.	L. E. Knorr, Assistant Comptroller	Student labor	26 10
287	do.	The Big Four Ry. Co., Urbana	Freight	8 50

## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
288	1915			
288	July 14	Illinois Traction System.	Freight.	\$ 3 39
289	do.	The Big Four Ry. Co., Champaign	do.	29 17
290	do.	The Wabash Ry. Co., Champaign	do.	14 07
291	do.	The Wabash Ry. Co., Urbana.	do.	2 35
292	do.	The Wabash Ry. Co.	do.	88 43
293	do.	Illinois Central Ry. Co.	do.	6 51
294	do.	Illinois Central Ry. Co.	do.	35 54
295	do.	The Big Four Ry. Co., Urbana	do.	44 33
296	July 15	The University of Illinois Supply Store.	Carbon paper.	2 70
297	do.	J. W. Butler Paper Co.	Office supplies	37 24
298	do.	Louis Melind Co.	General supplies	10 33
299	do.	A. C. McClurg & Co.	Office supplies	17 31
300	do.	Eberhard Faber.	Pencils.	7 97
301	do.	United States Blue Print Paper Co.	Office supplies	73 72
302	do.	Sanford Mfg. Co.	Ink.	9 33
303	do.	Underwood Typewriter Co.	Stencil paper.	24 60
304	do.	The Weis Mfg. Co.	Office supplies	31 81
305	do.	Miller-Bryant-Pierce Co.	Carbon paper.	2 94
306	do.	M. A. Donohue & Co.	Class records.	13 69
307	do.	Library Bureau.	Office equipment.	6 50
308	do.	Hollis & Duncan.	Office supplies	13 52
309	do.	Irving Pitt Mfg. Co.	do.	1 96
310	do.	Illinois Central Ry. Co.	Freight.	22 28
311	July 16	John McCullough.	Dairy office.	4 75
312	do.	Lou Creiger.	do.	5 10
313	do.	Eli Grove.	do.	4 32
314	do.	E. Grove.	do.	2 32
315	do.	C. A. McInness.	do.	4 14
316	do.	C. C. Gordon.	do.	1 08
317	do.	R. S. McInness.	do.	1 42
318	do.	R. A. Lumsden.	do.	3 61
319	do.	R. T. Lumsden.	do.	1 02
320	do.	Geo. Schiff.	do.	2 73
321	do.	E. J. Percival.	do.	2 91
322	do.	D. Wilkins.	do.	2 84
323	do.	W. J. Baker, Tontl.	Creamery.	3 37
324	do.	C. E. Hopkins, Tontl.	do.	4 61
325	do.	Wm. H. Ordell, Philo.	do.	4 10
326	do.	F. Shields, Dewey.	do.	4 69
327	do.	John Englehardt, Dewey.	do.	3 89
328	do.	John Englehardt, Dewey.	do.	1 27
329	do.	H. Eaton, Urbana, R. F. D. No. 9.	do.	1 91
330	do.	James Jarrett, Urbana, R. F. D. No. 8.	do.	4 56
331	do.	J. A. Daeger, Tolono.	do.	2 78
332	do.	G. W. VanMeter, Tolono.	do.	2 59
333	do.	F. D. Perkins, Homer.	do.	2 97
334	do.	F. Stodden, Homer.	do.	4 40
335	do.	Chas. Wilson, Homer.	do.	2 97
336	do.	Alf Ott, Homer.	do.	2 92
337	do.	W. J. Downing, Ogden.	do.	3 16
338	do.	Thos. Manning, Ogden, R. F. D. No. 18.	do.	2 21
339	do.	I. C. Wibble, Ogden, R. F. D. No. 17.	do.	2 86
340	do.	J. D. Pullian, Fithian.	do.	3 89
341	do.	J. B. Skinner, Fithian.	do.	3 54
342	do.	F. H. Douglas, Fithian.	do.	3 29
343	do.	J. A. R. Koch, Mayview.	do.	2 65
344	do.	Mattie Trimmell, Oakwood.	do.	5 54
345	do.	C. C. Rayburn, Bondville.	do.	3 35
346	do.	J. W. Rayburn, Bondville.	do.	5 85
347	do.	C. E. Ross, Savoy, R. F. D. No. 66.	do.	3 16
348	do.	F. F. Gordon, Savoy, R. F. D. No. 66.	do.	3 32
349	do.	B. Jordan, Savoy, R. F. D. No. 66.	do.	3 13
350	do.	T. F. Jordan, Savoy, R. F. D. No. 66.	do.	99
351	do.	J. E. Henderson, Savoy, R. F. D. No. 66.	do.	2 95
352	do.	W. S. Hopkins.	Dairy office.	1 54
353	do.	Harvey Ray, Homer.	Creamery.	1 54
354	do.	Dale Price, Homer.	do.	3 08
355	do.	Fred Krukerwitt, Homer.	do.	2 51
356	do.	C. R. Beavers, Homer.	do.	3 54
357	do.	W. E. Yount, Homer.	do.	3 35
358	do.	Ed. Smith, Homer.	do.	4 75
359	do.	John Hillard, Homer.	do.	4 51
360	do.	Van Carter, Homer.	do.	9 28
361	do.	T. M. Ghore, Homer.	do.	4 54
362	do.	E. L. Martin, Homer.	do.	3 21
363	do.	James Freeman, Fithian.	do.	3 19
364	do.	Mrs. L. A. Peters, Fithian.	do.	4 05
365	do.	Mrs. Harry Sperry, Fithian.	do.	2 59

## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1915			
366	July 16	John Reub, Fithian	Creamery	\$ 3 78
367	do.	J. H. Rutan, Fithian	do.	2 32
368	do.	J. Van Buskirk, Fithian	do.	1 70
369	do.	J. H. Evans, Dewey	do.	4 29
370	do.	S. P. Cary, White Heath	do.	3 02
371	do.	T. A. Noftz, Pesotum	do.	3 96
372	do.	P. J. Wagner, Ogden	do.	4 75
373	do.	C. M. Snook, Fisher	do.	2 24
374	do.	J. W. Rhodes, Fisher	do.	4 26
375	do.	F. Knox, Mahomet	do.	3 64
376	July 20	F. K. Robeson	Gold dust	21 25
377	do.	Anseo Co.	Office supplies	9 42
378	do.	A. G. Eldredge	Salary, July, 1915	250 00
379	do.	J. L. Pettitt, Estate	do.	125 00
380	do.	B. A. Strauch	Office supplies	1 25
381	do.	Chas. G. Willoughby	General supplies	127 60
382	do.	Eugene Dietzgen	Cable wire	1 46
383	do.	J. D. White	Stamped envelopes	21 24
384	do.	Schiller The Florist	Flowers	25 00
385	do.	Samuel L. Gunther	Rebates of C. P. A. fee	20 00
386	do.	General Chemical Co.	Epsom salts	37 87
387	do.	Bacon Brothers	Building supplies	5 26
388	do.	Illinois Tree Expert Co.	Trimming trees on campus	280 00
389	do.	Weil Brothers	Sheet lead	31 69
390	do.	Pittsburgh Plate Glass Co.	Glass	6 46
391	do.	Sturtevant Mill Co.	Spout and gauges	20 00
392	do.	Harvey A. Sellers	Floor dressing	11 40
393	do.	The Western Roofing & Supply Co.	Magnesia covering	3 12
394	do.	Chas. A. Hall Hardware Co.	Tile spades	3 00
395	do.	National Metal Molding Co.	Conduit	71 08
396	do.	American Can Co.	Water pails	3 96
397	do.	American La France Fire Eng. Co.	Brackets	4 50
398	do.	Pratt & Lambert, Inc.	Brit vitrahte	38 50
399	do.	Gerts Lumbard & Co.	General	7 65
400	do.	The Burr Co.	Manhole ring and cover	4 50
401	do.	Leavitt Mfg. Co.	Floor drain	3 00
402	do.	Sheldon Brick & Building Supply Co.	Brick	6 40
403	do.	Poehlmann Bros.	Nursery stock	90 00
404	do.	G. Cramer Dry Plate Co.	General supplies	9 22
405	do.	Hoosier Mfg. Co.	Soap	24 75
406	do.	Vaughan's Seed Store	Seeds	56 45
407	do.	G. E. Stecher & Co.	Books	1 88
408	do.	Twin City Roofing Co.	Repair work	208 05
409	do.	Indianapolis Paint & Color Co.	Whiting	7 13
410	do.	Jno. B. Bennett	Repair work on boiler	98 98
411	do.	Taylor Hardware Co.	Office supplies	24 10
412	do.	Crane Co.	Valves, ells, tees	102 06
413	do.	W. Lewis & Co.	General supplies	33 05
414	do.	Stipes & Hecker	Lime	4 60
415	do.	John W. Spalding	Horse shoes	8 00
416	do.	D. H. Lloyd	General supplies	60 78
417	do.	Geo. Murphy, Inc.	Blue print supplies	18 86
418	do.	Ernst Hertzberg & Sons	Books	19 90
419	do.	W. B. Castenholz, Comptroller	Traveling expenses	4 40
420	do.	P. P. Dunn	Dairy office	1 65
421	do.	Geo. Schiff	do.	2 24
422	do.	F. S. McInness	do.	50
423	do.	O. A. McInness	do.	2 76
424	do.	C. C. Gordon	do.	1 31
425	do.	E. J. Percival	do.	2 01
426	do.	T. Lyons	do.	2 43
427	do.	John McCullough	do.	2 74
428	do.	John F. Bruhn, Homer	Creamery	4 34
429	do.	Alf Ott, Homer	do.	3 05
430	do.	W. E. Satterfield, Homer	do.	3 89
431	do.	Geo. Hurst, Homer	do.	3 78
432	do.	Chas. Wilson, Homer	do.	2 59
433	do.	F. Stodden, Homer	do.	3 59
434	do.	H. R. Shade, Urbana, R. F. D. No. 9	do.	4 99
435	do.	H. R. Shade, Urbana, R. F. D. No. 9	do.	1 13
436	do.	W. W. Meyer, Urbana, R. F. D. No. 12	do.	3 32
437	do.	W. J. Wilson, Ogden	do.	2 21
438	do.	Z. Alsip, Ogden	do.	2 81
439	do.	J. B. Marsh, Ogden	do.	3 27
440	do.	S. T. Carter, Mahomet	do.	3 85
441	do.	Mary Warner, Mahomet	do.	4 07
442	do.	Elie Grove, Savoy	do.	3 89
443	do.	Low Greiger, Savoy	do.	2 81

## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1915			
444	July 20	G. W. Van Meter, Savoy.	Creamery	\$ 2 67
445	do.	W. J. Baker, Tonti.	do.	3 21
446	do.	Wm. P. Walsh, Tonti.	do.	4 07
447	do.	C. J. Kissacke, Armstrong.	do.	5 39
448	do.	Henry Rheinhardt, Dewey.	do.	4 23
449	do.	J. A. R. Koch, Mayview.	do.	2 65
450	do.	J. B. Skinner, Fithian.	do.	3 35
451	do.	May Diggs, Fithian.	do.	1 81
452	do.	Thos. H. Baker, Bondville.	do.	3 13
453	do.	Louis McKelvey.	Traveling expenses	90
454	July 21	Florence Watson.	do.	35 53
455	do.	L. E. Knorr, Assistant Comptroller.	General labor bills.	254 38
456	do.	Urbana Post Office.	Deposit for press bulletin	2 00
457	do.	E. A. Zipprodt.	Service for July, 1915.	45 00
458	do.	L. E. Knorr, Assistant Comptroller.	General labor bills.	239 91
459	do.	L. E. Knorr, Assistant Comptroller.	Student labor.	32 00
460	do.	L. E. Knorr, Assistant Comptroller.	Sundry bills.	8 00
461	do.	L. E. Knorr, Assistant Comptroller.	Rebates to students.	92 50
462	do.	John H. Fowler Co.	Cedar poles.	141 00
463	do.	Commonwealth Edison Co.	Lighting.	198 46
464	do.	L. E. Knorr, Assistant Comptroller.	Express bills.	4 08
465	do.	Ernst Hertzberg & Sons.	Books.	163 51
466	do.	A. R. Grindley.	Dairy office.	3 53
467	do.	H. I. Nelson.	do.	3 68
468	do.	W. S. Hopkins.	do.	1 11
469	do.	Fred Howell, Homer.	Creamery.	3 59
470	do.	Elmer Whole, Homer.	do.	4 00
471	do.	Harvey Ray, Homer.	do.	1 24
472	do.	Van Carter, Homer.	do.	4 64
473	do.	Lon Libka, Homer.	do.	3 05
474	do.	C. E. Ross, Savoy, R. F. D. No. 66.	do.	2 59
475	do.	B. Jordon, Savoy, R. F. D. No. 66.	do.	3 51
476	do.	C. E. Fisher, Savoy, R. F. D. No. 66.	do.	5 16
477	do.	T. F. Jordon, Savoy, R. F. D. No. 66.	do.	8 41
478	do.	Macy Bros., Fithian.	do.	6 80
479	do.	John Rueb, Fithian.	do.	3 59
480	do.	Ora A. Knight, Fithian.	do.	4 40
481	do.	John Ridgley, White Heath.	do.	3 19
482	do.	S. P. Cary, White Heath.	do.	3 78
483	do.	Wm. Case, Ogden.	do.	3 11
484	do.	Charles Wagner, Ogden.	do.	5 29
485	do.	Gus Freeman, Ogden.	do.	3 51
486	do.	F. B. Seinner, Muncie.	do.	3 43
487	do.	R. H. McAllister, Muncie.	do.	4 21
488	do.	F. J. Messman, Sadorus.	do.	4 07
489	do.	R. B. Hubbard, Monticello.	do.	3 00
490	July 22	D. Wilkins.	Dairy office.	2 78
491	do.	R. T. Lumsden.	do.	3 54
492	do.	R. A. Lumsden.	do.	4 56
493	do.	Lou Greiger.	do.	4 00
494	do.	E. Groves.	do.	3 00
495	do.	Eli Groves.	do.	4 02
496	do.	Geo. Schiff.	do.	2 89
497	do.	E. J. Percival.	do.	2 04
498	do.	O. A. McInnes.	do.	4 44
499	do.	R. S. McInnes.	do.	1 76
500	do.	C. C. Gordon.	do.	1 17
501	do.	John McCullough.	do.	4 83
502	do.	W. E. Yount.	do.	4 19
503	do.	Mrs. G. C. Davis, Homer.	Creamery.	2 75
504	do.	F. Stodden, Homer.	do.	2 94
505	do.	J. W. Hillard, Homer.	do.	5 18
506	do.	C. B. Giddings, Homer.	do.	4 05
507	do.	E. R. Canady, Homer.	do.	3 00
508	do.	Fred Krukewitt, Homer.	do.	3 11
509	do.	Alf Ott, Homer.	do.	3 00
510	do.	E. L. Martin, Homer.	do.	3 02
511	do.	S. M. Yeazel, Homer.	do.	4 23
512	do.	John A. Bruhn, Homer.	do.	4 62
513	do.	C. C. Rayburn, Bondville.	do.	3 59
514	do.	John Pfeister, Bondville.	do.	3 02
515	do.	J. W. Rhoades, Fisher.	do.	4 37
516	do.	C. M. Snook, Fisher.	do.	2 86
517	do.	F. A. Nofftz, Pesotum.	do.	3 96
518	do.	L. F. Bialeschki, Pesotum.	do.	3 61
519	do.	P. J. Wagner, Ogden.	do.	5 29
520	do.	W. J. Wilson, Ogden.	do.	1 97
521	do.	W. J. Baker, Tonti.	do.	2 80



## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1915			
522	July 22	C. E. Hopkins, Tonti.....	Creamery.....	\$ 4 88
523	do.	F. H. Douglas, Fithian.....	do.....	3 00
524	do.	J. B. Skinner, Fithian.....	do.....	3 56
525	do.	Wm. Warren, Potomac.....	do.....	3 15
526	do.	J. F. Rankin, Sidney.....	do.....	3 11
527	do.	G. W. Van Meter, Savoy, R. F. D. No. 66.	do.....	2 38
528	do.	John Engleman, Rantoul.....	do.....	4 40
529	do.	Mattie Trimmell, Oakwood.....	do.....	5 37
530	do.	J. A. R. Koch, Mayview.....	do.....	2 86
531	do.	Bert Vogt, Champaign, R. F. D. No. 5.....	do.....	4 70
532	do.	John Jarrett, Urbana, R. F. D. No. 8.....	do.....	4 62
533	do.	W. L. Davis, Mahomet.....	do.....	4 05
534	July 23	D. H. Lloyd.....	Platinum.....	4 23
535	do.	Geo. Murphy, Inc.....	Office supplies.....	5 50
536	do.	C. H. Havens.....	Wages, July, 1915.....	125 00
537	do.	Morris Murphy.....	do.....	110 00
538	do.	T. J. Showers.....	do.....	125 00
539	do.	The Beardsley Hotel Co.....	Services rendered.....	18 00
540	do.	Ralph Powers Brown.....	Wages, June, 1915.....	11 70
541	do.	The Frederick Post Co.....	General supplies.....	8 80
542	do.	G. Cramer Dry Plate Co.....	do.....	40 29
543	do.	Anseo Co.....	do.....	20 17
544	do.	Defender Photo Supply Co.....	do.....	7 09
545	do.	E. H. Sargent & Co.....	Potassium oxalate.....	2 00
546	do.	Geo. Murphy, Inc.....	Acme shutter.....	11 29
547	do.	J. E. Henderson.....	Dairy office.....	2 25
548	do.	W. S. Hopkins.....	do.....	1 03
549	do.	C. E. Ross, Savoy, R. F. D. No. 66.....	Creamery.....	2 75
550	do.	T. F. Jordan, Savoy, R. F. D. No. 66.....	do.....	5 30
551	do.	B. Jordan, Savoy, R. F. D. No. 66.....	do.....	2 30
552	do.	C. Fisher, Savoy, R. F. D. No. 66.....	do.....	2 48
553	do.	Elmer Whole, Homer.....	do.....	3 97
554	do.	T. M. Ghere, Homer.....	do.....	4 10
555	do.	Geo. Hurst, Homer.....	do.....	3 70
556	do.	Fritz Scheinke, Homer.....	do.....	4 02
557	do.	A. Shields, Dewey.....	do.....	4 26
558	do.	J. H. Evans, Dewey.....	do.....	3 96
559	do.	S. P. Cary, White Heath.....	do.....	2 30
560	do.	C. G. Plotner, Fithian.....	do.....	3 89
561	do.	Frank Meuser, Ludlow.....	do.....	3 21
562	do.	Mary Warner, Mahomet.....	do.....	4 34
563	do.	James Richard, Fithian.....	do.....	4 19
564	July 26	Louis Melind Co.....	General supplies.....	4 37
565	do.	J. W. Butler Paper Co.....	do.....	164 22
566	do.	A. C. McClurg & Co.....	Office supplies.....	10 13
567	do.	Hollis & Duncan.....	do.....	6 55
568	do.	J. D. White.....	Postage.....	400 00
569	do.	Remington Typewriter Co.....	Carbon paper.....	25 86
570	do.	Miller-Bryant-Pierce Co.....	Typewriter ribbons.....	47 04
571	do.	Keuffel & Esser Co.....	Office supplies.....	8 08
572	do.	Irving Pitt Mfg. Co.....	Leather tabs.....	11 02
573	do.	A. J. Nickerson.....	Wages, July, 1915.....	60 00
574	do.	J. W. Butler Paper Co.....	Office supplies.....	36 35
575	July 27	L. E. Knorr, Assistant Comptroller.....	Pay roll of temporary employees paid in cash July 17-23, 1915.....	706 64
576	do.	Stearnes Steel Range Co.....	Repairing steam cooker.....	19 50
577	do.	Royal A. Stipes.....	Sand and gravel.....	342 00
578	do.	R. S. McInnes.....	Dairy office.....	1 31
579	do.	John McCullough.....	do.....	3 75
580	do.	Geo. Schiff.....	do.....	2 38
581	do.	P. P. Dunn.....	do.....	1 22
582	do.	O. A. McInnes.....	do.....	4 06
583	do.	Eli Groves.....	do.....	3 43
584	do.	E. Groves.....	do.....	1 89
585	do.	Tom Criegler.....	do.....	3 13
586	do.	E. J. Percival.....	do.....	1 76
587	do.	H. R. Shade.....	do.....	5 02
588	do.	J. D. Perckham, Homer.....	Creamery.....	3 56
589	do.	Chas. Wilson, Homer.....	do.....	2 19
590	do.	Alf Ott, Homer.....	do.....	2 75
591	do.	Van Carter, Homer.....	do.....	4 46
592	do.	L. J. Weinke, Homer.....	do.....	5 48
593	do.	J. A. Morgan, Homer.....	do.....	3 81
594	do.	G. I. Davis, Homer.....	do.....	2 94
595	do.	Dale Price, Homer.....	do.....	4 10
596	do.	Harvey Ray, Homer.....	do.....	1 81
597	do.	J. A. R. Koch, Mayview.....	do.....	2 59
598	do.	Geo. Van Meter, Savoy.....	do.....	1 93

## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
<b>1915</b>				
599	July 27	H. Eaton, Urbana, R. F. D. No. 9	Creamery	\$ 4 32
600	do.	Z. Alsip, Ogden	do	3 78
601	do.	W. J. Wilson, Savoy	do	1 67
602	do.	W. J. Baker, Tonti	do	2 80
603	do.	C. E. Hopkins, Tonti	do	3 42
604	do.	John Rueb, Fithian	do	3 40
605	do.	Wm. VanBuskirk, Fithian	do	3 24
606	do.	J. B. Skinner, Fithian	do	2 75
607	do.	Mary Diggs, Fithian	do	2 43
608	do.	Henry Reinhart, Dewey	do	4 26
609	do.	R. B. Hubbard, Monticello	do	3 65
610	do.	Robert Graham	Dairy office	7 41
611	do.	Beecher City Creamery, Beecher City	Creamery	7 67
612	do.	Fredinand Grimm, Savanna	do	2 35
613	do.	O. W. Albright, Scales Mound	do	4 77
614	do.	Sanitary Creamery, Amboy	do	15 16
615	do.	S. W. Hopkins	Dairy office	1 11
616	do.	Ed. Smith, Homer	Creamery	3 88
617	do.	W. E. Satterfield, Homer	do	3 86
618	do.	C. R. Beavers, Homer	do	4 43
619	do.	E. L. Martin, Homer	do	3 13
620	do.	Elmer Whole, Homer	do	3 89
621	do.	Lon Libka, Homer	do	3 24
622	do.	W. E. Yount, Homer	do	3 89
623	do.	T. F. Jordon, Savoy, R. F. D. No. 66	do	7 80
624	do.	C. E. Ross, Savoy, R. F. D. No. 66	do	2 81
625	do.	B. Jordon, Savoy, R. F. D. No. 66	do	3 59
626	do.	C. M. Snooks, Fisher	do	2 88
627	do.	J. W. Rhoades, Fisher	do	4 07
628	do.	F. H. Douglas, Fithian	do	3 19
629	do.	Macy Bros., Fithian	do	4 48
630	do.	Mary Warner, Mahomet	do	3 88
631	do.	Chas. Warner, Ogden	do	4 21
632	do.	S. T. Carter, Seymour	do	3 48
633	do.	F. B. Seiner, Muncie	do	3 11
634	do.	David Moore, Philo	do	4 34
635	do.	Wm. P. Walsh, Ludlow	do	3 80
636	do.	S. P. Cary, White Heath	do	3 13
637	July 28	The Burr Co.	Building material	16 50
638	do.	Casavant Brothers	Tuning organ	40 14
639	do.	White Line Laundry	Laundry	18 72
640	do.	Evans & Howard Fire Brick Co.	Vulcan squares and clay	255 03
641	do.	W. W. Walls & Co.	Lumber	148 30
642	do.	The Chicago White Lead & Oil Co.	Lead in oil	6 86
643	do.	Ames Sword Co.	Padlocks and keys	2 42
644	do.	American Linseed Co.	Linseed oil	25 98
645	do.	National Metal Molding Co.	Conduit	307 94
646	do.	Edward R. Ladew Co.	Flint reg. dbl.	23 72
647	do.	S. E. Huff & Co.	Cypress	10 50
648	do.	National Carbon Co.	Red label Columbia cells	30 00
649	do.	Jones & Laughlin Steel Co.	Steel	3 34
650	do.	Reeves Pulley Co.	Pulley	3 55
651	do.	Central Supply Co.	Building material	15 16
652	do.	The Caldwell Co.	Lamps	87 67
653	do.	Buffalo Meter Co.	Meters	29 50
654	do.	Schermerhorn Bros Co.	Mops	17 64
655	do.	Indianapolis Paint & Color Co.	Paints	87 41
656	do.	The Glove Mfg. Co.	do	9 80
657	do.	Oldham Bros.	do	30 00
658	do.	Weil Brothers	Couplings	2 30
659	do.	Swartz Electric Shop	Dry cells	14 50
660	do.	The Standard Paint Co.	Paint	3 68
661	do.	The Harshaw, Fuller & Goodwin Co.	Bichromate soda	135 74
662	do.	Harry Herriek	General supplies	72 53
663	do.	Corbin Cabinet Lock Co.	Keys	12 86
664	do.	The Garlock Packing Co.	Gaskets	2 78
665	do.	The Caldwell Co.	Mazdas	258 01
666	do.	Edward Smith & Co.	Floor finish	26 07
667	do.	Illinois State Reformatory	Time checks	36 75
668	do.	C. A. Kiler	Folding chairs	4 00
669	do.	Williams Brothers	White morasco	88
670	do.	James B. Clow & Sons	General supplies	20 39
671	do.	Taylor Hardware Co.	Office supplies	8 70
672	do.	Manhattan Electric Supply Co.	Electrical supplies	65 62
673	do.	R. C. Wagner & Son	Lump coal	14 55
674	do.	Twin City Roofing Co.	Building repair	32 80
675	do.	Reliable Plumbing & Heating Co.	General supplies	1 97
676	do.	Crane Co.	Galv. tees and valves	216 83

## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1915			
677	July 28	John B. Bennett	Material and labor	\$343 78
678	..do..	Illinois Tree Expert Co.	Labor	203 98
679	..do..	Royal A. Stipes	Sand and gravel	281 75
680	..do..	F. K. Robeson	Towelling	41 10
681	July 29	Winifred Fehrenkamp	Salary, July, 1915	83 33
682	..do..	Dr. O. O. Stanley	Services rendered E. C. Lewis	31 00
683	..do..	Burnham Hospital	..do	6 75
684	..do..	O. H. Gilmstedt	..do	36 00
685	..do..	Alinari & Cook (warrant drawn on First National Bank)	Books	3 69
686	..do..	Rev. Joseph W. Cochran	Baccalaureate address	100 00
687	..do..	Lon Creiger	Dairy office	3 48
688	..do..	Elh Grove	..do	4 32
689	..do..	E. Grove	..do	3 99
690	..do..	Geo. Schiff	..do	2 67
691	..do..	John McCullough	..do	2 52
692	..do..	A. R. Grindley	..do	3 15
693	..do..	H. I. Nelson	..do	3 34
694	..do..	R. T. Lumsden	..do	2 55
695	..do..	R. A. Lumsden	..do	2 18
696	..do..	E. J. Percival	..do	2 09
697	..do..	C. C. Gordon	..do	1 19
698	..do..	R. S. McInnes	..do	98
699	..do..	O. A. McInnes	..do	4 60
700	..do..	D. Wilkins	..do	1 62
701	..do..	John W. Willard, Homer	Creamery	3 59
702	..do..	Dale Price, Homer	..do	2 87
703	..do..	F. Stodden, Homer	..do	3 78
704	..do..	Van Carter, Homer	..do	4 54
705	..do..	Alf Ott, Homer	..do	2 31
706	..do..	John Bruhn, Homer	..do	4 50
707	..do..	Mrs. G. I. Davis, Homer	..do	2 56
708	..do..	J. B. Skinner, Fithian	..do	3 27
709	..do..	J. VanBuskirk, Fithian	..do	1 30
710	..do..	J. D. Pullian, Fithian	..do	3 21
711	..do..	James Freeman, Fithian	..do	3 40
712	..do..	James Richard, Fithian	..do	3 64
713	..do..	L. A. Peters, Fithian	..do	4 43
714	..do..	John Rueb, Fithian	..do	3 29
715	..do..	Mary Diggs, Fithian	..do	3 13
716	..do..	W. J. Dowling, Ogden	..do	3 16
717	..do..	G. B. Giddings, Ogden	..do	3 73
718	..do..	W. E. Womacks, Ogden	..do	2 56
719	..do..	P. J. Wagner, Ogden	..do	3 56
720	..do..	Wm. Case, Ogden	..do	3 62
721	..do..	W. W. Meyers, Urbana, R. F. D. No. 12	..do	3 48
722	..do..	W. C. Welch, Urbana, R. F. D. No. 12	..do	3 40
723	..do..	H. Eaton, Urbana, R. F. D. No. 9	..do	3 40
724	..do..	John Jarrett, Urbana, R. F. D. No. 8	..do	4 54
725	..do..	C. C. Rayburn, Bondville	..do	3 08
726	..do..	J. W. Rayburn, Bondville	..do	5 10
727	..do..	Mattie Trimmell, Oakwood	..do	3 19
728	..do..	W. J. Baker, Tonti	..do	2 70
729	..do..	J. H. Evans, Dewey	..do	2 88
730	..do..	F. A. Nofftz, Pesotum	..do	3 32
731	..do..	R. B. Hubbard, Monticello	..do	2 16
732	..do..	W. H. Ordell, Philo	..do	4 50
733	..do..	J. A. R. Koch, Mayview	..do	3 92
734	..do..	M. E. Simonsen, Astoria	Butter	7 48
735	July 30	Central Union Telephone Co.	Exchange service	6 00
736	..do..	The Western Gas Fixture Co.	Lamp with hood	7 62
737	..do..	H. F. Ferguson	Traveling expenses	44 56
738	..do..	Carson-Payson Co.	Shower heads	32 20
739	..do..	American Chemical Society	Printing	1 56
740	..do..	Florence E. Watson	Traveling expenses	20 90
741	..do..	W. H. Browne	Wages, July, 1915	60 00
742	..do..	A. O. Magnuson	..do	80 00
743	..do..	Kelsey B. Gardner	..do	65 00
744	..do..	Western Union Telegraph Co (Urbana)	Telephone and telegraph	39 43
745	..do..	Western Union Tel. Co. (Champaign)	..do	66 16
746	..do..	Central Union Telephone Co.	..do	106 06
747	..do..	Postal Telegraph Cable Co.	..do	4 81
748	..do..	The Big Four Ry. Co. (Urbana)	Freight	98 86
749	..do..	The Big Four Ry. Co.	..do	12 21
750	..do..	O. E. Shobe	Teaming	9 00
751	..do..	Taylor Hardware Co.	General supplies	22 73
752	..do..	J. C. Thomas	Building material	4 15
753	..do..	The Babcock & Wilcox Co.	Downstakes and gauge	45 80

## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
1915				
754	July 30	James B. Clow & Co.	General supplies	\$ 43 07
755	do.	Alexander Lumber Co.	Lumber	40 47
756	do.	The Power Regulator Co.	Valve	11 00
757	do.	J. D. White	Postal cards	50 00
758	do.	E. P. Dutton & Co.	Books	1 79
759	do.	Chas. A. Hall Hardware Co.	Pitch forks	3 00
760	do.	C. H. Brownell	Sp. partition	134 50
761	do.	Coldwell Lawn Mower Co.	General supplies	13 62
762	do.	The Western Electric Co.	Receptacles and plugs	2 36
763	do.	B. H. Bowen	Molasses	1 20
764	do.	The Chicago White Lead & Oil Co.	White lead	40 17
765	do.	Heath & Milligan Mfg. Co.	Paint	25 87
766	do.	The Charles Graham Chemical Pottery Works	Plumbing supplies	13 03
767	do.	American Steam Pump Co.	Pump	24 95
768	do.	The Garlock Packing Co.	Sheet packing	29 83
769	do.	Wadsworth-Howland Co.	Paint	16 42
770	do.	American La France Fire Engine Co.	Hose	210 00
771	do.	Walker & Mulliken	Chairs for use	1 60
772	do.	F. K. Robeson	Lye	4 50
773	do.	Chas. A. Hall Hardware Co.	Galvanized pails	1 00
774	do.	The Caldwell Co.	Mazdas	18 37
775	do.	C. A. Kiler	Cork carpet	3 45
776	do.	J. E. Henderson	Dairy office	2 17
777	do.	T. M. Ghere, Homer	Creamery	4 32
778	do.	S. M. Yeazel, Homer	do	4 89
779	do.	John A. Bruhn, Homer	do	4 34
780	do.	Harvey Ray, Homer	do	1 75
781	do.	Wm. Johnson, Homer	do	4 21
782	do.	Fred M. Howell, Homer	do	5 10
783	do.	B. Jordon, Savoy, R. F. D. No. 66	do	2 48
784	do.	Clyde Fisher, Savoy, R. F. D. No. 66	do	3 35
785	do.	T. E. Jordon, Savoy, R. F. D. No. 66	do	5 32
786	do.	C. E. Ross, Savoy, R. F. D. No. 66	do	2 67
787	do.	J. B. Marsh, Ogden	do	2 89
788	do.	Thos. Manning, Ogden, R. F. D. No. 18	do	1 84
789	do.	S. P. Cary, White Heath	do	1 92
790	do.	John Ridgley, White Heath	do	3 78
791	do.	W. L. Davis, Mahomet	do	3 96
792	do.	Frank Knox, Mahomet	do	3 67
793	do.	John Ingleman, Rantoul	do	4 29
794	do.	L. F. Bialeschki, Pesotum	do	3 45
795	do.	A. Shields, Dewey	do	4 56
796	do.	W. J. Kelly, Loda	do	3 93
797	do.	O. A. McInnes	Dairy office	3 44
798	do.	C. C. Gordon	do	91
799	do.	P. P. Dunn	do	2 65
800	do.	Eli Grove	do	3 51
801	do.	Lon Creiger	do	2 92
802	do.	E. Grove	do	3 59
803	do.	E. S. McInnes	do	93
804	do.	Geo. Schiff	do	1 86
805	do.	W. S. Hopkins	do	73
806	do.	E. J. Percival	do	1 43
807	do.	John McCullough	do	2 81
808	do.	Fritz Schweinke, Homer	do	4 67
809	do.	W. E. Satterfield, Homer	do	4 43
810	do.	Van Carter, Homer	do	4 35
811	do.	W. D. Rohl, Homer	do	5 26
812	do.	Elmer Whole, Homer	do	3 94
813	do.	Fred Krukewitt, Homer	do	3 35
814	do.	Chas. Wilson, Homer	do	3 32
815	do.	W. J. Wilson, Ogden	do	2 24
816	do.	J. B. Skinner, Ogden	do	3 10
817	do.	Z. Alsip, Ogden	do	3 48
818	do.	Ora A. Knight, Fithian	do	4 00
819	do.	Earl Dickson, Fithian	do	3 59
820	do.	W. J. Baker, Pontic	do	3 67
821	do.	S. J. Kissacks, Armstrong	do	4 95
822	do.	G. W. Van Meter, Savoy	do	2 97
823	do.	Frank Meuser, Ludlow	do	3 32
824	do.	R. H. McAllister, Muncie	do	3 59
825	do.	Chas. Wagner, St. Joseph	do	3 19
826	do.	H. R. Shade, Urbana, R. F. D. No. 9	do	6 35
827	do.	H. Eaton, Urbana, R. F. D. No. 9	do	2 62
828	do.	Emil Kaiser, 306 Romine Street, Urbana	do	5 43
829	July 31	Illinois Central Ry. Co.	Freight	40 92
830	do.	The Wabash R. R. Co.	do	13 01

## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
<b>1915</b>				
831	July 31	Illinois Central Ry. Co.	Freight.	\$ 38 87
832	..do.	The Wabash R. R. Co. (Champaign)	..do.	116 19
833	..do.	Illinois Traction System	..do.	15 33
834	..do.	Illinois Central R. R. Co.	..do.	1 30
835	..do.	The Wabash R. R. Co.	..do.	70 86
835 1/2	..do.	W. B. Castenholz, Comptroller	Material furnished from University storeroom	56 51
836	Aug. 5	E. L. Martin, Homer	Dairy office.	3 19
837	..do.	J. D. Perkham, Homer	..do.	3 40
838	..do.	Harvey Ray, Homer	..do.	1 35
839	..do.	W. E. Yount, Homer	..do.	3 67
840	..do.	Alf Ott, Homer	..do.	2 62
841	..do.	Lou Libka, Homer	..do.	2 81
842	..do.	L. J. Weinke, Homer	..do.	3 16
843	..do.	Mrs. G. I. Davis, Homer	..do.	3 27
844	..do.	F. Stodden, Homer	..do.	3 48
845	..do.	A. Shields, Dewey	..do.	4 75
846	..do.	J. H. Evans, Dewey	..do.	3 05
847	..do.	Henry Rheinhardt, Dewey	..do.	4 15
848	..do.	S. P. Cary, White Heath	..do.	5 29
849	..do.	John Rueb, Fithian	..do.	5 32
850	..do.	Macy Bros., Fithian	..do.	5 59
851	..do.	F. H. Douglas, Fithian	..do.	3 27
852	..do.	James Richards, Fithian	..do.	3 29
853	..do.	Mary Diggs, Fithian	..do.	2 08
854	..do.	S. T. Carter, Mahomet	..do.	3 34
855	..do.	Mary Warner, Mahomet	..do.	4 07
856	..do.	J. F. Rankin, Sidney	..do.	5 80
857	..do.	Wm. H. Ordell, Philo	..do.	2 24
858	..do.	J. J. Postlewaite, Philo	..do.	3 05
859	..do.	J. W. Rhoades, Fisher	..do.	4 07
860	..do.	C. M. Snook, Fisher	..do.	3 45
861	..do.	J. C. Schrock, Fisher	..do.	4 29
862	..do.	E. B. Hubbard, Monticello	..do.	3 75
863	..do.	F. A. Nofftz, Pesotum	..do.	3 19
864	..do.	F. J. Messman, Sadorus	..do.	2 75
865	..do.	C. E. Ross, Savoy, R. F. D. No. 66	..do.	4 08
866	..do.	B. Jordan, Savoy, R. F. D. No. 66	..do.	3 46
867	..do.	Glide Fisher, Savoy, R. F. D. No. 66	..do.	6 86
868	..do.	T. F. Jordan, Savoy, R. F. D. No. 66	..do.	3 16
869	..do.	F. B. Seiner, Muncie	..do.	7 78
870	..do.	Emil Kaiser, 306 N. Romine, Urbana	..do.	51 20
871	Aug. 7	M. E. Applegate	Wages, July, 1915.	61 53
872	..do.	W. M. Atwell	..do.	62 79
873	..do.	J. E. Bailey	..do.	96 40
874	..do.	V. R. Barnes	..do.	88 80
875	..do.	A. J. Booker	..do.	61 53
876	..do.	George Boyer	..do.	74 55
877	..do.	John Brannigan	..do.	50 20
878	..do.	J. E. Browning	..do.	64 68
879	..do.	Harry Brown	..do.	88 24
880	..do.	Basil Brown	..do.	63 71
881	..do.	D. M. Bullock	..do.	63 94
882	..do.	Thomas Butlar	..do.	50 63
883	..do.	Carl Cagann	..do.	58 00
884	..do.	Rolla S. Carson	..do.	124 80
885	..do.	James Casad	..do.	41 40
886	..do.	J. Cassidy	..do.	84 26
887	..do.	John Ceduskey	..do.	52 20
888	..do.	J. W. Cheever	..do.	119 25
889	..do.	Frank Clancy	..do.	62 68
890	..do.	Bert Clark	..do.	58 00
891	..do.	A. L. Collins	..do.	53 60
892	..do.	B. F. Crackel	..do.	92 40
893	..do.	J. D. Craig	..do.	86 13
894	..do.	F. Crathorne	..do.	68 40
895	..do.	F. E. Crump	..do.	56 70
896	..do.	C. M. Davis	..do.	71 61
897	..do.	Joseph Davis	..do.	74 00
898	..do.	C. A. Dunseth	..do.	65 78
899	..do.	B. F. English	..do.	96 10
900	..do.	Thos. J. Fay	..do.	53 80
901	..do.	M. Feigner	..do.	83 10
902	..do.	Fred Fender	..do.	70 18
903	..do.	Louis Fender	..do.	84 80
904	..do.	J. C. Fiscus	..do.	64 63
905	..do.	J. J. Fiscus	..do.	54 60
906	..do.	Frank Fogarty	..do.	

## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
907	Aug. 7 1915	William Fogarty.	Wages, July, 1915.	\$ 55 20
908	do.	Felix Fox.	do.	57 83
909	do.	Guy Fox.	do.	64 34
910	do.	F. F. Franklin.	do.	60 45
911	do.	C. Y. Freeman.	do.	61 95
912	do.	V. S. Glenn.	do.	54 80
913	do.	W. H. Graybeal.	do.	63 00
914	do.	Charles Gundlock.	do.	84 80
915	do.	Sell Hamlin.	do.	54 00
916	do.	Sammuel Hanson.	do.	71 25
917	do.	E. J. Hargan.	do.	68 62
918	do.	J. T. Heinz.	do.	63 00
919	do.	Harry Higgins.	do.	89 80
920	do.	Charles Hill.	do.	97 99
921	do.	William G. Hixon.	do.	53 50
922	do.	F. E. Hoover.	do.	60 72
923	do.	Ross Hutton.	do.	67 16
924	do.	F. M. Irvine.	do.	58 07
925	do.	James Irvine.	do.	76 04
926	do.	A. L. Johnson.	do.	65 10
927	do.	C. C. Johnson.	do.	55 20
928	do.	E. Johns.	do.	35 70
929	do.	Margaret Jones.	do.	55 20
930	do.	E. W. Justus.	do.	108 00
931	do.	Timothy Kenney.	do.	71 50
932	do.	A. J. Klein.	do.	71 61
933	do.	Otto Kriegl.	do.	57 40
934	do.	A. Langhoff.	do.	86 45
935	do.	Fred Langhoff.	do.	66 79
936	do.	W. Langhoff.	do.	24 30
937	do.	E. C. Lewis.	do.	71 61
938	do.	A. P. Long.	do.	61 11
939	do.	H. H. Mahoney.	do.	81 82
940	do.	Thurman R. Matthews.	do.	56 24
941	do.	O. E. Meenach.	do.	59 60
942	do.	O. L. Mendenhall.	do.	60 25
943	do.	Dan Kenney.	do.	51 40
944	do.	C. M. Miller.	do.	65 16
945	do.	J. M. Miller.	do.	44 10
946	do.	P. O. Moody.	do.	117 00
947	do.	Rebecca Morgan.	do.	56 80
948	do.	Jessy Myers.	do.	83 20
949	do.	James McCallister.	do.	60 95
950	do.	Frances E. McLaughlin.	do.	85 44
951	do.	B. F. McDaniel.	do.	42 26
952	do.	W. J. McPadden.	do.	43 90
953	do.	William McFarland.	do.	54 40
954	do.	Carl Neblcock.	do.	54 06
955	do.	J. R. Norton.	do.	26 75
956	do.	C. M. Ollis.	do.	21 73
957	do.	R. A. Palfreyman.	do.	25 08
958	do.	F. M. Perry.	do.	62 00
959	do.	Nick Peterson.	do.	57 00
960	do.	E. W. Persson.	do.	97 85
961	do.	J. F. Purkins.	do.	42 40
962	do.	Ed. Richards.	do.	47 81
963	do.	G. Rittenhouse.	do.	62 81
964	do.	Mary Ryan.	do.	107 80
965	do.	Martin Sandwell.	do.	49 80
966	do.	A. Serris.	do.	36 68
967	do.	W. J. Smith.	do.	39 00
968	do.	Lloyd H. Smoek.	do.	87 18
969	do.	J. C. Snider.	do.	125 05
970	do.	Frank Stetler.	do.	60 00
971	do.	L. M. Stearns.	do.	55 88
972	do.	Elmer Stratton.	do.	80 74
973	do.	Gus Strum.	do.	60 45
974	do.	Otto H. Sweattgen.	do.	80 83
975	do.	William Templin.	do.	85 25
976	do.	H. J. Thompson.	do.	72 00
977	do.	I. F. Tillison.	do.	96 80
978	do.	George Toy.	do.	54 60
979	do.	O. J. Utterback.	do.	68 15
980	do.	J. H. Vanderveer.	do.	66 01
981	do.			65 78
982	do.			55 80
983	do.			88 40
984	do.			

## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1915			
985	Aug. 7	Van Natter.....	Wages, July, 1915.....	\$ 10 40
986	..do.	P. T. Walters.....	..do.....	38 60
987	..do.	A. Warbler.....	..do.....	87 00
988	..do.	Edwin Wells.....	..do.....	64 80
989	..do.	Ed. Wharmby.....	..do.....	71 53
990	..do.	William Wilde.....	..do.....	96 10
991	..do.	Wesley Wilson.....	..do.....	92 00
992	..do.	Walter Wingler.....	..do.....	52 40
993	..do.	Otto Wrest.....	..do.....	49 20
994	..do.	Amos Wright.....	..do.....	95 60
995	..do.	C. J. Welch.....	..do.....	140 00
996	..do.	Thomas Long.....	..do.....	55 35
997	..do.	M. H. Hoghoshian.....	..do.....	71 60
998	..do.	L. C. Bernard.....	..do.....	100 00
999	..do.	A. L. Bevis.....	..do.....	143 00
1000	..do.	A. L. Barnes.....	..do.....	74 20
1001	..do.	W. H. Boyer.....	..do.....	95 00
1002	..do.	Cevilla Carothers.....	..do.....	52 00
1003	..do.	Charles M. Earhart.....	..do.....	64 40
1004	..do.	Elmore G. Ernst.....	..do.....	59 84
1005	..do.	T. O. Henderson.....	..do.....	108 68
1006	..do.	I. N. Hultman.....	..do.....	42 00
1007	..do.	M. C. Johnson.....	..do.....	57 75
1008	..do.	F. M. Lescher.....	..do.....	90 00
1009	..do.	Morris Munson.....	..do.....	67 20
1010	..do.	Ruth Murphy.....	..do.....	59 32
1011	..do.	E. F. Philgard.....	..do.....	73 84
1012	..do.	Vera Byers.....	..do.....	60 00
1013	Aug. 9	Peoples Gas Light & Coke Co.....	Gas.....	36 96
1014	..do.	M. E. Thompson, Cashier.....	General labor.....	76 53
1015	..do.	M. E. Thompson, Cashier.....	Student labor.....	45 35
1016	..do.	M. E. Thompson, Cashier.....	Rebates to students.....	82 75
1017	..do.	M. E. Thompson, Cashier.....	General labor bills.....	581 49
1018	..do.	Paul Hansen.....	Traveling expenses.....	14 07
1019	..do.	Wm. Trelease.....	..do.....	2 71
1020	..do.	W. B. Castenholz.....	..do.....	17 52
1021	..do.	International Press Clipping Bureau.....	Press clippings.....	5 00
1022	..do.	Geo. B. Carpenter & Co.....	Office supplies.....	13 66
1023	..do.	Graham Paper Co.....	..do.....	38 35
1024	..do.	United States Blue Print Paper Co.....	..do.....	13 33
1025	..do.	Library Bureau.....	..do.....	3 46
1026	..do.	Louis Melind Co.....	..do.....	5 51
1027	..do.	J. W. Butler Paper Co.....	..do.....	84 99
1028	..do.	Universal Sales Co.....	..do.....	3 00
1029	..do.	Eugene Dietzgen Co.....	..do.....	15 15
1030	..do.	Universal Sales Co.....	..do.....	9 00
1031	..do.	A. C. McClurg & Co.....	Order books.....	10 83
1032	..do.	The Schapirograph Co.....	Films for schapirograph.....	11 25
1033	..do.	The Weis Mfg. Co.....	..do.....	5 41
1034	..do.	General Electric Co.....	Electrical supplies.....	64 30
1035	..do.	Twin City Roofing Co.....	Repairing down spouts.....	2 60
1036	..do.	Northwestern Compo Board Co.....	Compo board.....	35 00
1037	..do.	David I. Abercrombee Co.....	Camera cases.....	10 55
1038	..do.	Burke & James.....	Mats.....	11 42
1039	..do.	G. Cramer Dry Plate Co.....	Blue printing.....	14 12
1040	..do.	Anseo Co.....	Office supplies.....	14 85
1041	..do.	Anseo Co.....	..do.....	2 34
1042	..do.	R. C. Wagner.....	Teaming.....	85 88
1043	..do.	Wm. Hex, Drayman.....	..do.....	130 00
1044	..do.	Commercial Telephone & Telegraph Co.....	Telephone service.....	5 22
1045	..do.	S. W. Hopkins.....	Dairy office.....	1 00
1046	..do.	R. T. Lumsden.....	..do.....	2 97
1047	..do.	Lou Creiger.....	..do.....	3 29
1048	..do.	E. Grove.....	..do.....	3 94
1049	..do.	David Wilkins.....	..do.....	3 37
1050	..do.	R. A. Lumsden.....	..do.....	3 17
1051	..do.	Eli Grove.....	..do.....	3 56
1052	..do.	W. C. Welch.....	..do.....	2 62
1053	..do.	J. Jarrett.....	..do.....	4 00
1054	..do.	E. J. Percival.....	..do.....	3 48
1055	..do.	R. S. McInness.....	..do.....	1 61
1056	..do.	O. A. McInness.....	..do.....	4 14
1057	..do.	John McCullough.....	..do.....	2 92
1058	..do.	Geo. Schiff.....	..do.....	2 48
1059	..do.	H. I. Nelson.....	..do.....	2 73
1060	..do.	A. R. Grindley.....	..do.....	4 61
1061	..do.	W. J. Wilson, Ogden.....	Creamery.....	2 40
1062	..do.	W. E. Womacks, Ogden.....	..do.....	2 24

## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1915			
1063	Aug. 9	G. Freeman, Ogden.....	Creamery.....	\$ 2 73
1064	..do.	P. J. Wagner, Ogden.....	..do.	4 00
1065	..do.	John A. Bruhn, Homer.....	..do.	4 07
1066	..do.	John W. Hillard, Homer.....	..do.	5 24
1067	..do.	M. D. Allen, Homer.....	..do.	2 97
1068	..do.	Lou Libke, Homer.....	..do.	3 48
1069	..do.	C. R. Beavers, Homer.....	..do.	5 13
1070	..do.	Allen Sadler, Fithian, R. F. D. No. 2.....	..do.	2 97
1071	..do.	J. B. Skinner, Fithian.....	..do.	3 45
1072	..do.	J. Van Buskirk, Fithian.....	..do.	1 78
1073	..do.	Mary Diggs, Fithian.....	..do.	2 02
1074	..do.	W. J. Baker, Tonti.....	..do.	3 29
1075	..do.	C. S. Hopkins, Tonti.....	..do.	3 28
1076	..do.	W. L. Davis, Fisher.....	..do.	3 37
1077	..do.	R. B. Hubbard, Monticello.....	..do.	3 73
1078	..do.	W. B. Meyer, Urbana, R. F. D. No. 12.....	..do.	4 00
1079	..do.	J. A. E. Koch, Mayview.....	..do.	3 00
1080	..do.	Mattie Trimell, Oakwood.....	..do.	4 59
1081	..do.	F. E. Henderson.....	Dairy office.....	1 88
1082	..do.	F. Thompson.....	..do.	2 13
1083	..do.	Wm. Van Buskirk, Fithian.....	Creamery.....	3 69
1084	..do.	L. A. Peters, Fithian.....	..do.	3 69
1085	..do.	J. A. Daeger, Tolono.....	..do.	1 91
1086	..do.	L. C. Wible, Ogden.....	..do.	1 72
1087	..do.	F. A. Noftz, Pesotum.....	..do.	3 40
1088	..do.	L. F. Bialeschke, Pesotum.....	..do.	3 42
1089	..do.	Wm. P. Walsh, Ludlow.....	..do.	4 45
1090	..do.	John Engleman, Rantoul.....	..do.	4 12
1091	..do.	H. R. Shade, Urbana, R. F. D. No. 9.....	..do.	3 72
1092	..do.	H. Woller, Urbana, R. F. D. No. 8.....	..do.	3 41
1093	..do.	S. P. Cary, White Heath.....	..do.	3 28
1094	..do.	S. M. Yezzel, Homer.....	..do.	4 99
1095	..do.	W. D. Rhol, Homer.....	..do.	5 20
1096	..do.	Van Carter, Homer.....	..do.	4 68
1097	..do.	Ed. Smith, Homer.....	..do.	4 29
1098	..do.	Geo. Hurst, Homer.....	..do.	4 42
1099	..do.	Alf. Ott, Homer.....	..do.	2 76
1100	..do.	Mrs. G. I. Davis, Homer.....	..do.	2 96
1101	..do.	T. F. Jordon, Savoy, R. F. D. No. 66.....	..do.	4 99
1102	..do.	B. Jordon, Savoy, R. F. D. No. 66.....	..do.	3 25
1103	..do.	C. E. Ross, Savoy, R. F. D. No. 66.....	..do.	3 07
1104	..do.	The Drake Hotel Co.....	Luncheons.....	25 90
1105	..do.	Urbana & Champaign Ry., Gas & Electric Co.....	Gas.....	452 48
1106	..do.	M. E. Thompson, Cashier.....	Temporary labor.....	14 45
1107	..do.	M. E. Thompson, Cashier.....	Student labor.....	32 13
1108	..do.	M. E. Thompson, Cashier.....	Temporary labor.....	655 93
1109	Aug. 10	Eli Grove.....	Dairy office.....	3 35
1110	..do.	Lou Creiger.....	..do.	2 83
1111	..do.	E. Grove.....	..do.	2 21
1112	..do.	P. P. Dunn.....	..do.	2 70
1113	..do.	Geo. Schiff.....	..do.	1 90
1114	..do.	Geo. Taylor.....	..do.	94
1115	..do.	O. A. McInnes.....	..do.	3 57
1116	..do.	R. S. McInnes.....	..do.	1 69
1117	..do.	W. S. Hopkins.....	..do.	1 38
1118	..do.	John McCullough.....	..do.	2 50
1119	..do.	E. J. Percival.....	..do.	1 42
1120	..do.	L. J. Weinke, Homer.....	Creamery.....	3 38
1121	..do.	Elmer Whole, Homer.....	..do.	3 59
1122	..do.	T. N. Ghare, Homer.....	..do.	3 46
1123	..do.	Dale Price, Homer.....	..do.	5 26
1124	..do.	F. Stodden, Homer.....	..do.	4 16
1125	..do.	Wm. Case, Ogden.....	..do.	2 86
1126	..do.	H. Denhart, Ogden.....	..do.	3 85
1127	..do.	Z. Alsip, Ogden.....	..do.	3 74
1128	..do.	G. B. Giddings, Ogden.....	..do.	4 11
1129	..do.	W. J. Baker, Tonti.....	..do.	3 63
1130	..do.	C. E. Hopkins, Tonti.....	..do.	3 65
1131	..do.	J. W. Rhoades, Fisher.....	..do.	4 57
1132	..do.	J. H. Evans, Dewey.....	..do.	3 21
1133	..do.	J. B. Skinner, Fithian.....	..do.	2 65
1134	..do.	C. C. Rayburn, Bondville.....	..do.	4 78
1135	..do.	R. B. Hubbard, Monticello.....	..do.	3 28
1136	Aug. 12	L. E. Knorr, Assistant Comptroller.....	Traveling expense.....	6 40
1137	..do.	Estate of J. H. Pettit.....	Salary, August, 1915.....	125 00



## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1915			
1138	Aug. 12	Estate of G. H. Meyer	Salary, August, 1915	\$ 229 24
1139	.do.	A. G. Eldridge	.do.	250 00
1140	.do.	Edward Bartow	.do.	166 68
1141	.do.	A. N. Bennett	.do.	75 00
1142	.do.	W. W. Hanford	.do.	60 00
1143	.do.	W. F. Langlier	.do.	125 00
1144	.do.	H. F. Ferguson	.do.	90 00
1145	.do.	M. C. Sjoblom	.do.	75 00
1146	.do.	F. W. Tanner	.do.	70 00
1147	.do.	C. H. Havens	.do.	125 00
1148	.do.	Morris Murphy	.do.	110 00
1149	.do.	T. J. Showers	.do.	125 00
1150	.do.	Twin City Roofing Co	Gutter repairs	333 48
1151	.do.	John B. Bennett	Labor	7 94
1152	.do.	The Burr Co	Building	53 22
1153	.do.	Jacob White	Material and labor	80 20
1154	.do.	Walker Vehicle Co.	Jars	13 74
1155	.do.	Taylor Hardware Co.	Building material	52 85
1156	.do.	Automatic Electric Co	Electrical supplies	74 62
1157	.do.	Pittsburgh Meter Co	Meter	3 09
1158	.do.	The Burr Co	Wire cable	2 56
1159	.do.	The Harshaw, Fuller & Goodwin Co	Magnesium sulphate	75 10
1160	.do.	The Babcock & Wilcox Co	Steam drums	1,868 00
1161	.do.	The Bristol Co	Charts	6 00
1162	.do.	C. H. Brownell	Oak partition	130 15
1163	.do.	Hunter Rourke & Co.	Lumber	56 42
1164	.do.	Cudahy Packing Co.	Washing powder	9 60
1165	.do.	Weil Brothers	Boiler	27 59
1166	.do.	J. G. Oldham	Paint	36 35
1167	.do.	General Chemical Co	Epsom salts	134 64
1168	.do.	Crane Co	Building material	56 05
1169	.do.	Indianapolis Paint & Color Co.	Paints	128 06
1170	.do.	S. E. Huff & Co	Lime, sand, roofing	13 90
1171	.do.	General Electric Co	Desk fans	119 02
1172	.do.	Illinois Electric Co	Meter	43 27
1173	.do.	Stipes & Hecker	Cement	396 28
1174	.do.	R. C. Wagner & Son	Coal	260 67
1175	.do.	H. E. Cunningham	Traveling expenses	20 49
1176	.do.	C. M. McConn	.do.	4 85
1177	.do.	E. A. Grindley	Dairy office	3 64
1178	.do.	H. I. Nelson	.do.	1 76
1179	.do.	David Wilkins	.do.	3 20
1180	.do.	J. A. Morgan, Homer	.do.	3 95
1181	.do.	Mrs. G. I. Davis, Homer	.do.	2 76
1182	.do.	Lon Libka, Homer	.do.	2 91
1183	.do.	Van Carter, Homer	.do.	4 37
1184	.do.	M. D. Allen, Homer	.do.	3 17
1185	.do.	Harvey Ray, Homer	.do.	1 90
1186	.do.	John W. Hillard, Homer	.do.	4 04
1187	.do.	Fred W. Howell, Homer	.do.	3 98
1188	.do.	W. E. Satterfield, Homer	.do.	3 74
1189	.do.	C. R. Beavers	.do.	4 55
1190	.do.	C. G. Plotner, Fithian	.do.	3 90
1191	.do.	John Rueb, Fithian	.do.	3 54
1192	.do.	Macy Bros., Fithian	.do.	3 85
1193	.do.	Harry Sperry, Fithian	.do.	2 18
1194	.do.	James Freeman, Fithian	.do.	2 52
1195	.do.	J. Van Buskirk, Fithian	.do.	1 20
1196	.do.	C. E. Fisher, Savoy, R. F. D. No. 66	.do.	5 23
1197	.do.	C. E. Ross, Savoy, R. F. D. No. 66	.do.	3 28
1198	.do.	B. Jordon, Savoy, R. F. D. No. 66	.do.	1 82
1199	.do.	T. F. Jordon, Savoy, R. F. D. No. 66	.do.	5 82
1200	Aug. 13	R. H. McAllister, Muncie	.do.	2 60
1201	.do.	C. M. Snook, Fisher	.do.	2 49
1202	.do.	J. W. Rhoades, Fisher	.do.	3 85
1203	.do.	H. Eaton, Urbana, R. F. D. No. 9	.do.	4 44
1204	.do.	J. Jarrett, Urbana, R. F. D. No. 8	.do.	3 46
1205	.do.	A. Shields, Dewey	.do.	4 70
1206	.do.	Henry Rheinhardt, Dewey	.do.	4 36
1207	.do.	Andrew Kurtz, Philo	.do.	4 23
1208	.do.	Frank Meuser, Ludlow	.do.	3 74
1209	.do.	S. T. Carter, Mahomet	.do.	2 98
1210	.do.	S. P. Cary, White Heath	.do.	2 03
1211	.do.	Robert Graham	Dairy office	7 81
1212	.do.	O. A. McInnes	.do.	5 24
1213	.do.	Geo. Schiff	.do.	2 39
1214	.do.	R. S. McInnes	.do.	1 77
1215	.do.	S. W. Hopkins	.do.	1 91

## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1915			
1216	Aug. 13	R. A. Lumsden	Dairy office	\$ 3 12
1217	do.	R. T. Lumsden	do	2 62
1218	do.	John McCullough	do	1 88
1219	do.	E. Grove	do	3 35
1220	do.	Lou Creiger	do	3 74
1221	do.	Eli Grove	do	3 80
1222	do.	F. Thompson	do	1 48
1223	do.	S. M. Yeazel, Homer	Creamery	4 42
1224	do.	Elmer Whole, Homer	do	3 69
1225	do.	Fred Krukewitt, Homer	do	3 41
1226	do.	F. Stodden, Homer	do	2 99
1227	do.	J. D. Perkharn, Homer	do	2 91
1228	do.	W. D. Rohl, Homer	do	4 89
1229	do.	Chas. Wilson, Homer	do	3 67
1230	do.	John Bruhn, Homer	do	4 54
1231	do.	W. J. Wilson, Homer	do	2 26
1232	do.	P. J. Wagner, Homer	do	2 99
1233	do.	Anna Lafeuhagen, Sidney	do	4 49
1234	do.	H. R. Shade, Urbana, R. F. D. No. 9.	do	4 27
1235	do.	Van Meter, Savoy	do	2 73
1236	do.	J. A. R. Koch, Mayview	do	3 54
1237	do.	W. J. Baker, Tonti	do	3 45
1238	do.	J. W. Rayburn, Bondville	do	5 43
1239	do.	Chas. Wagner, St. Joseph	do	3 30
1240	do.	R. B. Hubbard, Monticello	do	4 19
1241	Aug. 16	F. P. Dunn	Dairy office	2 16
1242	do.	J. E. Henderson	do	1 77
1243	do.	Geo. Taylor	do	1 99
1244	do.	John A. Bruhn, Homer	do	4 99
1245	do.	E. L. Martin, Homer	do	2 44
1246	do.	Geo. Hurst, Homer	do	4 19
1247	do.	L. J. Weinke, Homer	do	3 72
1248	do.	T. F. Jordan, Savoy, R. F. D. No. 66	do	5 02
1249	do.	C. C. Ross, Savoy, R. F. D. No. 66	do	2 63
1250	do.	B. Jordan, Savoy, R. F. D. No. 66	do	2 73
1251	do.	C. Fisher, Savoy, R. F. D. No. 66	do	2 29
1252	do.	A. Shields, Devey	do	4 54
1253	do.	J. H. Evans, Devey	do	2 98
1254	do.	Mary Warner, Fisher	do	3 76
1255	do.	J. B. Skinner, Fithian	do	3 43
1256	do.	F. A. Nofftz, Pesotum	do	3 11
1257	do.	B. B. Noe, Sidney, R. F. D. No. 67	do	3 58
1258	do.	H. R. Shade, Urbana, R. F. D. No. 9	do	2 55
1259	do.	F. J. Messman, Sadorus	do	3 40
1260	do.	Florence E. Watson	Traveling expenses	62 50
1261	do.	M. E. Thompson, Cashier	Sundry bills	143 35
1262	do.	M. E. Thompson, Cashier	Labor bills	308 94
1263	do.	Allison & Hadaway	Record plates	19 63
1264	Aug. 17	E. Grove	Dairy office	2 68
1265	do.	Eli Grove	do	3 35
1266	do.	Geo. Schiff	do	2 30
1267	do.	E. J. Percival	do	2 00
1268	do.	R. S. McInnes	do	1 26
1269	do.	Lou Creiger	do	2 91
1270	do.	John McCullough	do	2 68
1271	do.	W. S. Hopkins	do	2 42
1272	do.	O. A. McInnes	do	3 40
1273	do.	Lon Libka, Homer	Creamery	2 83
1274	do.	Chas. Wilson, Homer	do	3 17
1275	do.	Fritz Schweineke, Homer	do	2 73
1276	do.	Dale Price, Homer	do	4 37
1277	do.	Ed. Smith, Homer	do	4 26
1278	do.	Alf Ott, Homer	do	2 94
1279	do.	Z. Alsip, Ogden	do	3 28
1280	do.	W. J. Wilson, Ogden	do	1 53
1281	do.	J. B. Marsh, Ogden	do	2 70
1282	do.	H. Duehart, Ogden	do	3 07
1283	do.	J. B. Skinner, Fithian	do	2 73
1284	do.	Earl Dickerson, Fithian	do	3 69
1285	do.	F. H. Douglas, Fithian	do	3 33
1286	do.	John Rueb, Fithian	do	3 80
1287	do.	H. Eaton, R. F. D. No. 9, Urbana	do	4 54
1288	do.	W. M. Meyer, R. F. D. No. 12, Urbana	do	4 26
1289	do.	Dave Moore, Philo	do	4 41
1290	do.	F. Knox, Mahomet	do	3 55
1291	do.	W. J. Baker, Tonti	do	3 03
1292	do.	Thos. H. Barker, Bondville	do	3 54
1293	do.	R. B. Hubbard, Monticello	do	2 73

## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1915			
1294	Aug. 17	J. A. R. Koch, Mayview	Creamery	\$ 3 30
1295	.do.	Matthe Trimmell, Oakwood	.do.	5 10
1296	.do.	C. W. Bullard	Wages, July, 1915	125 00
1297	.do.	M. E. Thompson, Cashier	General labor	764 89
1298	Aug. 18	Laura B. Evans	Traveling expenses	72 78
1299	.do.	C. S. McKellogg	Wages, August, 1915	50 00
1300	.do.	Louis Melind Co.	Incidental	1 69
1301	.do.	United States Blue Print Paper Co.	Office supplies	6 65
1302	.do.	A. C. McClurg & Co.	.do.	4 83
1303	.do.	A. C. McClurg & Co.	.do.	5 72
1304	.do.	Gaylord Brothers	Adhesive tape	1 25
1305	.do.	Keunfel & Esser Co.	Office supplies	33 20
1306	.do.	Neostyle Co.	Stencil paper	12 18
1307	.do.	G. C. Willis	Cotton batts	5 00
1308	Aug. 21	Dairy Department	Dairy products	4 40
1309	.do.	Anseo Co.	Blue print material	4 67
1310	Aug. 22	M. E. Thompson, Cashier	Freight	7 50
1311	.do.	M. E. Thompson, Cashier	.do.	55 42
1312	.do.	M. E. Thompson, Cashier	Payments to milk patrons	134 35
1313	.do.	M. E. Thompson, Cashier	Freight	82 74
1314	.do.	M. E. Thompson, Cashier	Sundry bills	85 76
1315	.do.	M. E. Thompson, Cashier	General labor	97 97
1317	.do.	M. E. Thompson, Cashier	Payment to milk patrons	111 40
1317	.do.	Mrs. Helen James Frazer	Interest on Margaret L. James loan fund	125 00
1318	.do.	Chas. G. Willoughby	Office supplies	85
1319	.do.	Frederick Post Co.	.do.	13 30
1320	.do.	Mrs. Laura B. Evans	Traveling expenses	29 45
1321	Aug. 26	M. E. Thompson, Cashier	Payments to milk patrons	85 32
1322	.do.	M. E. Thompson, Cashier	.do.	200 81
1323	.do.	M. E. Thompson, Cashier	Labor	715 74
1324	.do.	M. E. Thompson, Cashier	Express	35 97
1325	.do.	M. E. Thompson, Cashier	Sundry bills	65 87
1326	.do.	M. E. Thompson, Cashier	General labor	78 78
1327	.do.	H. F. Harrington	Traveling expenses	20 00
1328	.do.	A. O. Magnuson	Wages, August, 1915	80 00
1329	.do.	Kelsey B. Gardner	.do.	65 00
1330	Aug. 30	The Independent Service Co.	Apparatus repairs	4 00
1331	.do.	The Letter Shop	Printing	9 00
1332	.do.	Chas. M. Webber, Postmaster	Mailing bulletins	50 00
1333	.do.	J. D. White	Postage	490 00
1334	.do.	Plev & Moter Co.	Office supplies	2 33
1335	.do.	Joseph Gillotti & Sons	.do.	1 75
1336	.do.	Louis Melind Co.	.do.	3 73
1337	.do.	Irving-Pitt Mfg. Co.	.do.	8 64
1338	.do.	The Weis Mfg. Co.	.do.	44 04
1339	.do.	J. W. Butler Paper Co.	.do.	207 37
1340	.do.	Wadsworth-Howland	Stucco brushes	27 70
1341	.do.	The Eagle White Lead Co.	White lead	30 24
1342	.do.	National Steam Specialty Co.	Auto air valves	30 18
1343	.do.	Pyrene Co. of Illinois	Pyrene liquid	11 00
1344	.do.	West Disinfecting Co.	Laboratory supplies	5 25
1345	.do.	Jas. B. Clow & Sons	Bolts	2 14
1346	.do.	Standard Oil Co.	Candles	3 68
1347	.do.	Geo. F. Righter	Mops	37 80
1348	.do.	Wadsworth-Howland	Metal polish	6 00
1349	.do.	Indianapolis Paint & Color Co.	Laboratory supplies	8 10
1350	.do.	Shapleigh Hardware Co.	Stair rail bracket	1 25
1351	.do.	The United State Electrical Tool Co.	Apparatus repairs	12 79
1352	.do.	National Carbon Co.	Laboratory supplies	29 99
1353	.do.	The Chicago Rawhide Mfg. Co.	Rawhide	2 35
1354	.do.	Carl Bajohr Lighting Conductor Co.	Conductor fasteners	3 36
1355	.do.	Corbin Cabinet Lock Co.	Keys	8 92
1356	.do.	Stromberg Carlson Telephone Mfg. Co.	Telephones	16 05
1357	.do.	Alphons Custodis Chimney Construction Co.	Repairing chimney	456 08
1358	.do.	C. H. Brownell	Oak partition	68 50
1359	.do.	Armstrong Cork & Insulation Co.	Contract	234 60
1360	.do.	N. Y. Silicate Book Slate Co.	Vener plate	3 06
1361	.do.	The Eagle White Lead Co.	White lead	7 75
1362	.do.	Armstrong Cork & Insulation Co.	Corkboard	10 64
1363	.do.	English Brothers	Building supplies	80 00
1364	.do.	S. E. Dillavou	.do.	3 50
1365	.do.	The Harshaw Fuller & Goodwin Co.	Bichromate soda	417 12
1366	.do.	Pittsburgh Meter Co.	Laboratory supplies	3 09
1367	.do.	Marshall Field & Co.	Hospital gauze	24 79
1368	.do.	George Strode	Awnings	28 00
1369	.do.	The Powers Regulator Co.	Regulator	40 95
1370	.do.	Henry A. Dreer, Inc.	Laboratory apparatus	11 55

## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date	To whom.	For what.	Amount.
1371	1915			
1372	Aug. 30	Scott Valve Co.	Flange	\$ 3 75
1373	do.	The Burr Co.	Building supplies	3 00
1374	do.	John H. Doyle	Gasoline stove and shovels	8 10
1375	do.	Taylor Hardware Co.	Hardware	96 69
1376	do.	The Caldwell Co.	Lights	163 97
1377	do.	Geo. B. Carpenter & Co.	Oil cans	27 35
1378	do.	Alexander Lumber Co.	Lumber	294 31
1379	do.	Central Electric Co.	Light fixtures	115 72
1380	do.	F. K. Robeson	Cheesecloth	11 23
1381	do.	Watson Mfg. Co.	Steel frame screens	23 75
1382	do.	C. A. Kiler	Chair seats	1 40
1383	do.	Crane Co.	Building supplies	136 60
1384	do.	Miller Harness Co.	General supplies	5 60
1385	do.	Green Engineering Co.	do.	7 78
1386	do.	Harry Herrick	Auto repairs	44 48
1387	do.	John W. Spalding	Horseshoeing	8 00
1388	do.	W. Lewis & Co.	Shades	12 90
1389	do.	Pittsburgh Plate Glass Co.	Building supplies	30 85
1390	do.	Edward Smith & Co.	Paint	32 37
1391	do.	M. E. Thompson, Cashier	Labor	772 41
1392	Aug. 31	M. E. Thompson, Cashier	Payments to milk patrons	230 25
1393	do.	W. B. Castenholz, Comptroller	Material from University store-room	1,083 97
1394	do.	M. E. Thompson, Cashier	Freight	102 95
1395	do.	M. E. Thompson, Cashier	do.	52 38
1396	Sept. 3	M. E. Applegate	Wages, August, 1915	51 10
1397	do.	W. M. Atwell	do.	62 56
1398	do.	J. E. Bailey	do.	60 28
1399	do.	V. R. Barnes	do.	93 60
1400	do.	Geo. Boyer	do.	53 97
1401	do.	J. E. Browning	do.	65 31
1402	do.	John Branningan	do.	70 70
1403	do.	Harry Brown	do.	67 76
1404	do.	Basil Brown	do.	56 24
1405	do.	D. M. Bullock	do.	46 69
1406	do.	Thos. Butler	do.	68 88
1407	do.	Carl Cagan	do.	65 50
1408	do.	Rolla S. Carson	do.	60 28
1409	do.	J. T. Cassidy	do.	45 20
1410	do.	John Cedusky	do.	79 20
1411	do.	J. W. Cheever	do.	52 20
1412	do.	A. L. Collins	do.	59 85
1413	do.	B. F. Crackel	do.	57 86
1414	do.	F. Crathorne	do.	57 85
1415	do.	F. E. Crump	do.	72 66
1416	do.	Jos. Davis	do.	40 74
1417	do.	B. F. English	do.	62 33
1418	do.	Thos. J. Fay	do.	96 10
1419	do.	Fred Fender	do.	97 92
1420	do.	Louis Fender	do.	68 42
1421	do.	John Fiscus	do.	92 00
1422	do.	J. J. Fiscus	do.	60 26
1423	do.	F. Fogarty	do.	53 97
1424	do.	W. Fogarty	do.	53 70
1425	do.	Guy Fox	do.	74 52
1426	do.	T. F. Franklin	do.	62 26
1427	do.	C. Y. Freeman	do.	62 04
1428	do.	V. S. Glenn	do.	51 04
1429	do.	W. H. Graybeal	do.	65 10
1430	do.	Sell Hamlin	do.	57 20
1431	do.	Sam Hanson	do.	70 67
1432	do.	Ed Hargan	do.	70 38
1433	do.	L. T. Heinz	do.	64 57
1434	do.	Harry Higgins	do.	89 60
1435	do.	Chas. Hill	do.	98 28
1436	do.	W. G. Hixon	do.	51 20
1437	do.	F. Hoover	do.	60 94
1438	do.	Ross Hutton	do.	60 72
1439	do.	Frank Irvine	do.	73 83
1440	do.	Jas. Irvine	do.	56 38
1441	do.	A. L. Johnson	do.	54 18
1442	do.	Chas. Johnson	do.	60 90
1443	do.	Margaret Jones	do.	40 80
1444	do.	E. W. Justus	do.	108 00
1445	do.	E. Johns	do.	65 73
1446	do.	Fred Langhoff	do.	62 10
1447	do.	A. C. Litton	do.	56 98
1448	do.	J. F. Long	do.	81 84

## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
1448	1915	A. Langhoff	Wages, August, 1915.	\$ 79 95
Sept. 8				
1449	do.	Roy Long	do.	68 75
1450	do.	H. H. Mahoney	do.	61 71
1451	do.	D. L. Moody	do.	67 76
1452	do.	O. E. Meenach	do.	61 41
1453	do.	O. L. Mendemall	do.	47 88
1454	do.	Dan Meneely	do.	60 26
1455	do.	C. M. Miller	do.	44 96
1456	do.	P. O. Moore	do.	47 20
1457	do.	Rebecca Morgan	do.	44 20
1458	do.	Jesse Myers	do.	61 44
1459	do.	A. J. McAlister	do.	43 82
1460	do.	Jas. McCullough	do.	61 38
1461	do.	Frances E. McCullough	do.	32 80
1462	do.	W. J. McSadden	do.	52 80
1463	do.	W. J. McFarland	do.	71 82
1464	do.	J. E. Newton	do.	57 82
1465	do.	A. J. Nickelson	do.	60 78
1466	do.	C. M. Oils	do.	60 27
1467	do.	R. A. Palleyman	do.	49 23
1468	do.	F. M. Perry	do.	56 58
1469	do.	Nick Peterson	do.	52 58
1470	do.	J. F. Furkins	do.	106 76
1471	do.	Ed Richards	do.	29 75
1472	do.	Mary Ryan	do.	43 40
1473	do.	A. Seerys	do.	125 84
1474	do.	W. J. Smith	do.	52 74
1475	do.	L. C. Sinter	do.	75 75
1476	do.	Frank Stahler	do.	57 12
1477	do.	L. M. Stearns	do.	40 94
1478	do.	William Templein	do.	80 90
1479	do.	E. J. Thompson	do.	63 48
1480	do.	L. F. Thilsson	do.	60 00
1481	do.	George Toy	do.	54 73
1482	do.	Geo. Turner	do.	92 33
1483	do.	A. Warbler	do.	66 93
1484	do.	Ed. Warkindy	do.	8 20
1485	do.	Wm. Wilde	do.	51 20
1486	do.	Oto West.	do.	60 50
1487	do.	Oto Utterback	do.	100 00
1488	do.	L. O. Bernard	do.	143 00
1489	do.	A. Beyle	do.	95 00
1490	do.	W. H. Boyer	do.	90 00
1491	do.	F. M. Bocher	do.	117 00
1492	do.	T. H. Miller	do.	55 00
1493	do.	B. F. McDaniell	do.	85 20
1494	do.	Carl Nephlock	do.	46 35
1495	do.	E. W. Preson	do.	46 60
1496	do.	G. Rittenhouse	do.	88 60
1497	do.	Martin Sandwell	do.	46 35
1498	do.	Lloyd Snock	do.	88 60
1499	do.	Rimer Stratton	do.	60 00
1500	do.	Gus Strum	do.	95 33
1501	do.	Oto Sweatnagen	do.	65 25
1502	do.	J. H. Vandeverter	do.	64 68
1503	do.	T. Wells	do.	92 00
1504	do.	A. C. Speedie	do.	61 20
1505	do.	Wesley Wilson	do.	88 60
1506	do.	Walter Wyngler	do.	88 60
1507	do.	C. J. Welch	do.	60 00
1508	do.	A. J. Booker	do.	140 00
1509	do.	M. C. Bocher	do.	88 40
1510	do.	Jas. Casad	do.	88 60
1511	do.	Frank Clancy	do.	120 00
1512	do.	Bert Clark	do.	114 75
1513	do.	J. D. Craig	do.	62 32
1514	do.	C. M. Davis	do.	82 60
1515	do.	C. A. Dunneih	do.	80 80
1516	do.	M. Felgner	do.	56 20
1517	do.	Paul Fox	do.	62 32
1518	do.	Chas. Gundlock	do.	80 80
1519	do.	T. J. Kenney	do.	67 50
1520	do.	J. A. J. Klein	do.	71 61
1521	do.	Otto Kreigl	do.	59 00
1522	do.	William Langhoff	do.	78 90
1523	do.	Thuman Mathews	do.	83 60
1524	do.	Amos Wright	do.	90 00
1525	do.	C. W. Bullard	do.	125 00

## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
1520	1915			
1526	Sept. 3	C. L. Gustafson	Wages, August, 1915	\$ 130 00
1527	..do..	E. R. Math	..do..	133 33
1528	..do..	R. L. Kelley	..do..	125 00
1529	..do..	W. H. Kuhn	..do..	75 00
1530	..do..	L. O. Stocker	..do..	110 40
1531	..do..	W. A. Mason	..do..	50 00
1532	..do..	William Hix	Teaming, August, 1915	127 50
1533	..do..	M. E. Thompson, Cashier	General labor	101 48
1534	Sept. 8	W. B. Day, Actuary	Petty expenses	24 69
1535	..do..	J. D. White	Stamped envelopes	42 48
1536	..do..	Laura B. Evans	Traveling expenses	12 02
1537	..do..	Twin City Roofing Co.	Repair work	297 63
1538	..do..	Leavitt Mig. Co.	Guards	29 63
1539	..do..	Miller-Bryant-Pierce Co.	Granite	5 88
1540	..do..	Graham Paper Co.	Office supplies	42 86
1541	..do..	M. E. Thompson, Cashier	Sundry bills	46 70
1542	..do..	Hollis & Duncan, Inc.	Office supplies	9 96
1543	..do..	American Clip Co.	Clips	2 25
1544	..do..	A. C. McClurg & Co.	Waste baskets	7 90
1545	..do..	M. E. Thompson, Cashier	General labor	742 09
1546	..do..	M. E. Thompson, Cashier	Freight bills	91 94
1547	Sept. 10	F. K. Robeson	Magic lye	13 20
1548	..do..	M. E. Thompson, Cashier	Student labor	111 13
1549	..do..	American Can Co.	Dust pans	3 63
1550	..do..	M. E. Thompson, Cashier	Payments to milk patrons	293 99
1551	..do..	The Commanding Officer Rock Island Arsenal	Military supplies	7 38
1552	..do..	N. B. Garver	Traveling expenses	3 10
1553	..do..	M. E. Thompson, Cashier	Payments to milk patrons	164 51
1554	Sept. 13	M. E. Thompson, Cashier	..do..	113 39
1555	..do..	M. E. Thompson, Cashier	..do..	42 25
1556	..do..	The Frederick Post Co.	Office supplies	20 40
1557	..do..	W. S. Bayley	Incidentals	1 75
1558	..do..	Stella M. Hague	Laboratory supplies	2 55
1559	..do..	Ernst Hertzberg & Sons	Books	1 10
1560	Sept. 15	M. E. Thompson, Cashier	Bills paid	28 60
1561	..do..	M. E. Thompson, Cashier	Labor pay roll	644 55
1562	..do..	Franklin Desk Factory	Desk	20 00
1563	..do..	Sweet Wallach & Co.	Lantern slides	18 62
1564	..do..	Geo. Murphy, Inc.	Chemicals	73 96
1565	..do..	M. E. Thompson, Cashier	Bills paid	52 12
1566	..do..	E. F. Torgerson	Traveling expenses	6 98
1567	..do..	Massel S.	Wages, August, 1915	58 50
1568	..do..	Ruark, Fred	..do..	48 40
1569	..do..	Van Ostrand, O. R.	..do..	51 97
1570	..do..	Yeaw, J. J.	..do..	49 20
1571	..do..	Parris, F. H.	..do..	57 20
1572	Sept. 18	Edmund J. James	Traveling expenses	4,141 28
1573	..do..	Coldwell Lawn Mower Co.	Mower supplies	1 84
1574	..do..	Vaughan's Seed Store	Seeds	1 45
1575	..do..	Mott Iron Works	Drinking fountain	30 02
1576	..do..	R. J. Fitzsimons	Autochrom plates	12 30
1577	..do..	G. Gennert	Plate holders	2 40
1578	..do..	Bausch & Lomb Optical Co.	Camera	49 50
1579	..do..	Wm. H. Browne	Dental salaries	205 76
1580	..do..	M. E. Thompson, Cashier	Payments made to milk patrons	252 94
1581	..do..	C. H. Havens	Salary, September, 1915	133 33
1582	..do..	Morris Murphey	..do..	110 00
1583	..do..	T. J. Showers	..do..	133 33
1584	..do..	W. J. Smith	..do..	120 00
1585	..do..	M. E. Thompson, Cashier	Bills paid	441 61
1586	..do..	M. E. Thompson, Cashier	General labor bills	181 91
1587	..do..	Joel A. Sperry	Typewriter	6 94
1588	..do..	S. M. Yeazel, Homer	Creamery	3 40
1589	..do..	M. B. Allen, Homer	..do..	3 54
1590	..do..	F. Stodden, Homer	..do..	2 70
1591	..do..	C. R. Beavers, Homer	..do..	4 02
1592	..do..	B. Jordoa, Savoy, R. F. D. No. 66	..do..	4 21
1593	..do..	C. Ross, Savoy, R. F. D. No. 66	..do..	1 19
1595	..do..	T. F. Jordan, Savoy, R. F. D. No. 66	..do..	4 61
1595	..do..	R. A. Wooters, Urbana, R. F. D. No. 9	..do..	2 68
1596	..do..	J. Jarrett, Urbana, R. F. D. No. 8	..do..	1 73
1597	..do..	James Noble, Urbana, R. F. D. No. 10	..do..	3 56
1598	..do..	Frank Watson, Muncie	..do..	2 11
1599	..do..	L. A. Peters, Muncie	..do..	3 65
1600	..do..	C. M. Smook, Fisher	..do..	3 59
1601	..do..	Earl Dickson, Fithian	..do..	3 48
1602	..do..	Joseph Mounts, Rantoul	..do..	5 43

## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date	To whom.	For what.	Amount.
	1915			
1603	Sept. 18	Hartley Shields, Dewey	Creamery	\$ 3 89
1604	..do.	Geo. R. Evans, Dewey	..do.	3 29
1605	..do.	J. F. Rankin, Sidney	..do.	2 62
1606	..do.	Wm. P. Walsh, Ludlow	..do.	4 10
1607	..do.	F. A. Noftz, Pesotum	..do.	2 56
1608	Sept. 21	M. E. Thompson, Cashier	General labor bills	814 78
1609	..do.	M. E. Thompson, Cashier	Payments to milk patrons	106 12
1610	..do.	C. B. Richard & Co.	Freight	17 48
1611	..do.	Chas. M. Webber, Postmaster	Mailing bulletins	50 00
1612	..do.	Pittsburgh Plate Glass Co.	Glass	13 68
1613	..do.	Geo. B. Carpenter & Co.	General supplies	9 93
1614	..do.	Crane Co.	Valves and couplings	10 88
1615	..do.	Percival & Moorehead	Building apparatus	1 40
1616	..do.	Independent Paint & Color Co.	Paint	76 80
1617	..do.	American Steam Pump Co.	Marsh pump	3 56
1618	..do.	The Emerson Electric Mfg. Co.	Repairing	9 79
1619	..do.	American Steam Pump Co.	Pump supplies	15 28
1620	..do.	Hoosier Mfg. Co.	Oil soap	24 25
1621	..do.	H. Mueller Mfg. Co.	Hose cocks and bibbs	51 90
1622	..do.	Taylor Hardware Co.	Nails	19 35
1623	..do.	F. P. Smith Wire & Iron Works	Steel wicket	9 00
1624	..do.	The Eagle White Lead Co.	White lead	37 84
1625	..do.	L. S. Starrett Co.	Saw blades	6 01
1626	..do.	F. K. Robeson	Lye	17 70
1627	..do.	Stromberg Electric Co.	Repair time stamps	11 19
1628	..do.	Central Electric Co.	Desk lights	10 00
1629	..do.	Detroit Copper & Brass Rolling Mills	Brass wire	4 45
1630	..do.	The Caldwell Co.	Mazdas	62 61
1631	..do.	The Hancock Inspirator Co.	Valves	28 75
1632	..do.	Metzler & Schafer Co.	Flour	1 75
1633	..do.	Green Engineering Co.	Screws	3 20
1634	..do.	Buffalo Meter Co.	Meter	42 00
1635	..do.	Automatic Electric Co.	Electrical supplies	180 00
1636	..do.	H. W. Johns-Manville Co.	Asbestos paper	2 75
1637	..do.	Edward Smith & Co.	Floor varnish	50 33
1638	..do.	Corbin Cabinet Lock Co.	Keys	5 03
1639	..do.	Western Kieley Steam Specialty Co.	Rubber deaphragms	9 10
1640	..do.	North Bangor Slate Co.	Slate	6 48
1641	..do.	E. Grove	Dairy office	1 38
1642	..do.	Lou Creiger	..do.	1 92
1643	..do.	Eli Grove	..do.	2 84
1644	..do.	John McCullough	..do.	61
1645	..do.	M. Hudson	..do.	2 00
1646	..do.	Geo. Schiff	..do.	1 62
1647	..do.	J. E. Henderson	..do.	1 63
1648	..do.	P. P. Dunn	..do.	1 72
1649	..do.	C. C. Gordon	..do.	2 01
1650	..do.	W. S. Hopkins	..do.	70
1651	..do.	J. D. Perckham, Homer	..do.	3 65
1652	..do.	Harvey Ray, Homer	Creamery	2 19
1653	..do.	W. E. Yount, Homer	..do.	4 46
1654	..do.	Van Carter, Homer	..do.	4 59
1655	..do.	Chas. Wilson, Homer	..do.	2 08
1656	..do.	A. Sadler, Fithian	..do.	2 78
1657	..do.	J. B. Skinner, Fithian	..do.	3 08
1658	..do.	Z. Alsip, Ogden	..do.	2 32
1659	..do.	Champaign Creamery, Champaign	..do.	4 77
1660	..do.	D. A. Silver, Urbana, R. F. D. No. 11	..do.	1 51
1661	..do.	C. E. Hopkins, Tontit	..do.	4 38
1662	..do.	G. W. Van Meter, Savoy	..do.	3 70
1663	..do.	J. W. Rayburn, Bondville	..do.	6 22
1664	Sept. 22	American Can Co.	Janitor's supplies	24 46
1665	..do.	Chicago Fire Brick Co.	Pyropaste	71 20
1666	..do.	Taylor Hardware Co.	General supplies	19 25
1667	..do.	John B. Bennett	Sewer pipes	26 40
1668	..do.	Evans & Howard Fire Brick Co.	Balance of voucher G-640	1 00
1669	..do.	Indianapolis Paint & Color Co.	Paints	128 60
1670	..do.	The Babcock & Wilcox Co.	Tubes	165 24
1671	..do.	Central Electric Co.	Okonite	180 00
1672	..do.	F. K. Robeson	Gold dust	17 00
1673	..do.	Bacon Brothers	General supplies	9 84
1674	..do.	Green Engineering Co.	Truck wheel	1 91
1675	..do.	Twin City Roofing Co.	Tin work	24 10
1676	..do.	J. Spaulding & Sons	Fibre tubing	12 60
1677	..do.	The Standard Paint Co.	Paint	3 75
1678	..do.	The Justrite Mfg. Co.	..do.	9 00
1679	..do.	Ft. Wayne Electric Co.	Motor	33 01
1680	..do.	Illinois State Penitentiary	Brooms	15 42

## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1915			
1681	Sept. 22	Eisner Grocery Co.	Salt.	\$ 1 40
1682	..do.	Manning Sand Paper Co.	Emery cloth.	9 44
1683	..do.	American Radiator Co.	Valves.	34 29
1684	..do.	W. Lewis & Co.	Shades.	9 40
1685	..do.	The Chapman Valve Mfg. Co.	Spindle.	1 60
1686	..do.	Manhattan Electric Supply Co.	Wire.	65 72
1687	..do.	Watson Mfg. Co.	Frame screens.	11 00
1688	..do.	Schellert Mfg. Co.	Asbestos gaskets.	80 87
1689	..do.	Schermerhorn Brothers Co.	Mops.	36 00
1690	..do.	Devos & Reynolds Co.	White enamel.	10 00
1691	..do.	The Cudahy Packing Co.	Soap.	15 75
1692	..do.	Automatic Electric Co.	Iron rack.	708 59
1693	..do.	National Association of State Universities.	Membership dues.	15 00
1694	..do.	E. V. Percival.	Dairy office.	1 78
1695	..do.	T. P. Lyons.	..do.	2 27
1696	..do.	H. I. Nelson.	..do.	1 57
1697	..do.	A. R. Grindley.	..do.	3 75
1698	..do.	Tom Richards, Homer.	Creamery.	3 40
1699	..do.	A. G. Krukewitt, Homer.	..do.	4 51
1700	..do.	W. D. Rohl, Homer.	..do.	5 51
1701	..do.	John W. Hillard, Homer.	..do.	5 29
1702	..do.	Lou Libka, Homer.	..do.	3 24
1703	..do.	John Rueb, Fithian.	..do.	2 89
1704	..do.	Macy Bros., Fithian.	..do.	3 62
1705	..do.	Guy Hobick, Fithian.	..do.	4 37
1706	..do.	B. Jordon, Savoy, R. F. D. No. 66.	..do.	5 51
1707	..do.	T. F. Jordon, Savoy, R. F. D. No. 66.	..do.	4 89
1708	..do.	C. E. Fisher, Savoy, R. F. D. No. 66.	..do.	2 27
1709	..do.	W. J. Kelly, Loda.	..do.	2 82
1710	..do.	Silas Roland, Loda.	..do.	3 85
1711	..do.	S. G. Richards, Muncie.	..do.	2 97
1712	..do.	F. B. Seiner, Muncie.	..do.	2 70
1713	..do.	F. Watson, Muncie.	..do.	1 94
1714	..do.	F. Nofitz, Pesotum.	..do.	2 70
1715	..do.	Ray Freeman, Ogden.	..do.	1 00
1716	..do.	J. A. R. Koch, Mayview.	..do.	3 94
1717	..do.	S. P. Cary, White Heath.	..do.	1 57
1718	..do.	Mattie Trimmell, Oakwood.	..do.	4 67
1719	..do.	Robert Graham.	Dairy office.	7 22
1720	..do.	David Wilkins.	..do.	1 40
1721	..do.	Geo. Schiff.	..do.	2 35
1722	..do.	E. Grove.	..do.	1 81
1723	..do.	Lou Creiger.	..do.	3 16
1724	..do.	Ell Grove.	..do.	2 94
1725	..do.	C. C. Gordon.	..do.	2 35
1726	..do.	R. T. Lumsden.	..do.	3 89
1727	..do.	R. A. Lumsden.	..do.	1 11
1728	..do.	T. M. Ghers, Homer.	Creamery.	4 21
1729	..do.	John A. Bruhn, Homer.	..do.	4 75
1730	..do.	Dale Price, Homer.	..do.	3 73
1731	..do.	J. A. Morgan, Homer.	..do.	3 89
1732	..do.	F. Stodden, Homer.	..do.	4 78
1733	..do.	F. W. Howell, Homer.	..do.	3 89
1734	..do.	Alf Ott, Homer.	..do.	3 35
1735	..do.	C. F. McClure, Fithian.	..do.	3 16
1736	..do.	Harry Sperry, Fithian.	..do.	3 65
1737	..do.	May Diggs, Fithian.	..do.	3 02
1738	..do.	J. B. Skinner, Fithian.	..do.	2 94
1739	..do.	C. G. Plotner, Fithian.	..do.	4 19
1740	..do.	J. D. Pullian, Fithian.	..do.	3 75
1741	..do.	J. H. Evans, Dewey.	..do.	3 86
1742	..do.	A. Shields, Dewey.	..do.	5 04
1743	..do.	Henry Reinhart, Dewey.	..do.	4 32
1744	..do.	J. W. Rayburn, Bondville.	..do.	5 27
1745	..do.	C. C. Rayburn, Bondville.	..do.	4 37
1746	..do.	W. J. Wilson, Ogden.	..do.	2 43
1747	..do.	M. Hudson, Urbana, R. F. D. No. 12.	..do.	3 89
1748	..do.	W. C. Welsh, Urbana, R. F. D. No. 12.	..do.	1 78
1749	..do.	C. M. Snook, Fisher.	..do.	3 75
1750	..do.	J. W. Rhoades, Fisher.	..do.	4 59
1751	..do.	C. E. Hopkins, Tonti.	..do.	3 91
1752	..do.	J. A. R. Koch, Mayview.	..do.	2 92
1753	..do.	R. B. Hubbard, Monticello.	..do.	2 00
1754	Sept. 24	Stoltey's Garage.	Incidentals.	16 50
1755	..do.	M. E. Thompson, Cashier.	Rebates to students.	431 25
1756	..do.	M. E. Thompson, Cashier.	Student labor.	453 95
1757	..do.	M. E. Thompson, Cashier.	Labor bills.	560 46
1758	..do.	White Line Steam Laundry.	Laundry.	14 06



## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1915			
1759	Sept. 24	American Federation of Arts.....	Membership.....	\$ 10 00
1760	do.	John B. Bennett.....	Sewer pipes.....	4 20
1761	do.	N. H. Larry.....	Labor.....	112 00
1762	do.	Stipes & Hecker.....	Lime.....	2 30
1763	do.	S. M. Yeazel, Homer.....	Creamery.....	4 10
1764	do.	Van Carter, Homer.....	do.....	4 91
1765	do.	Ed. Smith, Homer.....	do.....	4 43
1766	do.	W. E. Satterfield, Homer.....	do.....	4 59
1767	do.	M. B. Allen, Homer.....	do.....	3 35
1768	do.	J. Van Burkirk, Fithian.....	do.....	1 08
1769	do.	Earl Dickson, Fithian.....	do.....	3 51
1770	do.	John Rueb, Fithian.....	do.....	3 32
1771	do.	J. F. Francis, Fithian.....	do.....	4 70
1772	do.	James Freeman, Fithian.....	do.....	2 05
1773	do.	W. E. Womacks, Ogden.....	do.....	2 54
1774	do.	H. Denhart, Ogden.....	do.....	3 86
1775	do.	B. Jordan, Savoy, R. F. D. No. 66.....	do.....	4 58
1776	do.	C. E. Jordan, Savoy, R. F. D. No. 66.....	do.....	2 67
1777	do.	C. E. Ross, Savoy.....	do.....	3 24
1778	do.	Clyde Fisher, Savoy.....	do.....	1 59
1779	do.	Mary Warner, Mahomet.....	do.....	3 36
1780	do.	Richard Johnson, Loda.....	do.....	3 26
1781	do.	C. J. Kissacks, Armstrong.....	do.....	2 90
1782	do.	Frank Watson, Muncie.....	do.....	4 67
1783	do.	Estate of Donald McIntosh.....	do.....	3 24
1784	Sept. 28	Estate of Donald McIntosh.....	Salary, September, 1915.....	145 83
1785	do.	Ada M. Martin.....	do.....	66 66
1786	do.	R. E. Jones.....	do.....	75 00
1787	do.	Alvin Romelser.....	do.....	50 00
1788	do.	W. E. Evans.....	do.....	90 00
1789	do.	E. O. Fontaine.....	do.....	36 00
1790	do.	Gordon Klien.....	do.....	18 00
1791	do.	Margaret Williams.....	do.....	48 00
1792	do.	W. L. Burlison.....	do.....	216 66
1793	do.	W. A. Morkel.....	do.....	25 00
1794	do.	Harold Gosser.....	do.....	37 50
1795	do.	Gretta Gray.....	do.....	108 33
1796	do.	L. E. Dillenbach.....	do.....	100 00
1797	do.	W. M. Stanton.....	do.....	120 00
1798	do.	A. V. Bleininger.....	do.....	500 00
1799	do.	B. S. Radcliffe.....	do.....	150 00
1800	do.	J. W. Davis.....	do.....	140 00
1801	do.	P. L. Bayley.....	do.....	50 00
1802	do.	L. C. Bernard.....	do.....	100 00
1803	do.	M. E. Thompson, Cashier.....	Bills paid.....	8 18
1804	do.	T. A. Clark.....	Traveling expenses.....	12 84
1805	do.	Annie Utterback.....	Scrim and curtains.....	2 00
1806	do.	Alebrene Stone Co.....	Stone.....	8 75
1807	do.	M. E. Thompson, Cashier.....	Labor bills.....	703 46
1808	do.	G. E. Forbes.....	Salary, September, 1915.....	150 00
1809	do.	F. C. Hahn.....	do.....	10 00
1810	do.	L. C. Johnson.....	do.....	90 00
1811	do.	J. B. Brown.....	do.....	30 00
1812	do.	H. J. Weiland.....	do.....	60 00
1813	do.	L. S. Wells.....	do.....	30 00
1814	do.	R. P. Robinson.....	do.....	30 00
1815	do.	J. M. Phelps.....	do.....	100 00
1816	do.	R. B. Weirich.....	do.....	120 00
1817	do.	Beatrice Copley.....	do.....	50 00
1818	do.	M. J. Curl.....	do.....	140 00
1819	do.	R. D. Glasgow.....	do.....	140 00
1820	do.	J. E. Miller.....	do.....	60 00
1821	do.	C. F. Green.....	do.....	30 00
1822	do.	Gerold Wichman.....	do.....	50 00
1823	do.	R. H. Kingman.....	do.....	35 00
1824	do.	Frances M. Baldwin.....	do.....	100 00
1825	do.	J. E. Kindred.....	do.....	30 00
1826	do.	E. L. McKenna.....	do.....	60 00
1827	do.	Mabelle Wright.....	do.....	100 00
1828	do.	F. T. Johnson.....	do.....	110 00
1829	do.	W. A. Mason.....	do.....	60 00
1830	do.	Westinghouse Electric & Mfg. Co.....	Gear train.....	2 70
1831	do.	J. D. White.....	Postage.....	436 00
1832	do.	E. Grove.....	Dairy office.....	1 94
1833	do.	Lou Creiger.....	do.....	3 16
1834	do.	Eli Grove.....	do.....	2 32
1835	do.	P. P. Dunn.....	do.....	1 86
1836	do.	Geo. Schiff.....	do.....	1 94

## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
1915				
1837	Sept. 28	J. E. Henderson	Dairy office	\$ 1 70
1838	do	R. S. McInnes	do	1 78
1839	do	C. C. Gordon	do	1 04
1840	do	Wm. Van Buskirk, Fithian	Creamery	4 10
1841	do	Allen Sadler, Fithian	do	2 43
1842	do	J. B. Skinner, Fithian	do	3 02
1843	do	John Rueb, Fithian	do	2 86
1844	do	Chas. Wilson, Homer	do	3 56
1845	do	Alf Ott, Homer	do	2 75
1846	do	Thos. Manning, Ogden	do	2 78
1847	do	G. B. Giddings, Ogden	do	4 05
1848	do	W. J. Wilson, Ogden	do	1 84
1849	do	C. M. Smook, Fisher	do	1 91
1850	do	W. L. Davis, Fisher	do	4 53
1851	do	G. W. Van Meter, Savoy	do	4 32
1852	do	A. Shields, Dewey	do	5 07
1853	do	C. E. Hopkins, Tonti	do	4 23
1854	do	S. Harriot, Seymour	do	3 24
1855	do	Thos. H. Barker, Bondville	do	3 43
1856	do	M. Hudson, Urbana, R. F. D. No. 12	do	2 32
1857	do	W. W. Meyers, Urbana, R. F. D. No. 12	do	3 35
1858	Sept. 29	R. R. Bowker Co	Trade list annual	20 00
1859	do	John H. Doyle	Concrete	4 50
1860	do	C. A. Kiler	Seats	1 25
1861	do	American Steel & Wire Co.	Concrete reinforcement	33 60
1862	do	Shapleigh Hardware Co.	Key blanks	3 00
1863	do	Crane	Flanges	2 70
1864	do	American Steam Pump Co.	Pump	13 65
1865	do	Crouse-Hinds Co.	Building equipment	29 48
1866	do	Wozencraft & Finder	General supplies	3 65
1867	do	Illinois Electric Co.	Electrical supplies	16 70
1868	do	Stipes & Hecker	Stone and screenings	130 00
1869	do	The Warner Elevator Co.	General supplies	9 50
1870	do	Vaughan's Seed Store	Seeds	61 30
1871	do	The Burr Co.	General supplies	72 55
1872	do	David Wilkins	Dairy office	1 40
1873	do	Lon Libka, Homer	Creamery	2 84
1874	do	W. E. Yount, Homer	do	3 54
1875	do	John W. Hillard, Homer	do	5 13
1876	do	T. M. Ghore, Homer	do	3 21
1877	do	Harvey Ray, Homer	do	1 89
1878	do	C. Harry, Fithian	do	2 89
1879	do	B. A. Peters, Fithian	do	4 32
1880	do	John Rueb, Fithian	do	2 78
1881	do	Guy Hobeck, Fithian	do	3 94
1882	do	E. C. Ross, Savoy, R. F. D. No. 66	do	1 54
1883	do	B. Jordon, Savoy, R. F. D. No. 66	do	3 56
1884	do	T. F. Jordon, Savoy, R. F. D. No. 66	do	4 78
1885	do	J. H. Evans, Dewey	do	2 94
1886	do	Hartley Shields, Dewey	do	3 80
1887	do	Z. Alsip, Ogden	do	2 57
1888	do	J. W. Rhoades, Fisher	do	4 61
1889	do	F. A. Nofftz, Pesotum	do	2 97
1890	do	F. B. Seiner, Muncie	do	2 38
1891	do	Joseph Mounts, Rantoul	do	5 18
1892	do	S. P. Cary, White Heath	do	3 75
1893	do	D. A. Silver, Urbana	do	2 08
1894	do	R. B. Hubbard, Monticello	do	3 97
1895	Sept. 30	Marie Freeman	Salary, September, 1915	50 00
1896	do	F. M. Lescher	do	112 73
1897	do	Edward Bartow	do	499 99
1898	do	Ralph Hilscher	do	125 00
1899	do	H. P. Corson	do	125 00
1900	do	W. F. Langlier, First National Bank, Champaign	do	125 00
1901	do	A. N. Bennett	do	75 00
1902	do	W. W. Hanford	do	70 00
1903	do	Mrs. Harriet L. B. Darling	do	73 13
1904	do	The Wabash R. R.	Freight	178 18
1905	do	The Wabash R. R., (Champaign)	do	2 86
1906	do	M. E. Thompson, Cashier	Rebates	394 25
1907	do	C. C. Gordon	Dairy office	1 40
1908	do	R. S. McInnes	do	1 35
1909	do	Geo. Schiff	do	2 32
1910	do	A. R. Grindley	do	3 40
1911	do	H. I. Nelson	do	3 46
1912	do	T. P. Lyons	do	1 78
1913	do	R. A. Lumsden	do	2 24

## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
1915				
1914	Sept. 30	R. T. Lumsden	Dairy office	\$ 5 62
1915	..do.	Earl Dickson, Fithian	Creamery	3 62
1916	..do.	C. F. McClure, Fithian	..do.	2 30
1917	..do.	May Diggs, Fithian	..do.	3 24
1918	..do.	J. D. Pullian, Fithian	..do.	3 70
1919	..do.	W. E. Womacks, Fithian	..do.	2 65
1920	..do.	J. D. Skinner, Fithian	..do.	2 81
1921	..do.	A. Sadler, Fithian	..do.	3 02
1922	..do.	Louie J. Weinke, Homer	..do.	4 48
1923	..do.	T. Richards, Homer	..do.	3 21
1924	..do.	Alf Ott, Homer	..do.	2 57
1925	..do.	F. Stodden, Homer	..do.	2 70
1926	..do.	Ed. Fisher, Ogden	..do.	3 83
1927	..do.	Edward Strock, Pesotum	..do.	1 91
1928	..do.	F. A. Nofftz, Pesotum	..do.	3 21
1929	..do.	Frank Knox, Mahomet	..do.	4 86
1930	..do.	C. E. Hopkins, Tontl.	..do.	3 39
1931	..do.	Geo. R. Evans, Dewey	..do.	3 64
1932	..do.	Peter H. Davis, Loda	..do.	2 23
1933	..do.	B. B. Moe, Sidney	..do.	3 40
1934	..do.	W. H. Ordeal, Philo	..do.	4 18
1935	..do.	J. A. R. Koch, Mayview	..do.	4 43
1936	..do.	Mattie Trimmell, Oakwood	..do.	5 64
1937	..do.	J. W. Rayburn, Bondville	..do.	5 43
1938	..do.	M. E. Thompson, Cashier	Student labor	61 00
1939	..do.	M. E. Thompson, Cashier	Bills paid	94 16
1940	..do.	B. E. Powell	Salary, September, 1915.	191 66
1941	..do.	F. W. Tanner	..do.	60 00
1942	..do.	F. A. Wyatt	..do.	100 00
1943	..do.	J. H. Oleweinee	..do.	30 00
1944	..do.	Gerard van Rossen	..do.	120 00
1945	..do.	R. W. Millar	..do.	10 00
1946	..do.	Margaret Hemenway	..do.	20 00
1947	..do.	W. B. Castenholz	Material furnished from University storeroom	2,522 65
1948	..do.	Wm. P. Corser	Wagon repairs	6 50
1949	..do.	The University of Illinois Supply Store	Office supplies	1 08
1950	..do.	W. B. Castenholz, Comptroller	Material furnished from University storeroom	165 26
1951	..do.	Keuffel & Esser Co.	Office supplies	269 76
1952	..do.	The Babcock & Wilcox Co.	Wages	75 78
1953	..do.	Jacksonville Creamery Co., Jacksonville	Creamery	6 00
1954	..do.	H. H. Krog, Mamouth	..do.	4 60
1955	..do.	Klingles & Coffin, Summer	..do.	2 20
1956	..do.	Fred F. Lockwood 1227 N. Gilbert St., Danville	..do.	2 30
1957	..do.	Peter J. Peterson, Round Lake	..do.	8 05
1958	..do.	W. F. Strain, LeRoy	..do.	3 75
1959	..do.	Carl Grnur, Amboy	..do.	12 97
1960	..do.	Carl Michelson, Bloomington	..do.	7 70
1961	..do.	A. H. Dowe, Milledgeville	..do.	4 60
1962	..do.	Carl Larson, Galesburg	..do.	5 75
1963	..do.	F. Szerlog, Quincy	..do.	1 10
1964	..do.	Newton Creamery, Newton	..do.	8 00
1965	..do.	C. H. Wilson, Mammoth	..do.	1 10
1966	..do.	O. w. Albright, Scales Mound	..do.	2 60
1967	..do.	Odin Christson, Nelsonville, Wis.	..do.	4 40
1968	..do.	Peter Domgard, Champaign	..do.	8 05
1969	..do.	H. E. Seigman, Bogota	..do.	8 05
1970	..do.	Ferdinand Grimm, Savanna	..do.	4 98
1971	..do.	A. Burghart, Chadwick	..do.	3 78
1972	..do.	Munn & Co.	Books	2 50
1973	..do.	Robert Buttrick & Son	..do.	2 20
1974	..do.	M. E. Applegate	Salary, September, 1915.	44 80
1975	..do.	W. M. Atwell	..do.	60 95
1976	..do.	J. E. Bailey	..do.	57 86
1977	..do.	V. R. Barnes	..do.	89 60
1978	..do.	Geo. Boyer	..do.	53 97
1979	..do.	John Brannigan	..do.	75 95
1980	..do.	J. E. Browning	..do.	63 00
1981	..do.	Harry Brown	..do.	63 14
1982	..do.	Basil Brown	..do.	64 80
1983	..do.	D. M. Bullock	..do.	63 25
1984	..do.	Thos. Butler	..do.	67 20
1985	..do.	Karl Cagan	..do.	64 00
1986	..do.	Rolla Carson	..do.	59 62
1987	..do.	J. Cassidy	..do.	47 20
1988	..do.	John Cedusky	..do.	76 56

## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1915			
1989	Sept. 30	J. W. Cheever.....	Salary, September, 1915.....	\$ 52 00
1990	do.	Bert Clark.....	do.....	53 55
1991	do.	A. L. Collins.....	do.....	59 22
1992	do.	B. F. Crackel.....	do.....	58 74
1993	do.	F. Crathorne.....	do.....	76 70
1994	do.	F. E. Crump.....	do.....	69 30
1995	do.	Jos. Davis.....	do.....	69 30
1996	do.	B. F. English.....	do.....	65 55
1997	do.	Fay, Thos. J.....	do.....	93 00
1998	do.	Fred Fender.....	do.....	84 48
1999	do.	Louis Fender.....	do.....	66 00
2000	do.	J. C. Fiscus.....	do.....	88 40
2001	do.	J. J. Fiscus.....	do.....	62 33
2002	do.	Frank Fogarty.....	do.....	51 66
2003	do.	Wm. Fogarty.....	do.....	53 70
2004	do.	Guy Fox.....	do.....	63 83
2005	do.	F. T. Franklin.....	do.....	55 22
2006	do.	C. Y. Freeman.....	do.....	59 84
2007	do.	V. S. Glenn.....	do.....	56 10
2008	do.	W. H. Graybeal.....	do.....	65 10
2009	do.	Sell Hamlin.....	do.....	57 20
2010	do.	Samuel Hanson.....	do.....	65 17
2011	do.	E. J. Hargan.....	do.....	68 03
2012	do.	L. T. Heinz.....	do.....	63 00
2013	do.	Harry Higgins.....	do.....	80 00
2014	do.	Chas. Hill.....	do.....	98 28
2015	do.	W. G. Hixon.....	do.....	48 80
2016	do.	F. F. Hoover.....	do.....	56 32
2017	do.	Ross Hutton.....	do.....	63 17
2018	do.	F. Irvine.....	do.....	70 40
2019	do.	Jas. Irvine.....	do.....	55 86
2020	do.	A. L. Johnson.....	do.....	52 08
2021	do.	C. C. Johnson.....	do.....	60 89
2022	do.	E. Johns.....	do.....	62 37
2023	do.	Margaret Jones.....	do.....	43 35
2024	do.	E. W. Justus.....	do.....	108 00
2025	do.	J. A. J. Klien.....	do.....	69 30
2026	do.	A. Langhoff.....	do.....	82 22
2027	do.	Fred Langhoff.....	do.....	63 48
2028	do.	A. C. Litton.....	do.....	62 04
2029	do.	J. P. Long.....	do.....	76 56
2030	do.	Roy Long.....	do.....	53 50
2031	do.	H. H. Mahorney.....	do.....	59 57
2032	do.	O. E. Meenach.....	do.....	62 10
2033	do.	O. L. Mendenhalle.....	do.....	51 03
2034	do.	Dan Meneely.....	do.....	61 64
2035	do.	C. M. Miller.....	do.....	57 86
2036	do.	D. L. Moody.....	do.....	62 48
2037	do.	P. O. Moore.....	do.....	49 20
2038	do.	Rebecca Morgan.....	do.....	42 50
2039	do.	Jesse Myers.....	do.....	59 28
2040	do.	A. J. McAlister.....	do.....	73 92
2041	do.	Jas. McCullough.....	do.....	60 72
2042	do.	Frances E. McClughen.....	do.....	44 20
2043	do.	W. J. McFadden.....	do.....	52 36
2044	do.	Wm. McFarland.....	do.....	51 50
2045	do.	J. R. Newton.....	do.....	71 28
2046	do.	C. M. Ollis.....	do.....	63 00
2047	do.	R. A. Palfreyman.....	do.....	57 96
2048	do.	F. H. Parris.....	do.....	60 83
2049	do.	F. M. Parry.....	do.....	63 02
2050	do.	Nick Peterson.....	do.....	55 44
2051	do.	J. F. Purkins.....	do.....	57 64
2052	do.	Chas. Redman.....	do.....	72 00
2053	do.	Ed. Richards.....	do.....	100 80
2054	do.	Mary Ryan.....	do.....	38 25
2055	do.	Fred Ruark.....	do.....	44 70
2056	do.	A. Servie.....	do.....	59 11
2057	do.	J. C. Snider.....	do.....	51 66
2058	do.	Frank Stateier.....	do.....	69 69
2059	do.	L. M. Stearns.....	do.....	51 03
2060	do.	E. C. Stratton.....	do.....	73 66
2061	do.	Otto Swearingen.....	do.....	57 20
2062	do.	Wm. Templin.....	do.....	91 60
2063	do.	H. L. Thompson.....	do.....	55 20
2064	do.	I. F. Tillotson.....	do.....	69 50
2065	do.	Geo. Toy.....	do.....	63 02
2066	do.	Geo. Turner.....	do.....	63 02

## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
1915				
2067	Sept. 30	O. J. Utterback	Salary, September, 1915.	\$ 38 74
2068	do.	A. Warmbler	do.	84 00
2069	do.	Wm. Wilde	do.	96 00
2070	do.	N. Felger	do.	47 80
2071	do.	Felix Fox	do.	61 42
2072	do.	E. W. Presson	do.	31 00
2073	do.	Lloyd Smock	do.	59 30
2074	do.	Gus Strum	do.	65 25
2075	do.	Robert Aniszewski	do.	7 00
2076	do.	John S. Beltz	do.	5 40
2077	do.	Geo. Courtney	do.	6 00
2078	do.	Alva J. Gideon	do.	3 60
2079	do.	Ernst Kiechler	do.	3 60
2080	do.	G. Lathrop	do.	5 88
2081	do.	L. N. Hulman	do.	6 88
2082	do.	D. E. Miller	do.	49 25
2083	do.	Wm. Lathrop	do.	41 20
2084	do.	Adrain Lindley	do.	1 00
2085	do.	Walter Means	do.	2 00
2086	do.	A. R. Moore	do.	6 00
2087	do.	L. C. McCaskill	do.	6 00
2088	do.	A. C. Schneider	do.	12 20
2089	do.	E. F. Sharp	do.	3 20
2090	do.	Alfred Spates	do.	3 60
2091	do.	W. W. Stockton	do.	11 40
2092	do.	F. M. VanNatter	do.	6 60
2093	do.	Morris Munson	do.	4 80
2094	do.	Frank Stuart	do.	2 80
2095	do.	A. L. Barnes	do.	35 80
2096	do.	Earl Garver	do.	7 60
2097	do.	C. F. Goodman	do.	41 23
2098	do.	Chas. B. Fries	do.	60 10
2099	do.	Frank Leggett	do.	22 10
2100	do.	S. A. Nabel	do.	12 00
2101	do.	C. A. Nichols	do.	16 20
2102	do.	Wm. Hix	do.	46 00
2103	do.	John Breidis	do.	150 00
2104	do.	A. I. Brown	do.	18 50
2105	do.	Esler Brumger	do.	58 00
2106	do.	N. C. L. Bess	do.	9 75
2107	do.	F. M. Shenson	do.	10 35
2108	do.	L. J. Dwyer	do.	15 90
2109	do.	C. G. Howard	do.	10 50
2110	do.	F. H. Armstrong	do.	5 60
2111	do.	Edna Hedrick	do.	32 00
2112	do.	Henry Kamp	do.	14 70
2113	do.	Adolph Pauli	Wages, September, 1915.	2 80
2114	do.	Michael Velma Janison	do.	4 40
2115	do.	Irma Houiser	do.	4 20
2116	do.	Russel Castle	do.	2 20
2117	do.	L. D. Bunting	do.	8 20
2118	do.	L. J. Henrich	do.	9 75
2119	do.	C. A. Drake	do.	9 80
2120	do.	C. Mable Smith	do.	2 80
2121	do.	Pauline Osborne	do.	2 80
2122	do.	C. A. Drake	do.	4 80
2123	do.	R. W. Schoeder	do.	3 20
2124	do.	Mary B. Sheridan	do.	2 00
2125	do.	Ellis Tillotson	do.	80
2126	do.	E. D. Hohman	do.	3 80
2127	do.	D. F. Fleming	do.	4 00
2128	do.	E. Fontaine	do.	6 10
2129	do.	Francois Klank	do.	2 40
2130	do.	A. Avastasiades	do.	3 80
2131	do.	R. H. Brooks	do.	4 60
2132	do.	C. G. Fonik	do.	6 40
2133	do.	J. K. Prim	do.	6 75
2134	do.	Obert Beatty	do.	21 33
2135	do.	Raymond Britt	do.	7 40
2136	do.	Glenn F. Griffin	do.	4 80
2137	do.	H. Reichelderfer	do.	8 20
2138	do.	F. E. Cavette	do.	4 60
2139	do.	Walter Wampler	do.	40 00
2140	do.	Otto Wresf.	do.	56 00
2141	do.	Amos Wright	do.	46 40
2142	do.	J. J. Yeaw	do.	92 00
2143	do.			43 60
2144	do.			

## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1915			
2143	Sept. 30	Ed. Wharmby	Wages, September, 1915.	\$ 67 85
2146	do.	A. Bevis	do.	143 00
2147	do.	A. J. Booker	do.	90 00
2148	do.	M. C. Booher	do.	82 40
2149	do.	Jas. Casad	do.	120 00
2150	do.	Frank Clancy	do.	101 25
2151	do.	J. D. Craig	do.	68 40
2152	do.	C. M. Davis	do.	68 95
2153	do.	C. A. Dunseth	do.	93 60
2154	do.	Chas. Gundlock	do.	73 60
2155	do.	Timothy Kenney	do.	62 50
2156	do.	Otto Kreigl	do.	45 00
2157	do.	W. J. Langhoff	do.	60 60
2158	do.	Thurman Mathews	do.	52 80
2159	do.	J. H. Miller	do.	108 58
2160	do.	B. F. McDaniel	do.	51 00
2161	do.	Carl Neblock	do.	78 75
2162	do.	Smith Randolph	do.	66 80
2163	do.	G. Rittenhouse	Salary, September, 1915.	45 00
2164	do.	Martin Sandwell	do.	88 40
2165	do.	A. C. Speedie	do.	90 00
2166	do.	O. E. VanOstrand	do.	22 72
2167	do.	J. H. Vandiver	do.	92 00
2168	do.	T. E. Wells	do.	60 80
2169	do.	Wesley Wilson	do.	90 00
2170	do.	Frank Wiltz	do.	42 50
2171	do.	C. J. Welch	do.	140 00
2172	do.	E. R. Math	do.	133 33
2173	do.	R. L. Kelley	do.	135 00
2174	do.	C. L. Gustafson	do.	110 00
2175	do.	C. W. Bullard	do.	125 00
2176	Oct. 2	The Cleveland Grain Co.	Grain	1,035 00
2177	do.	Geo. Hurst, Homer	Creamery	4 54
2178	do.	Van Carter, Homer	do.	5 18
2179	do.	John A. Bruhn, Homer	do.	4 20
2180	do.	Lou Libka, Homer	do.	2 69
2181	do.	W. D. Rohl, Homer	do.	5 04
2182	do.	B. Jordan, Savoy, R. F. D. No. 66	do.	4 20
2183	do.	Clyde Fisher, Savoy, R. F. D. No. 66	do.	2 77
2184	do.	T. F. Jordon, Savoy, R. F. D. No. 66	do.	3 72
2185	do.	W. J. Kelly, Loda	do.	3 43
2186	do.	Silas Roland, Loda	do.	3 21
2187	do.	J. W. Rhoades, Fisher	do.	4 73
2188	do.	C. M. Smook, Fisher	do.	3 47
2189	do.	J. F. Francis, Fithian	do.	4 59
2190	do.	A. S. Shields, Dewey	do.	5 29
2191	do.	John W. Brein, Sidney	do.	4 16
2192	do.	Mary Warner, Mahomet	do.	2 38
2193	do.	L. F. Bialeschki, Pesotum	do.	2 16
2194	do.	Wm. P. Walsh, Ludlow	do.	3 81
2195	do.	Frank Watson, Muncie	do.	3 98
2196	Oct. 4	E. Grove	Dairy office.	2 83
2197	do.	Eli Grove	do.	4 65
2198	do.	Lou Creiger	do.	4 70
2199	do.	J. E. Henderson	do.	1 67
2200	do.	Geo. Schiff	do.	1 96
2201	do.	P. P. Dunn	do.	2 07
2202	do.	R. S. McInnes	do.	1 61
2203	do.	C. C. Gordon	do.	1 52
2204	do.	Dale Price, Homer	Creamery	3 42
2205	do.	Chas. Wilson, Homer	do.	4 26
2206	do.	T. M. Ghere, Homer	do.	4 14
2207	do.	Earl Dikson, Fithian	do.	3 81
2208	do.	John Rueb, Fithian	do.	3 30
2209	do.	Harry Sperry, Fithian	do.	3 39
2210	do.	J. B. Skinner, Fithian	do.	3 11
2211	do.	Z. Alsip, Ogden	do.	2 88
2212	do.	W. J. Wilson, Ogden	do.	2 44
2213	do.	G. W. Van Meter, Savoy	do.	4 87
2214	do.	J. Noble, Urbana, R. F. D. No. 10	do.	4 31
2215	do.	E. C. Hopkins, Tonti	do.	4 56
2216	do.	J. A. R. Koch, Mayview	do.	3 11
2217	do.	S. G. Richards, Muncie	do.	2 63
2218	do.	C. C. Rayburn, Bondville	do.	6 69
2219	do.	H. Feltham, 505 E. Stoughton St., Cham.	do.	94
2220	do.	Robert Graham, Urbana, R. F. D. No. 11	do.	2 14
2221	do.	E. V. Percival, Urbana, R. F. D.	do.	21 21
2222	do.	H. C. Kaufman, St. Joseph	do.	11 06

## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1915			
2223	Oct. 5	M. E. Thompson, Cashier.....	Student labor.....	\$ 566 70
2224	do.	M. E. Thompson, Cashier.....	Sundry bills.....	51 08
2225	do.	M. E. Thompson, Cashier.....	Rebates.....	754 25
2226	do.	E. Davenport.....	Traveling expenses.....	4 15
2227	do.	M. E. Thompson, Cashier.....	Labor payrolls.....	620 72
2228	do.	First National Bank, G. Fock.....	Books.....	9 21
2229	do.	First National Bank, H. I. Veth.....	do.....	17 66
2230	do.	The Big Four Ry. Co.....	Freight.....	4 95
2231	do.	The Big Four Ry. Co.....	do.....	46 95
2232	do.	The Big Four Ry. Co.....	do.....	186 42
2233	do.	M. E. Thompson, Cashier.....	General labor bills.....	368 06
2234	do.	W. B. Day.....	Petty expenses.....	71 41
2235	do.	F. L. Stevens.....	Laboratory supplies.....	1 00
2236	do.	Commanding officer, Rock Island Arsenal.....	Scabbards and brushes.....	5 04
2237	do.	O'Byrne Transfer & Storage Co.....	Storage.....	5 81
2238	do.	A. O. Magnuson.....	Salary, September, 1915.....	80 00
2239	do.	Kelsey B. Gardner.....	do.....	80 00
2240	do.	K. E. Geisendorfer.....	do.....	52 90
2241	do.	M. Morrell.....	do.....	25 50
2242	do.	F. Louret.....	do.....	10 20
2243	do.	M. H. Cambell.....	do.....	46 80
2244	do.	Ralph Kenshalo.....	Salary, September, 1915.....	6 80
2245	do.	Walter T. Day.....	do.....	4 00
2246	do.	William Harris.....	do.....	4 90
2247	do.	Guy B. Reno.....	do.....	4 20
2248	do.	Sherman Morgan.....	do.....	3 00
2249	do.	Elliott Billman.....	do.....	28 20
2250	do.	E. F. Murphy.....	do.....	30 30
2251	do.	W. S. Ladd.....	do.....	18 80
2252	do.	A. E. McCoy.....	do.....	41 00
2253	do.	D. H. Dungan.....	do.....	45 70
2254	do.	C. C. Elliot.....	do.....	35 30
2255	do.	Beatrice Frail.....	do.....	30 37
2256	do.	Maybelle Dallenbach.....	do.....	39 70
2257	do.	Lois Dodds.....	do.....	32 80
2258	do.	W. F. Campbell.....	do.....	5 00
2259	do.	J. M. Oxman.....	do.....	2 50
2260	do.	R. L. Reese.....	do.....	22 75
2261	do.	Wesley Wagner.....	do.....	10 40
2262	do.	Stanley Wilkins.....	do.....	21 10
2263	do.	M. R. Davis.....	do.....	44 10
2264	do.	Ruth I. Mussenden.....	do.....	20 70
2265	do.	A. T. Semple.....	do.....	10 91
2266	do.	A. R. Barker.....	do.....	6 00
2267	do.	D. J. Campbell.....	do.....	30 00
2268	do.	R. F. Harvey.....	do.....	35 50
2269	do.	W. R. Jones.....	do.....	17 40
2270	do.	Floyd Keepers.....	do.....	10 75
2271	do.	Lloyd Keepers.....	do.....	10 05
2272	do.	W. T. Martin.....	do.....	10 70
2273	do.	Henry Miner.....	do.....	12 00
2274	do.	J. L. Munson.....	do.....	9 85
2275	do.	E. S. Axline.....	do.....	34 13
2276	do.	W. F. Campbell.....	do.....	30 15
2277	do.	H. C. Eckstein.....	do.....	75 00
2278	do.	F. H. Foster.....	do.....	3 10
2279	do.	H. A. Shonle.....	do.....	38 00
2280	do.	T. H. Lloyd.....	do.....	50 00
2281	do.	Paul Anders.....	do.....	130 00
2282	do.	Bayard T. Klotzsche.....	do.....	15 80
2283	do.	Roy Johnson.....	do.....	20 20
2284	do.	Ernst Hertzberg & Sons.....	Books.....	1,606 20
2285	Oct. 8	R. W. Tippet.....	Salary, September, 1915.....	50 00
2286	do.	Sebastian Karrer.....	do.....	80 00
2287	do.	H. F. Godeke.....	do.....	140 00
2288	do.	A. H. Lenz (Student).....	do.....	9 50
2289	do.	Bertha Davis.....	do.....	100 00
2290	do.	W. L. Burlison.....	Balance of salary, September, 1915.....	16 67
2291	do.	J. B. Rice.....	do.....	75 00
2292	do.	H. D. Waggoner.....	Balance of salary, September, 1915.....	10 00
2293	do.	J. F. G. Hicks.....	Salary September, 1915.....	50 00
2294	do.	Carl Zelle.....	do.....	10 00
2295	do.	L. Adler.....	do.....	10 00
2296	do.	A. C. Littleton.....	Salary, September, 1915 (Balance).....	25 00
2297	do.	C. N. Thruber.....	do.....	10 00
2298	do.	Caroline Morris.....	Salary, September, 1915.....	80 00
2299	do.	J. D. White, Postal Clerk.....	Postage.....	1,480 00
2300	do.	Marmon-Buick Sales Co.....	Machinery.....	1,485 00

## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1915			
2301	Oct. 8	H. R. Stanford	Salary, September, 1915	\$83 20
2302	Oct. 9	Champaign Creamery Co., Champaign	Creamery	6 22
2303	do	Joseph Mounts, Dewey	do	4 76
2304	do	Henry Reinhart, Dewey	do	5 04
2305	do	Andrew Shields, Dewey	do	5 35
2306	do	J. H. Evans, Dewey	do	4 06
2307	do	Geo. R. Evans, Dewey	do	2 97
2308	do	H. I. Nelson	Dairy office	2 86
2309	do	A. R. Grindley	do	5 91
2310	do	E. J. Percival	do	2 44
2311	do	Guy Hobick, Fithian	Creamery	4 48
2312	do	James Freeman, Fithian	do	2 94
2313	do	Macy Bros., Fithian	do	4 56
2314	do	C. Harry, Fithian	do	2 97
2315	do	C. G. Plotner, Fithian	do	4 31
2316	do	Harvey Ray, Homer	do	1 65
2317	do	J. D. Perkham, Homer	do	2 69
2318	do	W. E. Satterfield, Homer	do	4 54
2319	do	J. A. Morgan, Homer	do	4 82
2320	do	S. M. Yeszel, Homer	do	4 68
2321	do	John A. Bruhn, Homer	do	5 12
2322	do	W. E. Young, Homer	do	4 28
2323	do	John W. Hillard, Homer	do	5 18
2324	do	G. I. Davis, Homer	do	4 42
2325	do	I. C. Wibble, Ogden	do	2 02
2326	do	Ray Freeman, Ogden	do	1 43
2327	do	Thos. Manning, Ogden	do	3 28
2328	do	J. E. Marsh, Ogden	do	5 04
2329	do	F. A. Nofitz, Pesotum	do	3 39
2330	do	F. I. Messman, Sadorus	do	4 12
2331	do	Clyde Fisher, Savoy, R. F. D. No. 66	do	2 24
2332	do	B. Jordan, Savoy, R. F. D. No. 66	do	7 20
2333	do	T. F. Jordan, Savoy, R. F. D. No. 66	do	5 66
2334	do	S. P. Cary, White Heath	do	3 92
2335	do	D. Wilkins	Dairy office	3 70
2336	do	R. T. Lumsden	do	6 60
2337	do	R. A. Lumsden	do	2 39
2338	do	C. C. Gordon	do	2 13
2339	do	R. S. McInnes	do	2 21
2340	do	Geo. Schiff	do	2 40
2341	do	John W. Wilsey	do	5 15
2342	do	F. Thompson	do	2 52
2343	do	John McCullough	do	4 45
2344	do	F. W. Howell, Homer	do	3 28
2345	do	F. Stodden, Homer	Creamery	3 08
2346	do	Chas. Wilson, Homer	do	3 00
2347	do	Van Carter, Homer	do	4 76
2348	do	Alf Ott, Homer	do	2 63
2349	do	May Diggs, Fithian	do	3 11
2350	do	A. Sadler, Fithian	do	3 70
2351	do	J. B. Skinner, Fithian	do	3 11
2352	do	Wm. Van Buskirk, Fithian	do	2 18
2353	do	John Rueb, Fithian	do	3 42
2354	do	W. J. Wilson, Ogden	do	2 18
2355	do	Ed. Fisher, Ogden	do	4 09
2356	do	Geo. B. Giddings, Ogden	do	4 93
2357	do	Wm. Case, Ogden	do	2 97
2358	do	W. L. Davis, Fisher	do	4 00
2359	do	J. W. Rhoades, Fisher	do	4 62
2360	do	C. E. Hopkins, Tonti	do	4 20
2361	do	G. W. VanMeter, Savoy	do	3 08
2362	do	J. A. R. Koch, Mayview	do	5 14
2363	do	R. B. Hubbard, Monticello	do	3 98
2364	do	W. C. Welch, R. F. D. No. 12, Urbana	do	2 58
2365	do	Ed. Smith, Homer	do	4 54
2366	do	M. B. Allen	do	3 39
2367	do	Lon Libka, Homer	do	3 02
2368	do	Fritz, Schweinke, Homer	do	5 43
2369	do	T. M. Ghare, Homer	do	4 48
2370	do	B. Jordan, Savoy, R. F. D. No. 66	do	4 32
2371	do	T. F. Jordan, Savoy, R. F. D. No. 66	do	3 60
2372	do	Clyde Fisher, Savoy, R. F. D. No. 66	do	2 23
2373	do	D. A. Silver, Urbana, R. F. D. No. 6	do	4 09
2374	do	Earl Dickson, Fithian	do	3 98
2375	do	J. F. Francis, Fithian	do	4 31
2376	do	Geo. R. Davis, Dewey	do	2 74



## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
<b>1915</b>				
2377	Oct. 9	W. J. Kelly, Loda	Creamery	\$ 2 91
2378	do.	S. T. Carter, Seymour	do	3 41
2379	do.	Frank Knox, Mahomet	do	4 09
2380	do.	Mattie Trimmell, Oakwood	do	5 21
2381	do.	F. B. Seiner, Muncie	do	2 52
2382	Oct. 13	M. Hudson	Dairy office	95
2383	do.	John McCullough	do	2 37
2384	do.	E. J. Percival	do	70
2385	do.	J. E. Henderson	do	2 37
2386	do.	P. P. Dunn	do	1 99
2387	do.	Eli Grove	do	4 26
2388	do.	Lou Creiger	do	4 70
2389	do.	E. Grove	do	4 03
2390	do.	Chas. Wilson, Homer	Creamery	2 55
2391	do.	John W. Hillard, Homer	do	5 07
2392	do.	Alf Ott, Homer	do	3 83
2393	do.	J. B. Skinner, Fithian	do	3 00
2394	do.	J. D. Pullian, Fithian	do	3 95
2395	do.	C. F. McClure, Fithian	do	3 89
2396	do.	C. M. Snook, Fisher	do	3 50
2397	do.	J. W. Rhoades, Fisher	do	4 48
2398	do.	C. C. Rayburn, Bondville	do	4 70
2399	do.	T. H. Barker, Bondville	do	3 70
2400	do.	L. A. Peters, Muncie	do	4 62
2401	do.	C. E. Hopkins, Tonti	do	6 24
2402	do.	R. B. Hubbert, Monticello	do	4 76
2403	do.	W. W. Meyer, Urbana, R. F. D. No. 12.	do	4 74
2404	do.	Dan Meter, Champaign, R. F. D. No. 3.	do	6 72
2405	do.	Ernst Hertzberg & Sons	Books	54 97
2406	do.	Jane C. Watson	Salary, September, 1915	30 00
2407	do.	H. E. French	do	10 00
2408	do.	Flanigan-Pearson Co.	Printing	14 00
2409	do.	Survey Associates	Survey service	2 70
2410	do.	Louise Freer	Traveling expenses	14 84
2411	do.	Edna Krudwig	Salary, September, 1915 (one-half month)	20 00
2412	do.	J. D. White, Postal Clerk	Postage	79 68
2413	do.	J. D. White, Postal Clerk	do	5 43
2414	do.	The Chester Transfer Co.	Express	40 97
2415	do.	Stipes & Pileher	Building supplies	278 22
2416	do.	Louis Melind Co.	Office supplies	1 25
2417	do.	C. R. Richards	Traveling expenses	1 64
2418	do.	R. S. Zettler	Wages, one week, September, 1915	25 00
2419	do.	V. S. Day	Clerical work	59 46
2420	do.	Daniel E. Warren	do	5 25
2421	do.	C. Anderson	Student labor	13 05
2422	do.	A. C. McClurg & Co.	Books	1 00
2423	do.	John Byrne & Co.	do	15 00
2424	do.	Southern Classification Committee	do	1 00
2425	do.	Wm. Quinn	General labor	54 13
2426	do.	S. Massel	do	24 52
2427	do.	Reuben W. Peterson	Clerical work	4 80
2428	do.	Selling and Advertising (First National Bank, Champaign)	Subscription	1 00
2429	do.	Pantagraph Printing & Stationery Co.	Printing	379 31
2430	do.	Joel A. Sperry, 2d	Telephone and telegraph	5 80
2431	do.	Silver, Burdett & Co.	General supplies	1 60
2432	do.	M. E. Thompson, Cashier	Student labor	15 45
2433	do.	M. E. Thompson, Cashier	General labor	87 75
2434	do.	M. E. Thompson, Cashier	Labor	582 78
2435	do.	M. E. Thompson, Cashier	Rebates	482 13
2436	do.	Illinois Traction System	Freight	6 46
2437	do.	C., C. & St. L. Ry. Co., Urbana	do	43 47
2438	do.	The Wabash R. R., Urbana	do	65 13
2439	do.	C., C. & St. L. Ry. Co., Champaign	do	26 14
2440	do.	Illinois Central R. R. Co.	do	46 81
2441	do.	C., C. & St. L. Ry. Co., Urbana	do	29 80
2442	do.	The Sneed & Co., Iron Works	Furniture repairs	8 25
2443	Oct. 15	A. R. Grindley	Dairy office	4 78
2444	do.	H. I. Nelson	do	3 33
2445	do.	G. I. Davis, Homer	Creamery	3 47
2446	do.	John A. Bruhn, Homer	do	4 34
2447	do.	C. R. Beavers, Homer	do	4 34
2448	do.	Louie Weinke, Homer	do	4 36
2449	do.	M. B. Allen, Homer	do	3 58
2450	do.	Tom Richards, Homer	do	3 69
2451	do.	W. D. Rohl, Homer	do	5 12
2452	do.	W. E. Yount, Homer	do	4 48

## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
1915				
2453	Oct. 15	J. D. Perham, Homer.	Creamery.	\$ 2 52
2454	do.	Earl Dickson, Fithian.	do.	3 80
2455	do.	John Rueb, Fithian.	do.	5 09
2456	do.	Guy Hobick, Fithian.	do.	4 25
2457	do.	Harry Sperry, Fithian.	do.	3 58
2458	do.	H. Cherry, Ogden.	do.	3 69
2459	do.	Thos. Manning, Ogden.	do.	2 46
2460	do.	Z. Alsip, Ogden.	do.	3 13
2461	do.	J. H. Evans, Dewey.	do.	3 55
2462	do.	Henry Reinhart, Dewey.	do.	3 89
2463	do.	A. Shields, Dewey.	do.	5 04
2464	do.	Frank Watson, Muncie.	do.	4 04
2465	do.	R. H. McAllister, Muncie.	do.	3 43
2466	do.	Clyde Fisher, Savoy, R. F. D. No. 66.	do.	2 46
2467	do.	B. Jordon, Savoy, R. F. D. No. 66.	do.	4 64
2468	do.	T. F. Jordon, Savoy, R. F. D. No. 66.	do.	4 52
2469	do.	G. W. Van Meter, Savoy.	do.	6 72
2470	do.	Wm. P. Walsh, Ludlow.	do.	2 38
2471	do.	B. B. Noe, Sidney.	do.	3 33
2472	do.	Geo. Schiff.	Dairy office.	6 00
2473	do.	R. S. McInnes.	do.	2 45
2474	do.	C. C. Gordon.	do.	2 57
2475	do.	R. T. Lumsden.	do.	5 79
2476	do.	R. A. Lumsden.	do.	2 47
2477	do.	John McCullough.	do.	4 82
2478	do.	E. J. Percival.	do.	1 23
2479	do.	F. Thompson.	do.	3 72
2480	do.	T. P. Lyons.	do.	1 40
2481	do.	A. G. Krukewitt, Homer.	Creamery.	5 20
2482	do.	Chas. Wilson, Homer.	do.	3 27
2483	do.	Van Carter, Homer.	do.	4 22
2484	do.	Al. Ott, Homer.	do.	3 06
2485	do.	F. Stodden, Homer.	do.	3 52
2486	do.	Harvey Ray, Homer.	do.	2 67
2487	do.	Lon Libka, Homer.	do.	2 91
2488	do.	Mrs. J. H. Rutan, Fithian.	do.	3 55
2489	do.	J. B. Skinner, Fithian.	do.	2 80
2490	do.	Allen Sadler, Fithian.	do.	4 03
2491	do.	J. F. Francis, Fithian.	do.	4 48
2492	do.	W. L. Davis, Fisher.	do.	4 34
2493	do.	W. J. Wilson, Ogden.	do.	2 35
2494	do.	W. C. Welch, Urbana, R. F. D. No. 12.	do.	2 77
2495	do.	Geo. R. Evans, Dewey.	do.	3 13
2496	do.	G. W. Fackler, Sadorus.	do.	5 14
2497	do.	Frank Knox, Mahomet.	do.	6 49
2498	do.	Joseph Mounts, Rantoul.	do.	5 12
2499	do.	S. G. Richards, Muncie.	do.	3 10
2500	do.	J. W. Rayburn, Bondville.	do.	5 62
2501	do.	J. A. Kock, Mayview.	do.	2 74
2502	Oct. 18	The Adams-Bagnal Electric Co.	Thermo globes.	6 72
2503	do.	Frederick Post Co.	Paper.	38 65
2504	do.	Illinois Central R. R. Co.	Freight.	3 53
2505	do.	B. A. Strauch.	Photo supplies.	1 95
2506	do.	Max Levy.	Screen.	6 00
2507	do.	Burke & James, Inc.	Paper.	1 95
2508	do.	Chas. G. Willoughby.	Camera.	47 50
2509	do.	Geo. Murphy, Inc.	Blue print supplies.	2 65
2510	do.	Anseo Co.	Photo supplies.	24 22
2511	do.	Watry & Heidkamp.	Plates.	6 50
2512	do.	Bausch & Lomb Optical Co.	Blue print supplies.	15 75
2513	do.	G. Cramer Dry Plate Co.	Plates.	94 77
2514	do.	The Wabash R. R.	Freight.	8 82
2515	do.	Illinois Traction System, Urbana.	do.	1 49
2516	do.	Walworth Mfg. Co.	Valves, etc.	372 05
2517	do.	Taylor Hardware Co.	Hardware.	45 36
2518	do.	J. C. Thomas.	Truck.	1 65
2519	do.	Otis Elevator Co.	Cable.	7 02
2520	do.	Percival & Moorehead.	Hardware.	2 25
2521	do.	Reliable Plumbing & Heating Co.	Ells.	16 58
2522	do.	White Line Laundry.	Laundry.	21 13
2523	do.	H. Channon Co.	Auto supplies.	45 00
2524	do.	Manning Sand Paper Co.	Paper.	17 06
2525	do.	Pratt & Lambert, Inc.	Vitalite.	38 48
2526	do.	Swartz Electric Shop.	Cells.	7 50
2527	do.	American Steel & Wire Co.	Wire.	20 83
2528	do.	Fisher Governor Co.	Springs.	1 40
2529	do.	Twin City Printing Co.	Printing.	10 50
2530	do.	Henry A. Dreer, Inc.	Seeds.	11 88

## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1915			
2531	Oct. 18	American La-France Fire Engine Co. . . . .	Hose, etc. . . . .	\$ 81 40
2532	..do..	A. W. Shaw Co. . . . .	Subscription . . . . .	2 00
2533	..do..	Harry Herrick . . . . .	Sprocket, screws . . . . .	8 79
2534	..do..	Hall's Hardware Co. . . . .	Mesh cloth . . . . .	9 57
2535	..do..	Wozencraft & Finder . . . . .	Hardware . . . . .	1 68
2536	..do..	Crouse-Hinds Co. . . . .	Boxes . . . . .	56 33
2537	..do..	W. Lewis & Co. . . . .	Shade fixtures . . . . .	1 44
2538	..do..	C. C. Willis . . . . .	Cloth . . . . .	1 05
2539	..do..	Eck Dynamo & Motor Co. . . . .	Graphalloy brushes . . . . .	1 91
2540	..do..	Lammert & Mann Co. . . . .	Piston etc. . . . .	149 10
2541	..do..	Ball Engine Co. . . . .	Pin bushing . . . . .	6 00
2542	..do..	Babcock & Wilcox Co. . . . .	Felt . . . . .	24 45
2543	..do..	Lyon Metallic Mfg. Co. . . . .	Racks . . . . .	132 30
2544	..do..	Western Gas Fixture Co. . . . .	Phenixlite . . . . .	16 58
2545	..do..	Cutler-Hammer Mfg. Co. . . . .	Repairs . . . . .	9 41
2546	..do..	Russell Burdall & Ward Bolt and Nut Co. . . . .	Washers, etc. . . . .	2 24
2547	..do..	Oldham Bros. . . . .	Linseed oil . . . . .	7 00
2548	..do..	Meneley-Ross Co. . . . .	Iron elbows . . . . .	1 50
2549	..do..	Indianapolis Paint & Color Co. . . . .	Paint . . . . .	128 75
2550	..do..	Stromberg Carlson Telephone Mfg. Co. . . . .	Twine . . . . .	1 74
2551	..do..	Knowlton & Bennett . . . . .	Paint . . . . .	1 90
2552	..do..	Russia Cement Co. . . . .	Glue . . . . .	14 03
2553	..do..	American Linseed Co. . . . .	Linseed oil . . . . .	27 34
2554	..do..	American Radiator Co. . . . .	Radiator shields . . . . .	5 24
2555	..do..	Hoosier Mfg. Co. . . . .	Oil soap . . . . .	21 25
2556	..do..	Heath & Milligan Mfg. Co. . . . .	Asphaltum . . . . .	30 60
2557	..do..	H. W. Johns-Manville Co. . . . .	Asbestos cement . . . . .	39 34
2558	..do..	United States Reduction Co. . . . .	Rabbit and tin . . . . .	23 60
2559	..do..	The Western Roofing & Supply Co. . . . .	Cement . . . . .	3 30
2560	..do..	American Linseed Co. . . . .	Linseed oil . . . . .	28 81
2561	..do..	Manhattan Electric Supply Co. . . . .	Wire . . . . .	49 50
2562	..do..	American Steam Gauge & Valve Co. . . . .	Steam trap . . . . .	18 90
2563	..do..	John B. Bennett . . . . .	Building material . . . . .	154 04
2564	..do..	Illinois Traction System . . . . .	Freight . . . . .	1 35
2565	..do..	Well Bros. . . . .	Light lead . . . . .	4 23
2566	..do..	General Electric Co. . . . .	Electrical supplies . . . . .	527 28
2567	..do..	Stromberg Carlson Telephone Mfg. Co. . . . .	..do.. . . . .	71 50
2568	..do..	Royal A. Stipes . . . . .	Sand and gravel . . . . .	554 25
2569	..do..	Shapleigh Hardware Co. . . . .	Key rings . . . . .	3 50
2570	..do..	Louden & Flanigan . . . . .	Ledger sheets . . . . .	7 25
2571	..do..	The Schaeffe & Budenberg Mfg. Co. . . . .	Gauge charts . . . . .	6 75
2572	..do..	B. E. Spaulding . . . . .	General supplies . . . . .	2 50
2573	..do..	The Ashcroft Mfg. Co. . . . .	Charts . . . . .	10 38
2574	..do..	Indian Refining Co. . . . .	Oil . . . . .	257 17
2575	..do..	Western Valve Co. . . . .	Valves . . . . .	105 19
2576	..do..	National Carbon Co. . . . .	Cells, screw . . . . .	59 98
2577	..do..	Eisner Grocery Co. . . . .	General supplies . . . . .	23 60
2578	..do..	Johnson Bros. . . . .	Unions . . . . .	2 86
2579	..do..	Twin City Roofing Co. . . . .	Building material . . . . .	106 70
2580	..do..	Illinois Electric Co. . . . .	Electrical supplies . . . . .	16 40
2581	..do..	Illinois Engineering Co. . . . .	Valves . . . . .	60 00
2582	..do..	Geo. B. Carpenter Co. . . . .	General supplies . . . . .	45 11
2583	..do..	The Western Electric Co. . . . .	Electrical supplies . . . . .	28 51
2584	..do..	Automatic Electric Co. . . . .	..do.. . . . .	28 82
2585	..do..	The Caldwell Co. . . . .	..do.. . . . .	162 31
2586	..do..	Crane Co. . . . .	Flanges . . . . .	42 54
2587	..do..	Central Electric Co. . . . .	Electrical supplies . . . . .	56 00
2588	..do..	The Burr Co. . . . .	Building material . . . . .	122 99
2589	..do..	E. R. Roysdon . . . . .	Moving corn shed . . . . .	15 00
2590	..do..	Illinois Central Ry. Co. . . . .	Freight . . . . .	18 65
2591	..do..	The Big Four Ry. Co. . . . .	..do.. . . . .	17 23
2592	..do..	Chas. W. Redwood . . . . .	Salary . . . . .	192 50
2593	..do..	Illinois Traction System . . . . .	Freight . . . . .	2 98
2594	..do..	M. E. Thompson, Cashier . . . . .	Labor bills . . . . .	57 22
2595	..do..	M. E. Thompson, Cashier . . . . .	Sundry bills . . . . .	23 64
2596	..do..	M. E. Thompson, Cashier . . . . .	Rebates . . . . .	147 75
2597	..do..	Wm. Leatherman . . . . .	Labor . . . . .	177 11
2598	Oct. 19	D. Wilkins . . . . .	Dairy office . . . . .	1 17
2599	..do..	C. M. Smook, Fisher . . . . .	Creamery . . . . .	3 27
2600	..do..	J. W. Rhoades, Fisher . . . . .	..do.. . . . .	4 98
2601	..do..	Mary Warner, Fisher . . . . .	..do.. . . . .	3 52
2602	..do..	T. M. Ghere, Homer . . . . .	..do.. . . . .	3 86
2603	..do..	John W. Hillard, Homer . . . . .	..do.. . . . .	3 97
2604	..do..	John Rueb, Fithian . . . . .	..do.. . . . .	3 05
2605	..do..	May Diggs, Fithian . . . . .	..do.. . . . .	3 38
2606	..do..	J. H. Evans, Dewey . . . . .	..do.. . . . .	3 58
2607	..do..	Andrew Shields, Dewey . . . . .	..do.. . . . .	5 06
2608	..do..	T. F. Jordon, Savoy R. F. D. No. 66 . . . . .	..do.. . . . .	3 64

## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1915			
2609	Oct. 19	B. Jordon, Savoy, R. F. D. No. 66.....	Creamery.....	\$ 3 36
2610	do.	C. E. Hopkins, Tonti.....	do.	5 40
2611	do.	W. H. Ordell, Philo.....	do.	4 33
2612	do.	L. F. Bialeschki, Pesotum.....	do.	3 61
2613	do.	S. P. Cary, White Heath.....	do.	4 14
2614	do.	R. H. McAllister, Muncie.....	do.	3 69
2615	do.	R. B. Hubbard, Monticello.....	do.	4 62
2616	do.	P. P. Dunn.....	Dairy office.....	1 82
2617	do.	M. Hudson.....	do.	3 23
2618	do.	J. E. Henderson.....	do.	2 54
2619	do.	Eli Grove.....	do.	3 27
2620	do.	E. Grove.....	do.	3 75
2621	do.	Lou Creiger.....	do.	6 74
2622	do.	C. C. Gordon.....	do.	1 37
2623	do.	R. S. McInnes.....	do.	1 25
2624	do.	John McCullough.....	do.	2 54
2625	do.	J. B. Marsh, Ogden.....	do.	2 94
2626	do.	Thos. Manning, Ogden.....	do.	2 07
2627	do.	Ray Freeman, Ogden.....	do.	1 42
2628	do.	W. E. Womacks, Ogden.....	do.	2 94
2629	do.	Alf Ott, Homer.....	do.	2 35
2630	do.	Grant Davis, Homer.....	do.	2 94
2631	do.	John A. Bruhn, Homer.....	do.	4 08
2632	do.	M. B. Allen, Homer.....	do.	3 52
2633	do.	James Freeman, Fithian.....	do.	2 10
2634	do.	J. B. Skinner, Homer.....	do.	2 52
2635	do.	John Englehart, Dewey.....	do.	6 08
2636	do.	W. W. Meyer, Urbana, R. F. D. No. 12.....	do.	4 20
2637	do.	J. Noble, Urbana, R. F. D. No. 10.....	do.	4 78
2638	do.	J. W. Wilsey, Urbana, R. F. D. No. 10.....	do.	3 52
2639	do.	John W. Grein, Sidney.....	do.	4 39
2640	do.	J. A. R. Koch, Mayview.....	do.	4 64
2641	do.	J. W. Rayburn, Bondville.....	do.	5 46
2642	do.	E. V. Percival.....	Dairy office.....	31 66
2643	do.	W. F. Barton, Homer.....	Creamery.....	20 93
2644	do.	H. C. Kaufman, St. Joseph.....	do.	20 20
2645	do.	Harvey Allison, Homer.....	do.	11 72
2646	Oct. 21	W. R. Hidy.....	Freight.....	98 20
2647	do.	Monier & Morrissey.....	do.	78 20
2648	do.	Illinois Traction System.....	Freight.....	90
2649	do.	The Big Four Ry. Co.....	do.	37 44
2650	do.	The Wabash Ry. Co.....	do.	59 79
2651	do.	American Blower Co.....	Sirocco fan.....	110 00
2652	do.	The Sherwin Williams Co.....	Paint.....	13 50
2653	do.	Eisner Grocery Co.....	Beeswax.....	1 35
2654	do.	Royal A. Stipes.....	Sand.....	12 00
2655	do.	B. A. Strauch.....	Framing.....	1 45
2656	do.	Knowlton & Bennett.....	Chipped glass.....	14 00
2657	do.	The Western Roofing & Supply Co.....	Roof paint.....	3 23
2658	do.	Northwestern Compo-Board Co.....	Compo-board.....	35 00
2659	do.	Butler Brothers.....	Wardrobe hooks.....	3 84
2660	do.	George Herme.....	Labor.....	12 00
2661	do.	Standard Oil Co.....	Parowax.....	6 00
2662	do.	Dunlap Mfg. Co.....	Oil of gladness.....	20 92
2663	do.	Geo. B. Carpenter & Co.....	Navy oakum.....	4 41
2664	do.	The Western Electric Co.....	General supplies.....	40 99
2665	do.	Western Kieley Steam Specialty Co.....	Rubber diaphragm.....	6 02
2666	do.	Green Engineering Co.....	Beam ends.....	11 48
2667	do.	Wozencraft & Finder.....	Waste cock.....	2 20
2668	do.	William Brothers.....	Varnish remover.....	1 80
2669	do.	Oldham Brothers.....	F glass.....	2 30
2670	do.	Twin City Roofing Co.....	Down spout repairs.....	2 40
2671	do.	The Rockwood Mfg. Co.....	Paper pulley.....	3 29
2672	do.	Harry Herrick.....	Tire chains.....	3 75
2673	do.	American Steel & Wire Co.....	Wire.....	3 73
2674	do.	Warren Brush Co.....	Brushes.....	37 80
2675	do.	Fuller-Morrison Co.....	Petrolatum.....	2 97
2676	do.	W. W. Walls & Co.....	Lumber.....	699 00
2677	do.	Flat Iron Store.....	Towels.....	18 00
2678	do.	Walker & Mulliken.....	Shade cloth.....	7 95
2679	do.	Cudahy Soap Co.....	Soap.....	19 75
2680	do.	Grassell Chemical Co.....	Sulphate.....	104 31
2681	do.	Otis Elevator Co.....	Oil.....	7 90
2682	do.	Montgomery Ward & Co.....	Erasers.....	9 50
2683	do.	Schermerhorn Brothers.....	Mops.....	35 28
2684	do.	The L. S. Starrett Co.....	Saws.....	18 26
2685	do.	Warren Webster & Co.....	Tray guides.....	10 80
2686	do.	American Linseed Co.....	Linseed oil.....	29 36

## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1915			
2687	Oct. 21	Harvey A. Sellers	Floor dressing	\$ 11 40
2688	do.	G. C. Willis	Toilet paper	50 00
2689	do.	M. E. Thompson, Cashier	Pay roll ending Oct. 16	609 48
2690	do.	Frank J. Wokom	Tuition refund	20 00
2691	do.	Photographie Materials Co.	Gutta percha tissue	9 00
2692	do.	Defender Photo Supply Co.	Monox No. 4.	4 76
2693	do.	The University Press	Printing	58 25
2694	do.	Federal Steel Fixture Co.	Knobs for lockers	3 00
2695	do.	Walworth Mfg. Co.	Angle valve	10 40
2696	do.	Vaughan's Seed Store	Seeds	55 47
2697	do.	The Burr Co.	Tile grate	2 00
2698	do.	Casavant Brothers	Organ repairs	175 43
2699	do.	Stipes & Hecker	Cement and granite	1,159 87
2700	do.	Illinois Electric Co.	Distributing boards	97 43
2701	do.	The Burr Co.	Anchor bolts and C. I. piles	82 50
2702	do.	The Babcock & Wilcox Co.	Gaskets	13 26
2703	do.	Taylor Hardware Co.	General supplies	72 21
2704	do.	The Caldwell Co.	Mazdas	208 63
2705	do.	W. Lewis & Co.	Carpet and cloth	6 97
2706	do.	Reliable Plumbing & Heating Co.	General supplies	19 86
2707	do.	Crane Co.	do.	32 73
2708	do.	Ernst Hertzberg & Sons	Books	4 94
2709	do.	The Cleveland Grain Co.	Yellow corn	335 00
2710	do.	R. R. Danielson	Traveling expenses	2 40
2711	do.	A. E. Williams	do.	2 05
2712	do.	H. I. Nelson	Dairy office	1 51
2713	do.	A. R. Grindley	do.	3 16
2714	do.	G. L. Magers, Homer	Creamery	2 96
2715	do.	John W. Hillard, Homer	do.	4 45
2716	do.	Van Carter, Homer	do.	4 76
2717	do.	Lon Libka, Homer	do.	3 02
2718	do.	T. M. Ghery, Homer	do.	4 14
2719	do.	A. Shields, Dewey	do.	5 32
2720	do.	Earl Dickson, Fithian	do.	4 20
2721	do.	Geo. R. Evans, Dewey	do.	3 41
2722	do.	F. B. Seiner, Muncie	do.	3 13
2723	do.	S. G. Richards	do.	2 38
2724	do.	Frank Watson	do.	4 20
2725	do.	I. C. Wibble, Ogden	do.	2 32
2726	do.	Wm. Case, Ogden	do.	3 86
2727	do.	David A. Silver, Urbana, R. F. D. No. 11	do.	3 97
2728	do.	John L. Bickers, Urbana, R. F. D. No. 10	do.	3 52
2729	do.	Frank Knox, Mahomet	do.	4 75
2730	do.	T. H. Barker, Bondville	do.	2 77
2731	do.	Geo. Schiff	Dairy office	5 04
2732	do.	R. A. Lumsden	do.	2 31
2733	do.	R. T. Lumsden	do.	5 83
2734	do.	C. C. Gordon	do.	3 65
2735	do.	T. P. Lyons	do.	1 47
2736	do.	R. S. McInnes	do.	1 43
2737	do.	C. R. Beavers, Homer	Creamery	4 92
2738	do.	J. A. Morgan, Homer	do.	3 58
2739	do.	F. Stodden, Homer	do.	2 81
2740	do.	A. J. Conkey, Homer	do.	4 79
2741	do.	Wm. Rohl, Homer	do.	5 04
2742	do.	Mrs. G. I. Davis, Homer	do.	2 97
2743	do.	W. E. Satterfield, Homer	do.	4 28
2744	do.	Alf Ott, Homer	do.	2 97
2745	do.	Chas. Wilson, Homer	do.	3 97
2746	do.	C. G. Plotner, Homer	do.	4 14
2747	do.	John Rueb, Homer	do.	5 10
2748	do.	F. J. Frances, Homer	do.	4 37
2749	do.	Harry Sperry, Homer	do.	3 69
2750	do.	J. B. Skinner, Homer	do.	3 28
2751	do.	J. D. Pullian, Homer	do.	3 56
2752	do.	Chas. F. McClure, Homer	do.	3 22
2753	do.	C. M. Smook, Fisher	do.	3 78
2754	do.	W. L. Davis, Fisher	do.	3 59
2755	do.	J. W. Rhoades, Fisher	do.	4 90
2756	do.	J. W. Wilsey, Urbana, R. F. D. No. 10	do.	4 14
2757	do.	J. Noble, Urbana, R. F. D. No. 10	do.	3 47
2758	do.	Hartley Shields, Dewey	do.	4 76
2759	do.	W. J. Wilson, Ogden	do.	2 55
2760	do.	G. W. Van Meter, Tolono	do.	4 06
2761	do.	C. C. Rayburn, Bondville	do.	7 62
2762	do.	L. A. Peters, Muncie	do.	4 34
2763	do.	C. E. Hopkins, Tonti	do.	5 01
2764	Oct. 22	Newton & Hoyt Co.	Flat top desk	25 47

## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
<b>1915</b>				
2765	Oct. 22	Edward Bartow	Salary, October, 1915.	\$ 333 33
2766	do.	A. N. Bennett	do	75 00
2767	do.	H. P. Corson	do	125 00
2768	do.	W. W. Hanford	do	60 00
2769	do.	Ralph Hilscher	do	125 00
2770	do.	W. F. Langlier	do	125 00
2771	do.	National Metal Molding Co.	Conduits	199 14
2772	do.	M. E. Thompson, Cashier	Bills paid	55 24
2773	do.	M. E. Thompson, Cashier	do	65 92
2774	do.	M. E. Thompson, Cashier	do	1,070 00
2775	do.	M. E. Thompson, Cashier	do	77 66
2776	do.	C. H. Havens	Salary, October, 1915.	133 33
2777	do.	M. Murphy	do	110 00
2778	do.	T. J. Showers	do	133 33
2779	do.	T. J. Smith	do	120 00
2780	do.	Olive Percival	do	50 00
2781	Oct. 23	Fred Thompson	Dairy office.	3 10
2782	do.	John A. Bruhn, Homer	Creamery	4 22
2783	do.	J. D. Perham, Homer	do	2 57
2784	do.	Tom Richards, Homer	do	3 36
2785	do.	M. V. Allen, Homer	do	3 86
2786	do.	Joseph Mounts, Dewey	do	4 81
2787	do.	Henry Reinhart, Dewey	do	4 73
2788	do.	J. H. Evans, Dewey	do	4 25
2789	do.	Earl Dickson, Fithian	do	3 89
2790	do.	May Diggs, Fithian	do	3 08
2791	do.	B. Jordon, Savoy, R. F. D. No. 66.	do	9 40
2792	do.	Clyde Fisher, Savoy, R. F. D. No. 66.	do	4 31
2793	do.	T. F. Jordon, Savoy, R. F. D. No. 66.	do	10 92
2794	do.	D. Miner, Champaign, R. F. D. No. 3.	do	6 76
2795	do.	Champaign Creamery Co., Champaign.	do	5 79
2796	do.	R. B. Hubbard, Monticello	do	3 52
2797	do.	E. H. McAllister, Muncie	do	3 72
2798	do.	Lou Creiger	Dairy office.	5 10
2799	do.	Ell Grove	do	5 58
2800	do.	Eli Grove	do	2 27
2801	do.	M. Hudson	do	3 44
2802	do.	C. C. Gordon	do	1 82
2803	do.	R. S. McInnes	do	1 65
2804	do.	John McCullough	do	2 80
2805	do.	P. P. Dunn	do	2 01
2806	do.	J. E. Henderson	do	2 17
2807	do.	I. Hammock	do	1 82
2808	do.	Chas. Wilson, Homer	Creamery	2 24
2809	do.	Louie Weinko, Homer	do	3 94
2810	do.	W. E. Yount, Homer	do	7 84
2811	do.	C. B. Giddings, Ogden	do	5 18
2812	do.	Z. Alsip, Ogden	do	2 82
2813	do.	W. E. Womacks, Ogden	do	2 99
2814	do.	Andrew Shields, Dewey	do	6 64
2815	do.	Geo. R. Evans, Dewey	do	3 05
2816	do.	G. W. Van Meter, Savoy	do	3 97
2817	do.	John Rueb, Fithian	do	2 77
2818	do.	J. W. Rayburn, Bondville	do	5 01
2819	do.	J. W. Rhoades, Fisher	do	4 82
2820	do.	S. P. Cary, White Heath	do	3 58
2821	do.	W. L. Davis, Mahomet	do	3 78
2822	do.	W. W. Meyer, Urbana, R. F. D. No. 12.	do	3 97
2823	do.	C. E. Hopkins, Tonti	do	4 37
2824	do.	J. A. R. Koch, Mayview	do	3 72
2825	Oct. 26	F. L. Washburn	Traveling expenses	4 42
2826	do.	Ludwig Rosenthal	Binding	1 51
2827	do.	M. E. Thompson, Cashier	Bills paid	63 35
2828	do.	M. E. Thompson, Cashier	do	26 33
2829	do.	M. E. Thompson, Cashier	do	10 05
2830	do.	M. E. Thompson, Cashier	do	669 59
2831	do.	Ernst Hertzberg & Sons	Books	247 81
2832	do.	M. E. Thompson, Cashier	Bills paid	458 75
2833	do.	The Wabash R. R. Co.	Freight	53 58
2834	do.	The Big Four Ry. Co.	do	19 78
2835	do.	Illinois Traction System	do	22 96
2836	do.	The Big Four Ry. Co.	do	3 95
2837	do.	Illinois Central Ry. Co.	do	2 57
2838	do.	Peek & Hills Furniture Co.	Tables	164 00
2839	do.	F. L. Stevens	Sundry bills	5 15
2840	do.	Wm. H. Browne	do	206 13
2841	do.	Ernst Hertzberg & Sons	Books	311 39
2842	do.	A. R. Grindley	Dairy office	2 69

## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
<b>1915</b>				
2843	Oct 26	H. I. Nelson	Dairy office	\$ 2 70
2844	..do.	John W. Hillard, Homer	Creamery	4 87
2845	..do.	Grant Davis, Homer	..do.	3 33
2846	..do.	Dale Price, Homer	..do.	4 90
2847	..do.	F. M. Ghere, Homer	..do.	4 14
2848	..do.	Ed. Smith, Homer	..do.	3 61
2849	..do.	Van Carter, Homer	..do.	4 40
2850	..do.	G. Harry, Fithian	..do.	2 97
2851	..do.	J. F. Frances, Fithian	..do.	4 48
2852	..do.	G. W. Van Meter, Savoy	..do.	3 36
2853	..do.	A. E. Burwash, Savoy	..do.	3 51
2854	..do.	L. A. Peters, Muncie	..do.	4 31
2855	..do.	R. H. McAlister, Muncie	..do.	3 78
2856	..do.	Mary Warner, Mahomet	..do.	4 23
2857	..do.	Silas Roland, Loda	..do.	2 86
2858	..do.	David A. Silver, Urbana, R. F. D. No. 11	..do.	1 85
2859	..do.	R. A. Lumsden	Dairy office	1 94
2860	..do.	R. T. Lumsden	..do.	5 61
2861	..do.	Geo. Schiff	..do.	4 65
2862	..do.	John McCullough	..do.	3 78
2863	..do.	C. C. Gordon	..do.	3 64
2864	..do.	R. S. McInnes	..do.	1 50
2865	..do.	F. W. Howell, Homer	Creamery	3 72
2866	..do.	Al Ott, Homer	..do.	3 05
2867	..do.	M. B. Allen, Homer	..do.	3 42
2868	..do.	J. E. Perckham, Homer	..do.	2 32
2869	..do.	Lon Libka, Homer	..do.	3 14
2870	..do.	W. D. Rohl, Homer	..do.	5 18
2871	..do.	J. D. Pullian, Fithian	..do.	2 36
2872	..do.	John Rueb, Fithian	..do.	3 30
2873	..do.	Macy Bros, Fithian	..do.	6 19
2874	..do.	J. B. Skinner, Fithian	..do.	3 00
2875	..do.	J. W. Rayburn, Bondville	..do.	5 46
2876	..do.	C. C. Rayburn, Bondville	..do.	4 31
2877	..do.	Dan Miner, Champaign, R. F. D. No. 3	..do.	5 92
2878	..do.	I. Noble, Urbana, R. F. D. No. 10	..do.	4 98
2879	..do.	W. C. Welch, Urbana, R. F. D. No. 12	..do.	3 16
2880	..do.	R. B. Hubbard, Monticello	..do.	4 37
2881	..do.	F. J. Messman, Sadorus	..do.	4 45
2882	..do.	C. E. Hopkins, Tonti	..do.	3 86
2883	..do.	A. Shields, Dewey	..do.	5 60
2884	..do.	C. M. Snook, Fisher	..do.	3 47
2885	..do.	Wm. Case, Ogden	..do.	3 05
2886	Oct. 28	A. C. McClurg & Co.	Books	49 59
2887	..do.	John B. Bennett	Material and labor	906 38
2888	..do.	Twin City Roofing Co.	Building material	135 19
2889	..do.	Ernst Hertzberg & Sons	Books	78 57
2890	..do.	D. H. Lloyd	General supplies	1 18
2891	..do.	David Kinley	Books	2 83
2892	..do.	G. E. Stechert & Co.	..do.	2 63
2893	..do.	R. C. Wagner & Son	Contract	368 00
2894	..do.	Western Gas Fixture Co.	Electric fixtures	36 22
2895	..do.	H. W. Johns-Manville Co.	Conduits	226 59
2896	..do.	Jason White	Plastering	351 30
2897	..do.	Printograph Sales Co.	Printing	2 90
2898	..do.	Fanny B. Sherfy	Premium on policies	16 75
2899	..do.	Bausch & Lomb Optical Co.	Microscope	9 45
2900	..do.	E. H. Sargent & Co.	Chemicals	4 70
2901	..do.	Burke & James	Stereoscope attachment	4 31
2902	..do.	G. Cramer Dry Plate Co.	Micro filters	5 00
2903	..do.	Eugene Dietzgen Co.	Office supplies	19 36
2904	..do.	Chas. G. Willoughby	Glass covers	64 00
2905	..do.	Margaret Cobb	C. H. Stoelting Co., bill	3 31
2906	..do.	T. P. Lyons	Dairy office	1 88
2907	..do.	Harvey Ray, Homer	Creamery	1 76
2908	..do.	C. R. Beavers, Homer	..do.	4 73
2909	..do.	J. W. Hillard, Homer	..do.	4 82
2910	..do.	J. A. Morgan, Homer	..do.	3 92
2911	..do.	G. L. Magers, Homer	..do.	3 22
2912	..do.	Harry Sperry, Fithian	..do.	3 50
2913	..do.	J. H. Rutan, Fithian	..do.	3 36
2914	..do.	Earl Dickson, Fithian	..do.	4 37
2915	..do.	James Freeman, Fithian	..do.	2 27
2916	..do.	T. F. Jordon, Savoy, R. F. D. No. 66	..do.	10 41
2917	..do.	B. Jordan, Savoy, R. F. D. No. 66	..do.	9 60
2918	..do.	Clyde Fisher, Savoy, R. F. D. No. 66	..do.	4 09
2919	..do.	Henry Reinhart, Dewey	..do.	4 82
2920	..do.	J. H. Evans, Dewey	..do.	4 23

## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
1915				
2921	Oct. 28	Geo. R. Evans, Dewey	Creamery	\$ 3 89
2922	do.	S. G. Richards, Muncie	do.	3 16
2923	do.	Frank Watson, Muncie	do.	3 05
2924	do.	W. L. Davis, Mahomet	do.	4 73
2925	do.	John L. Bickers, Philo	do.	3 58
2926	do.	B. B. Noe, Sidney	do.	3 58
2927	do.	S. P. Cary, White Heath	do.	3 16
2928	Oct. 30	W. B. Castenholz, Comptroller	Material furnished from University storeroom	66 30
2929	do.	W. B. Castenholz, Comptroller	do.	7 35
2930	do.	W. B. Castenholz, Comptroller	do.	2,452 06
2931	Nov. 2	A. O. Magnuson	Salary, October, 1915	80 00
2932	do.	Chas. M. Webber	Postage	50 00
2933	do.	Kelsey B. Gardner	Salary, October, 1915	80 00
2934	do.	C. M. McConn	Traveling expenses	10 04
2935	do.	The Big Four Ry. Co., Champaign	Freight	139 66
2936	do.	The Big Four Ry. Co., Urbana	do.	94 41
2937	do.	The Wabash R. R. Co.	do.	75 79
2938	do.	Illinois Traction System	do.	1 92
2939	do.	Illinois Central Ry. Co.	do.	84 55
2940	do.	L. B. Dickay	Salary, October, 1915	51 75
2941	do.	W. H. Browne	Petty cash	324 92
2942	do.	W. B. Day	Petty expenses	75 26
2943	do.	David Wilkins	Dairy office	1 43
2944	do.	M. Hudson	do.	4 55
2945	do.	R. S. McInnes	do.	1 27
2946	do.	C. C. Gordon	do.	2 37
2947	do.	J. E. Henderson	do.	2 51
2948	do.	P. P. Dunn	do.	1 65
2949	do.	Lou Creiger	do.	4 42
2950	do.	E. Grove	do.	3 64
2951	do.	John McCullough	do.	1 55
2952	do.	Eli Grove	do.	2 91
2953	do.	Fred Thompson	do.	1 76
2954	do.	J. Hammock	do.	1 49
2955	do.	Van Carter, Homer	Creamery	4 14
2956	do.	Chas. Wilson, Homer	do.	2 91
2957	do.	W. E. Yount, Homer	do.	3 84
2958	do.	Ed. Hippe, Homer	do.	3 39
2959	do.	C. E. Hopkins, Tonti	do.	4 76
2960	do.	John A. Bruhn, Sidney	do.	4 82
2961	do.	T. H. Barker, Bondville	do.	2 94
2962	do.	J. A. R. Koch, Mayview	do.	2 94
2963	do.	W. J. Wilson, Ogden	do.	5 85
2964	do.	Mattie Trimmell, Oakwood	do.	2 44
2965	do.	David A. Silver, R. F. D. No. 11, Urbana	do.	1 96
2966	Nov. 4	A. R. Grindley	Dairy office	1 85
2967	do.	H. I. Nelson	do.	3 53
2968	do.	Guy Hobick, Fithian	Creamery	3 28
2969	do.	May Dicks, Fithian	do.	2 83
2970	do.	Wm. Van Buskirk, Fithian	do.	4 14
2971	do.	John Rueb, Fithian	do.	3 47
2972	do.	L. A. Peters, Fithian	do.	3 14
2973	do.	T. Richards, Homer	do.	3 30
2974	do.	M. B. Allen, Homer	do.	3 56
2975	do.	T. M. Ghers, Homer	do.	3 78
2976	do.	Z. Alsip, Ogden	do.	3 64
2977	do.	W. H. Ordell, Philo	do.	2 48
2978	do.	Silas Roland, Loda	do.	2 66
2979	do.	E. B. Hubbard, Monticello	do.	5 04
2980	do.	J. W. Rhoades, Fisher	do.	3 81
2981	do.	R. H. McAllister, Muncie	do.	6 10
2982	do.	Dan Miner, Urbana, R. F. D.	do.	3 72
2983	do.	J. W. Wilsey, Urbana, R. F. D. No. 10	do.	24 20
2984	do.	H. C. Kaufman, St. Joseph	do.	24 29
2985	do.	E. V. Percival, R. F. D., Urbana	do.	23 64
2986	do.	Harvey Allison, Homer	do.	30 18
2987	do.	W. F. Barton, Homer	do.	1 83
2988	do.	E. J. Percival	Dairy office	2 06
2989	do.	R. A. Lumsden	do.	4 20
2990	do.	R. T. Lumsden	do.	3 56
2991	do.	John McCullough	do.	2 61
2992	do.	C. C. Gordon	do.	1 21
2993	do.	R. S. McInnes	do.	4 70
2994	do.	Geo. Schiff	do.	2 88
2995	do.	Alf Ott, Homer	Creamery	3 30
2996	do.	Mrs. G. D. Davis, Homer	do.	4 82
2997	do.	F. Stodden, Homer	do.	



## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1915			
2998	Nov. 4	Dale Price, Homer	Creamery	\$ 2 69
2999	..do..	W. E. Satterfield, Homer	..do..	4 48
3000	..do..	J. D. Pullian, Fithian	..do..	2 97
3001	..do..	J. F. Francis, Fithian	..do..	4 42
3002	..do..	J. B. Skinner, Fithian	..do..	4 08
3003	..do..	Earl Dickson, Fithian	..do..	3 22
3004	..do..	Geo. F. Evans, Dewey	..do..	4 26
3005	..do..	A. Shields, Dewey	..do..	5 40
3006	..do..	S. E. Hopkins, Tonti	..do..	6 10
3007	..do..	J. A. R. Koch, Mayview	..do..	2 97
3008	..do..	S. Lee Cox, Oakwood	..do..	3 05
3009	..do..	Geo. W. Van Meter, Savoy	..do..	7 76
3010	..do..	J. W. Rayburn, Bondville	..do..	5 82
3011	..do..	R. B. Hubbard, Monticello	..do..	3 05
3012	..do..	W. W. Meyer, Urbana	..do..	3 78
3013	Nov. 5	Adolph Pauli	Wages, September, 1915	12 19
3014	..do..	Reuben W. Peterson	Wages, October, 1915	9 00
3015	..do..	A. C. Littleton	..do..	25 00
3016	..do..	Bertram Abney	..do..	20 00
3017	..do..	L. W. Colton	..do..	10 00
3018	..do..	Bayard T. Klotzsche	..do..	24 60
3019	..do..	Berthier Fairbanks	..do..	13 60
3020	..do..	John Breedis	..do..	15 00
3021	..do..	J. F. Smith	..do..	12 00
3022	..do..	Nelle U. Branch	..do..	32 50
3023	..do..	Thos. H. Armstrong	..do..	15 80
3024	..do..	Chas. G. Howard	..do..	17 80
3025	..do..	A. F. Brown	..do..	22 50
3026	..do..	Esther Eppinger	..do..	21 75
3027	..do..	F. H. Everhart	..do..	5 00
3028	..do..	J. H. Gage	..do..	13 20
3029	..do..	Myrtle E. Honey	..do..	13 60
3030	..do..	Josephine Lindholm	..do..	14 40
3031	..do..	E. R. Schulz	..do..	27 90
3032	..do..	J. C. Larson	..do..	24 85
3033	..do..	L. F. Draper	..do..	11 60
3034	..do..	Edna Hedrick	..do..	5 40
3035	..do..	Irma Houser	..do..	9 00
3036	..do..	Michel Velma Jamison	..do..	5 00
3037	..do..	Henry W. Kamp	..do..	13 00
3038	..do..	Adolph Pauli	..do..	6 80
3039	..do..	Russell Castle	..do..	32 38
3040	..do..	L. D. Bunting	..do..	27 20
3041	..do..	Miriam Fasold	..do..	6 95
3042	..do..	Hazel Reed	..do..	1 00
3043	..do..	C. A. Drake	..do..	9 60
3044	..do..	Grace Geyer	..do..	7 00
3045	..do..	L. J. Henrich	..do..	3 20
3046	..do..	C. Mabel Smith	..do..	9 40
3047	..do..	C. A. Drake	..do..	11 00
3048	..do..	R. W. Schecter	..do..	10 40
3049	..do..	Mary Belle Sheridan	..do..	5 60
3050	..do..	Ella Tillotson	..do..	11 40
3051	..do..	E. P. Hohman	..do..	6 40
3052	..do..	D. F. Fleming	..do..	14 20
3053	..do..	L. S. Moore	..do..	7 40
3054	..do..	Agnes Wright	..do..	4 20
3055	..do..	G. B. Angus	..do..	5 80
3056	..do..	P. H. Brocks	..do..	19 10
3057	..do..	C. C. Foulk	..do..	18 38
3058	..do..	C. K. Gabriel	..do..	3 60
3059	..do..	E. H. Gay	..do..	1 80
3060	..do..	C. M. Lindsley	..do..	1 75
3061	..do..	J. K. Prim	..do..	10 00
3062	..do..	W. C. Troutman	..do..	3 10
3063	..do..	E. Anastassiades	..do..	13 20
3064	..do..	G. A. Allen	..do..	3 00
3065	..do..	E. Fontaine	..do..	7 80
3066	..do..	Frances K. Klank	..do..	9 30
3067	..do..	Obert Beatty	..do..	21 00
3068	..do..	Raymond Britt	..do..	20 20
3069	..do..	Glenn F. Griffin	..do..	27 00
3070	..do..	C. H. Lawrence	..do..	9 60
3071	..do..	W. B. Newlin	..do..	1 00
3072	..do..	H. Reichelderfer	..do..	16 00
3073	..do..	Ralph Sperry	..do..	6 60
3074	..do..	M. E. Applegate	..do..	57 80
3075	..do..	W. M. Atwell	..do..	66 70

## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1915			
3076	Nov. 5	J. E. Bailey	Wages, October, 1915	\$ 61 82
3077	do.	V. R. Barnes	do.	93 60
3078	do.	Geo. Boyer	do.	53 55
3079	do.	John Brannigan	do.	73 15
3080	do.	J. E. Browning	do.	65 10
3081	do.	Harry Brown	do.	66 44
3082	do.	Basil Brown	do.	67 20
3083	do.	D. M. Bullock	do.	71 07
3084	do.	Thos. Butler	do.	68 88
3085	do.	Karl Cagan	do.	64 75
3086	do.	Rolla S. Carson	do.	60 94
3087	do.	J. Cassidy	do.	47 00
3088	do.	John Cedusky	do.	82 06
3089	do.	J. H. Cheever	do.	53 00
3090	do.	Geo. Toy	do.	64 63
3091	do.	Geo. Turner	do.	67 16
3092	do.	O. J. Utterback	do.	59 40
3093	do.	A. Warmbler	do.	82 00
3094	do.	Edwin Wells	do.	64 35
3095	do.	Ed Wharmby	do.	69 00
3096	do.	Wm. Wilde	do.	99 20
3097	do.	Walter R. Wingier	do.	62 00
3098	do.	Otto West	do.	51 00
3099	do.	Amos Wright	do.	88 40
3100	do.	J. J. Yeaw	do.	32 30
3101	do.	A. Bevis	do.	143 00
3102	do.	Wm. Quinn	do.	54 60
3103	do.	John C. Clark	do.	79 20
3104	do.	L. O. Stocker	do.	72 00
3105	do.	Jas. Casad	do.	120 00
3106	do.	Frank Clancy	do.	94 50
3107	do.	J. D. Craig	do.	90 00
3108	do.	C. M. Davis	do.	77 00
3109	do.	Chas. Gundlock	do.	85 80
3110	do.	W. J. Langhoff	do.	70 35
3111	do.	J. H. Miller	do.	108 00
3112	do.	Randolph Smith	do.	66 80
3113	do.	G. Rittenhouse	do.	45 90
3114	do.	Martin Sandwell	do.	32 00
3115	do.	A. C. Speedie	do.	93 60
3116	do.	Wesley Wilson	do.	92 00
3117	do.	Frank Wiltz	do.	85 00
3118	do.	Clark Bullard	do.	125 00
3119	do.	A. J. Booker	do.	92 00
3120	do.	M. C. Booker	do.	76 80
3121	do.	C. A. Dunseth	do.	90 00
3122	do.	Carl Neblock	do.	87 15
3123	do.	O. B. VanOstrand	do.	55 23
3124	do.	J. H. Vandiventer	do.	93 50
3125	do.	John Begley	do.	65 47
3126	do.	M. Felgner	do.	60 20
3127	do.	Felix Fox	do.	60 20
3128	do.	Otto Kreigel	do.	29 20
3129	do.	W. C. Prevett	do.	58 00
3130	do.	R. L. Kelley	do.	135 00
3131	do.	C. L. Gustafson	do.	140 00
3132	do.	L. C. Bernard	do.	100 00
3133	do.	Guy C. Faurote	do.	18 50
3134	do.	Robert Antoszewski	do.	29 40
3135	do.	John S. Beltz	do.	18 40
3136	do.	Geo. Courtney	do.	16 00
3137	do.	Ernst Kuechler	do.	10 70
3138	do.	G. Lambroff	do.	19 00
3139	do.	Wm. Lathrop	do.	18 80
3140	do.	Adrian Lindley	do.	5 00
3141	do.	Walker Means	do.	4 00
3142	do.	A. B. Moore	do.	13 00
3143	do.	L. C. McCaskill	do.	15 40
3144	do.	A. C. Schneider	do.	17 40
3145	do.	J. C. Sharp	do.	15 60
3146	do.	E. F. Sheely	do.	18 80
3147	do.	Alfred Spates	do.	18 20
3148	do.	W. W. Stockton	do.	14 40
3149	do.	F. M. VanNatter	do.	10 40
3150	do.	J. F. Purkins	do.	62 48
3151	do.	Chas. Redman	do.	93 60
3152	do.	Ed. Richards	do.	104 16
3153	do.	Mary Ryan	do.	39 95

## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
3154	1915	Fred Tuark	Wages October, 1915.	\$ 49 20
3155	Nov. 5	A. Servis	do	71 65
3156	do.	Lloyd H. Smook	do	60 00
3157	do.	I. C. Sinder	do	53 55
3158	do.	Frank Stalczer	do	69 46
3159	do.	L. M. Stearns	do	62 79
3160	do.	Elmer Stratum	do	85 55
3161	do.	Gus Strum	do	65 25
3162	do.	Otto Sweatingen	do	59 40
3163	do.	Wm. Temple	do	92 00
3164	do.	E. L. Thompson	do	60 78
3165	do.	I. F. Thilsson	do	70 00
3166	do.	D. L. Moody	do	02 48
3167	do.	F. O. Moore	do	47 50
3168	do.	Rebecca Morgan	do	63 35
3169	do.	Jesse Myers	do	63 35
3170	do.	A. J. McAlister	do	67 44
3171	do.	C. E. McCown	do	50 00
3172	do.	Jas. McCullough	do	02 04
3173	do.	Francis E. McCullough	do	44 50
3174	do.	B. J. Daniel	do	54 00
3175	do.	W. J. McFadden	do	68 52
3176	do.	J. K. Newton	do	63 76
3177	do.	C. M. Olin	do	63 76
3178	do.	F. A. Felleymann	do	55 10
3179	do.	F. M. Harris	do	57 49
3180	do.	F. M. Perry	do	67 83
3181	do.	Nick Peterson	do	55 65
3182	do.	E. W. Peterson	do	32 52
3183	do.	E. Johns	do	55 10
3184	do.	Marjaret Jones	do	44 15
3185	do.	H. W. Justin	do	44 30
3186	do.	Timothy Kenney	do	108 30
3187	do.	I. A. J. Kien	do	08 31
3188	do.	Frederick Kien	do	77 81
3189	do.	Frederick Kien	do	52 92
3190	do.	A. F. Linton	do	64 17
3191	do.	R. J. Long	do	64 58
3192	do.	H. H. M.	do	77 90
3193	do.	H. H. M.	do	57 75
3194	do.	O. E. Mensch	do	47 16
3195	do.	O. I. Mendenthal	do	55 25
3196	do.	Don Menzely	do	68 08
3197	do.	C. M. Miller	do	60 26
3198	do.	F. T. Franklin	do	59 62
3199	do.	V. S. Glenn	do	63 91
3200	do.	C. Y. Freeman	do	48 62
3201	do.	W. H. Graybeal	do	57 42
3202	do.	Seil Hamlin	do	57 20
3203	do.	Samuel Hanson	do	65 31
3204	do.	E. J. Hagan	do	73 38
3205	do.	L. D. Hahnz	do	63 80
3206	do.	Harry Higgins	do	82 00
3207	do.	Chas. Hill	do	98 28
3208	do.	W. G. Hixon	do	82 00
3209	do.	F. F. Hoover	do	65 10
3210	do.	Ross Hutton	do	51 20
3211	do.	F. M. Irvine	do	54 89
3212	do.	Jas. Irvine	do	69 23
3213	do.	A. L. Johnson	do	73 56
3214	do.	C. C. Johnson	do	55 13
3215	do.	Bert Clark	do	45 57
3216	do.	A. L. Collins	do	57 75
3217	do.	B. F. Crackel	do	63 33
3218	do.	F. Crathorne	do	66 36
3219	do.	F. E. Crump	do	58 30
3220	do.	Jos. Davis	do	82 57
3221	do.	B. F. English	do	74 13
3222	do.	Rhos. J. Fay	do	74 13
3223	do.	Fred Fender	do	68 77
3224	do.	Louis Fender	do	96 10
3225	do.	J. C. Fisons	do	86 08
3226	do.	J. J. Fisons	do	62 70
3227	do.	Frank Fogarty	do	43 20
3228	do.	Wm. Fogarty	do	63 48
3229	do.	Guy Fox	do	53 65
3230	do.	Paul Arndt	do	53 50
3231	do.		do	74 34
				7 00

## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1915			
3232	Nov. 5	S. R. Farah	Wages, October, 1915	\$ 14 60
3233	do.	R. M. Strickland	do.	12 80
3234	do.	R. E. McDowell	do.	24 90
3235	do.	E. S. Axline	do.	25 12
3236	do.	W. F. Campbell	do.	41 40
3237	do.	H. C. Eckstein	do.	75 00
3238	do.	H. A. Shonle	do.	26 38
3239	do.	Arthur Barker	do.	26 10
3240	do.	D. J. Campbell	do.	9 80
3241	do.	R. F. Harvey	do.	28 40
3242	do.	W. R. Jones	do.	27 40
3243	do.	Floyd Keepers	do.	36 10
3244	do.	Lloyd Keepers	do.	37 75
3245	do.	W. T. Martin	do.	25 40
3246	do.	Henry Miner	do.	7 00
3247	do.	J. L. Munson	do.	31 05
3248	do.	Raymond Reese	do.	14 65
3249	do.	Stanley Wilkins	do.	40 13
3250	do.	M. Russell Davis	do.	36 60
3251	do.	Ruth I. Mussenden	do.	14 85
3252	do.	Arthur Sample	do.	25 88
3253	do.	C. M. Linsley	do.	17 75
3254	do.	A. E. McCoy	do.	23 75
3255	do.	Douglas Wright, Jr.	do.	12 25
3256	do.	I. E. Wold	do.	13 38
3257	do.	G. H. Dungan	do.	28 00
3258	do.	C. E. Null	do.	41 75
3259	do.	E. F. Murphy	do.	13 05
3260	do.	P. T. Troeger	do.	17 00
3261	do.	V. H. Kern	do.	16 25
3262	do.	R. I. Shaw	do.	12 63
3263	do.	H. R. Stanford	do.	83 20
3264	do.	T. H. McCormack	Traveling expenses	60 45
3265	do.	M. E. Thompson, Cashier	Bills paid	802 08
3266	do.	Wm. Hix	Teaming	130 00
3267	do.	H. H. Stock	Traveling expenses	1 50
3268	do.	Good Housekeeping Magazine	Subscription	2 00
3269	do.	Alice Treganza	Traveling expenses	1 90
3270	do.	George White	do.	3 20
3271	do.	Florence Harrison	do.	4 00
3272	do.	Meeker-Magner Co.	Insurance premium	125 00
3273	do.	Ernst Hertzberg & Sons	Books	22 38
3274	do.	M. E. Thompson, Cashier	Bills paid	57 20
3275	do.	M. E. Thompson, Cashier	do.	264 37
3276	do.	M. E. Thompson, Cashier	do.	95 78
3277	do.	M. E. Thompson, Cashier	do.	18 13
3278	do.	M. E. Thompson, Cashier	do.	65 86
3279	do.	M. E. Thompson, Cashier	do.	22 26
3280	do.	M. E. Thompson, Cashier	do.	59 06
3281	do.	Vachel Lindsay	Lectures	100 00
3282	do.	H. N. Felton	Wages, October, 1915	10 00
3283	do.	C. S. Breese	do.	10 00
3284	do.	C. Anderson	do.	14 74
3285	do.	J. M. Ketch	do.	12 42
3286	do.	Edw. Lerch	do.	19 69
3287	do.	Frank Leggitt	do.	20 60
3288	do.	L. M. Wakeley	do.	32 40
3289	do.	James Hall	do.	150 00
3290	do.	C. M. DeLany	do.	150 00
3291	do.	Marquis Eaton	do.	50 00
3292	do.	D. Osborne	Services	10 00
3293	do.	Guy B. Reno	Wages, October, 1915	12 60
3294	do.	Walter T. Day	do.	12 80
3295	do.	Ralph Kenshalo	do.	13 20
3296	do.	William Harris	do.	13 00
3297	do.	Sherman Morgan	do.	7 00
3298	do.	Elliott Billman	do.	25 05
3299	do.	Donald G. Evans	do.	16 00
3300	do.	H. T. Gallaher	do.	26 60
3301	do.	H. R. Richardson	do.	34 05
3302	do.	R. L. Zeitler	do.	50 00
3303	do.	T. P. Sifford	Labor	8 25
3304	Nov. 6	John W. Hillard, Homer	Creamery	3 54
3305	do.	T. M. Ghere, Homer	do.	3 54
3306	do.	Louis J. Wienke, Homer	do.	3 60
3307	do.	John Rueb, Fithian	do.	2 87
3308	do.	J. H. Evans, Dewey	do.	4 15
3309	do.	Hartley Shields, Dewey	do.	4 15

## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
<b>1915</b>				
3310	Nov. 6	J. W. Rhoades, Fisher	Creamery	\$ 4 73
3311	do.	C. M. Smook, Fisher	do.	5 14
3312	do.	W. E. Womacks, Ogden	do.	3 80
3313	do.	B. B. Noe, Sidney	do.	3 95
3314	do.	J. Noble, Urbana, R. F. D. No. 10	do.	5 22
3315	do.	B. Jordon, Savoy, R. F. D. No. 66	do.	6 12
3316	do.	Clyde Fisher, Savoy, R. F. D. No. 66	do.	3 86
3317	do.	T. F. Jordon, Savoy, R. F. D. No. 66	do.	10 81
3318	do.	A. E. Burwash, Savoy	do.	3 60
3319	Nov. 10	Ernst Hertzberg & Sons	Books	6 23
3320	do.	J. D. White	Stamped envelopes	64 60
3321	do.	J. D. White	do.	56 20
3322	do.	J. H. Schuman	Nails	2 60
3323	do.	Peck & Hills Furniture Co.	Chairs	9 55
3324	do.	M. E. Thompson, Cashier	Bills paid	103 66
3325	do.	Flemin W. Cox	Traveling expenses	8 58
3326	do.	Schiller the Florist	Flowers	25 00
3327	do.	A. C. McClurg & Co.	Books	4 65
3328	do.	G. E. Stechert & Co.	do.	2 66
3329	do.	Ralph Powers Brown	Wages, October, 1915	28 20
3330	do.	F. E. McClughen	Laundry for September, October	23 14
3331	do.	Eugene Dietzgen Co.	Office supplies	15 20
3332	do.	G. Cramer Dry Plate Co.	General supplies	28 08
3333	do.	Capital Knitting Co.	Dish cloths	1 20
3334	do.	M. E. Thompson, Cashier	Bills paid	492 73
3335	do.	H. P. Greison	Wages, October, 1915	21 40
3336	do.	L. J. Ludwig	do.	19 40
3337	do.	L. G. McCofee	do.	3 30
3338	do.	The Big Four Ry. Co., Champaign	Freight	3 96
3339	do.	The Wabash R. R. Co.	do.	40 41
3340	do.	The Big Four Ry. Co.	do.	74 39
3341	do.	The Illinois Central Ry. Co.	do.	4 98
3342	do.	Illinois Traction System	do.	30 25
3343	Nov. 12	The Eagle White Lead Co.	White lead	77 22
3344	do.	Wadsworth-Howland Co.	Paint	64 53
3345	do.	W. Lewis & Co.	General supplies	4 25
3346	do.	Manhattan Electric Supply Co.	Wire	155 10
3347	do.	Western Gas Fixture Co.	General supplies	33 16
3348	do.	Reliable Plumbing & Heating Co.	do.	25 68
3349	do.	Crane Co.	Pipes	33 60
3350	do.	The Burr Co.	General supplies	179 05
3351	do.	G. C. Willis	do.	4 60
3352	do.	Walworth Mfg. Co.	do.	172 31
3353	do.	Illinois Electric Co.	Electric supplies	21 09
3354	do.	American Hardware Corporation (Russell & Erwin Mfg. Co.)	Key blanks	10 27
3355	do.	Chicago Fire Brick Co.	Brick	217 82
3356	do.	Geo. Carpenter Co.	Cement	8 00
3357	do.	Central Electric Co.	Electrical supplies	16 80
3358	do.	Weil Bros.	Lead pipes	5 01
3359	do.	Sargent & Co.	Key blanks	9 12
3360	do.	U. S. Reduction Co.	Solder	30 00
3361	do.	Marshall Field & Co.	Hospital gauze	23 80
3362	do.	Barbee Wire & Iron Works	Hammer guards	16 39
3363	do.	The Western Electric Co.	Electrical supplies	35 18
3364	do.	Medart Patent Pulley Co.	General supplies	16 75
3365	do.	Corbin Cabinet Lock Co.	Padlocks	4 83
3366	do.	General Electric Co.	Electrical supplies	33 07
3367	do.	Taylor Hardware Co.	Ladders	3 40
3368	do.	H. Mueller Mfg. Co.	P. S. C. bibbs	1 12
3369	do.	Indianapolis Paint & Color Co.	Whiting	3 60
3370	do.	H. W. Johns-Manville Co.	Transite board	4 06
3371	do.	G. C. Willis	General supplies	6 21
3372	do.	Pilon & Rodgers	Chemicals	5 40
3373	do.	M. E. Thompson, Cashier	Bills paid	67 19
3374	do.	The Big Four Ry. Co.	Freight	1 68
3375	do.	The Rockwood Mfg. Co.	Pulley	3 06
3376	do.	The Caldwell Co.	Mazda lamps	117 37
3377	do.	James B. Clow & Son	Fracket faucet	11 39
3378	do.	Eisner Grocery Co.	Matches	27 50
3379	do.	Standard Linseed Co.	Linseed oil	26 11
3380	do.	Swartz Electric Shop	Wire and cells	27 00
3381	do.	Laclede Christy Clay Products Co.	Arch tile	19 50
3382	do.	West Disinfecting Co.	Coro Noleum	7 35
3383	do.	Automatic Electric Co.	Electrical supplies	149 25
3384	do.	National Carbon Co.	do.	29 99
3385	do.	Pittsburgh Plate Glass Co.	Glass	40 50
3386	do.	M. E. Thompson, Cashier	Bills paid	99 75

## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
3387	1915			
3387	Nov. 12	The Chester Transfer Co.	Use of two machines.	\$ 20 00
3388	..do..	Ernst Hertzberg & Sons.	Books.	24 56
3389	..do..	The Carson-Payson Co.	Ventilators.	757 00
3390	..do..	Hunter Rourke Co.	General supplies.	407 85
3391	..do..	The Garlock Packing Co.	Packing.	64 80
3392	..do..	Martin Metz.	Reset tires.	3 50
3393	..do..	Monarch Electric Co.	Wire.	15 19
3394	..do..	Automatic Electric Co.	Electrical supplies.	23 13
3395	..do..	Eisner Grocery Co.	Salt.	1 40
3396	..do..	Wadsworth-Howland Co.	Metal polish.	9 00
3397	..do..	McMaster-Carr Supply Co.	Packing.	13 50
3398	..do..	The Babcock & Wilcox Co.	Charcoal iron.	155 52
3399	..do..	Lasar Mfg. Co.	Counter guards.	14 50
3400	..do..	Geo. B. Carpenter & Co.	Sash cord.	12 03
3401	..do..	Butler Brothers.	Saco mats.	32 18
3402	..do..	The Eagle White Lead Co.	White lead.	77 22
3403	..do..	W. Lewis & Co.	Shades.	6 25
3404	..do..	Vaughan's Seed Store.	Nursery stock.	9 75
3405	..do..	W. B. Allen Mfg. Co.	Rubber boots.	11 00
3406	..do..	J. C. F. Sell, Superintendent of Streets.	Pavement repair.	10 20
3407	..do..	Laclede Christy Clay Products Co.	Roof tile.	154 30
3408	..do..	Fred W. Tanner.	Services.	4 50
3409	..do..	The University Club.	Traveling expenses.	1 60
3410	..do..	F. M. Porter.	Engrossing certificates.	25 50
3411	Nov. 13	Henry Stuckart Co., Collector.	Special assessment for cement walk.	254 17
3412	..do..	Leon D. Tilton.	Traveling expenses.	50 00
3413	..do..	M. E. Thompson, Cashier.	Bills paid.	30 33
3414	..do..	M. E. Thompson, Cashier.	..do..	29 44
3415	..do..	M. E. Thompson, Cashier.	..do..	33 07
3416	..do..	M. E. Thompson, Cashier.	..do..	128 37
3417	..do..	M. E. Thompson, Cashier.	..do..	62 88
3418	..do..	The Breeder's Gazette.	Gazette.	10 20
3419	..do..	Louis Melind Co.	Office supplies.	1 36
3420	..do..	Mrs. F. M. Perry.	General supplies.	1 55
3421	..do..	M. E. Thompson, Cashier.	Bills paid.	133 40
3422	Nov. 15	The Kneisel Quartet.	Recital.	350 00
3423	..do..	General Electric Co.	General supplies.	15 19
3424	..do..	John H. Doyle.	..do..	1 36
3425	..do..	John W. Spalding.	Horseshoes.	8 00
3426	..do..	Caldwell Electric Co.	Mazdas.	39 48
3427	..do..	Freeman & Son.	General supplies.	11 45
3428	..do..	Green Engineering Co.	..do..	39 29
3429	..do..	F. K. Robeson.	Toweling and felt.	35 00
3430	..do..	Taylor Hardware Co.	General supplies.	17 30
3431	..do..	Alexander Lumber Co.	Lumber.	407 46
3432	..do..	Bacon Brothers.	Paint.	14 30
3433	..do..	Crane Co.	General supplies.	229 81
3434	..do..	Weil Brothers.	Lead.	11 64
3435	..do..	Medart Patent Pulley Co.	Keys.	18 39
3436	..do..	Johnson Service Co.	Incidentals.	225 00
3437	..do..	W. Lewis & Co.	Burlap.	2 55
3438	..do..	L. Wolff Mfg. Co.	Valves.	5 19
3439	..do..	Justrite Mfg. Co.	Fire extinguisher.	5 14
3440	..do..	Chicago Fire Brick Co.	Tile.	100 00
3441	..do..	The Burr Co.	Iron guards.	3 50
3442	..do..	Leavitt Mfg. Co.	General supplies.	67 60
3443	..do..	J. Lawrence Erb.	Traveling expenses.	7 54
3444	..do..	M. E. Thompson, Cashier.	Bills paid.	89 13
3445	..do..	M. E. Thompson, Cashier.	..do..	474 01
3446	..do..	Edw. Bartow.	Salary, November, 1915.	333 33
3447	..do..	A. N. Bennett.	..do..	75 00
3448	..do..	H. P. Corson.	..do..	125 00
3449	..do..	W. W. Hanford.	..do..	60 00
3450	..do..	W. F. Langlier.	..do..	125 00
3451	..do..	Ralph Hilscher.	..do..	125 00
3452	..do..	M. E. Thompson, Cashier.	Bills paid.	63 61
3453	..do..	Edward Orton, Jr.	Traveling expense.	25 94
3454	..do..	Edward C. Schmidt.	..do..	20 64
3455	..do..	First National Bank, Königliche Bibliothek.	Books.	21 62
3456	Nov. 17	Central Electric Co.	Electric supplies.	34 26
3457	..do..	Crane Co.	Valves.	14 15
3458	..do..	North Bangor Slate Co.	Slate.	19 64
3459	..do..	Geo. B. Carpenter & Co.	Iron rope and cement.	12 50
3460	..do..	The Western Electric Co.	Electrical supplies.	94 46
3461	..do..	J. D. White.	Postage.	1,003 25
3462	..do..	Harry Herlick.	General supplies.	18 60
3463	..do..	Taylor Hardware Co.	..do..	129 91

## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
<b>1915</b>				
3464	Nov. 17	Johnson Brothers.	Box unions.	\$ 1 76
465	..do.	E. V. Kirby Auto Co.	Auto supplies.	14 20
3466	..do.	Weil Brothers.	Lever handle.	4 79
3467	..do.	Chas. A. Hall Hardware Co.	Shovels.	4 00
3468	..do.	Walker & Mulliken.	Furniture repair.	118 00
3469	..do.	Central Supply Co.	Iron.	8 10
3470	..do.	American Linseed Co.	Linseed oil.	30 67
3471	..do.	Peck & Hills Furniture Co.	Desk.	100 33
3472	..do.	The Caldwell Co.	Mazdas.	10 86
3473	..do.	Chicago Retort & Fire Brick Co.	Tube tile.	180 00
3474	..do.	Manhattan Electric Supply Co.	Electrical supplies.	259 22
3475	..do.	James B. Clow & Sons.	C. I. Drainage "S".	2 64
3476	..do.	Walworth Mfg. Co.	General supplies.	559 30
3477	..do.	Western Valve Co.	Dart unions.	92 76
3478	..do.	Leavitt Mfg. Co.	General supplies.	22 75
3479	..do.	The Chicago Rawhide Mfg. Co.	Rawhide lacing.	3 45
3480	..do.	Johnson Service Co.	Valve diaphragms.	7 06
3481	..do.	Beckley-Cardy Co.	Doormats.	11 25
3482	..do.	National Metal Molding Co.	Conduit.	72 17
3483	..do.	John H. Doyle.	Bolts.	1 40
3484	..do.	Standard Underground Cable Co.	Cable.	54 52
3485	..do.	Wadsworth-Howland Co.	Brushes.	3 30
3486	..do.	Canning Sand Paper Co.	Office supplies.	4 30
3487	..do.	Chicago Belting Co.	Belting.	3 29
3488	..do.	John B. Bennett.	Sewer pipes.	4 10
3489	..do.	Standard Linseed Co.	Turpentine.	22 05
3490	..do.	The Burr Co.	Cable.	1 28
3491	..do.	Lord & Burnham Co.	Labor and material on Palm House.	201 38
3492	..do.	Butler Brothers.	General supplies.	2 94
3493	..do.	J. M. Lindgren.	Services.	7 50
3494	..do.	E. E. Hoskins.	Traveling expenses.	21 02
3495	..do.	H. J. Snider.	..do.	75 87
3496	Nov. 18	R. G. Dun Co.	Fees to institute suit.	12 50
3497	..do.	Fanny B. Sherfy.	Premium on policy.	12 25
3498	..do.	The Alexander Lumber Co.	Lumber.	114 58
3499	..do.	General Electric Co.	Electrical supplies.	331 00
3500	..do.	Harry Herriek.	General supplies.	5 05
3501	..do.	First National Bank, Societe Generale de Pelissierie.	Books.	4 00
3502	..do.	University Club.	Traveling expenses.	10 03
3503	..do.	M. E. Thompson, Cashier.	Payments on account of milk patrons.	104 66
3504	..do.	M. E. Thompson, Cashier.	..do.	61 21
3505	..do.	The Caldwell Co.	Mazdas.	75 15
3506	..do.	E. V. Kirby Auto Co.	Tubes.	2 90
3507	..do.	Swartz Electric Co.	Sockets.	7 15
3508	..do.	The Garlock Packing Co.	Packing.	16 55
3509	..do.	The Foxboro Co.	Charts.	8 09
3510	..do.	Geo. B. Carpenter & Co.	Waste and asbestos.	25 66
3511	..do.	Knowlton & Bennett.	Chemicals.	8 50
3512	..do.	Twin City Roofing Co.	Repairing roof.	13 70
3513	..do.	Jacob White.	Plastering.	10 50
3514	..do.	Wozencroft & Finder.	General supplies.	5 55
3515	..do.	John B. Bennett.	Material and labor.	71 77
3516	..do.	Geo. F. Righter.	Oiled mops.	42 34
3517	..do.	James B. Clow & Sons.	General supplies.	1 86
3518	..do.	Central Electric Co.	Desk lamps.	5 95
3519	..do.	Weimer & Schweinsberg.	Harness repairs.	1 25
3520	..do.	Allis-Chalmers Mfg. Co.	Dixon brushes.	2 48
3521	..do.	Walworth Mfg. Co.	General supplies.	335 54
3522	..do.	C. A. Kiler.	Caning chair.	3 50
3523	..do.	American Linseed Co.	Linseed oil.	33 31
3524	..do.	Ft. Wayne Electric Works of General Electric Co.	Generator and motor.	229 50
3525	..do.	Illinois Engineering Co.	Vacuum valves.	59 29
3526	..do.	F. K. Robeson.	Muslin.	1 00
3527	..do.	M. E. Thompson, Cashier.	Bills paid.	130 42
3528	Nov. 19	Ernst Hertzberg & Sons.	Books.	1 29
3529	..do.	E. H. Decker.	Traveling expenses.	9 89
3530	..do.	The Champlin Printing Co.	Book plates.	2 12
3531	..do.	Flanigan-Pearson Co.	Printing.	4 80
3532	..do.	Ernst Hertzberg & Sons.	Books.	380 35
3533	..do.	M. E. Thompson, Cashier.	Bills paid.	55 88
3534	..do.	M. E. Thompson, Cashier.	..do.	120 51
3535	..do.	M. E. Thompson, Cashier.	..do.	94 38
3536	..do.	Louis Melind Co.	Office supplies.	1 14
3537	..do.	Ernst Hertzberg & Sons.	Books.	14 20

## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
<b>1915</b>				
3538	Nov. 19	Royal A. Stipes	Gravel and sand	\$1,002 57
3539	..do.	The Champaign News	Incidentals	4 00
3540	..do.	Urbana Courier Co.	Advertising	1 80
3541	..do.	Poster Advertising Co.	..do.	20 43
3542	..do.	Collins & Slomp	..do.	11 00
3543	..do.	The Champaign News	..do.	4 00
3544	..do.	The Daily Illini	..do.	8 10
3545	Nov. 23	Ernst Hertzberg & Sons	Books	19 27
3546	..do.	B. H. Blackwell	..do.	1 50
3547	..do.	Ulrico Hoepli	..do.	8 23
3548	..do.	W. B. Castenholz, Comptroller	Miscellaneous bills	2,054 60
3549	..do.	Dixie Book Shop	Books	3 50
3550	..do.	G. E. Stechert & Co.	..do.	16 00
3551	..do.	A. C. McClurg & Co.	..do.	7 43
3552	..do.	M. E. Thompson, Cashier	Bills paid	344 13
3553	..do.	C. J. Welch	Wages, October, 1915	140 00
3554	..do.	Louden & Flanigan	Printing	5 00
3555	..do.	Eisner Grocery Co.	Salt	1 40
3556	..do.	Illinois Traction System	Freight	1 88
3557	..do.	Max Wog	Books	25 40
3558	..do.	The Wabash R. R. Co.	Freight	24 28
3559	..do.	The Wabash R. R. Co., Champaign	..do.	1 20
3560	..do.	The Big Four Ry. Co.	..do.	43 88
3561	..do.	The Big Four Ry. Co.	..do.	48 45
3562	..do.	M. E. Thompson, Cashier	Bills paid	95 04
3563	Nov. 24	Ernst Hertzberg & Sons	Books	43 15
3564	..do.	Willard M. Smith	Traveling expenses	18 25
3565	..do.	R. D. Chadwick	..do.	10 00
3566	..do.	Louis J. Rettger	..do.	9 68
3567	..do.	Big Four Ry. Co.	Freight charges	36 90
3568	..do.	A. C. McClurg & Co.	Books	9 00
3569	..do.	Minnie V. Faris	Services	1 50
3570	..do.	Arcus Ticket Co.	Printing	6 00
3571	..do.	Russell Arbuckle	Labor	50 82
3572	..do.	M. E. Thompson, Cashier	Bills paid	43 81
3573	..do.	W. H. Boyer	Wages, November, 1915	110 00
3574	..do.	C. H. Havens	..do.	133 33
3575	..do.	M. Murphy	..do.	110 00
3576	..do.	T. J. Showers	..do.	133 33
3577	..do.	W. J. Smith	..do.	120 00
3578	Nov. 26	M. E. Thompson, Cashier	Bills paid	66 25
3579	..do.	M. E. Thompson, Cashier	..do.	19 40
3580	..do.	M. E. Thompson, Cashier	..do.	144 00
3581	..do.	M. E. Thompson, Cashier	..do.	70 01
3582	..do.	M. E. Thompson, Cashier	..do.	107 39
3583	..do.	Commanding Officer, Rock Island Arsenal	Military supplies	4 08
3584	..do.	M. E. Thompson, Cashier	Bills paid	119 61
3585	..do.	M. E. Thompson, Cashier	..do.	45 09
3586	Nov. 29	U. S. Blue Print Paper Co.	Office supplies	17 37
3587	..do.	Miller Bryant-Pierce Co.	..do.	50 40
3588	..do.	Louis Melind Co.	Incidentals	4 50
3589	..do.	J. W. Butler Paper Co.	Office supplies	139 35
3590	..do.	Eberhard Faber	..do.	167 13
3591	..do.	A. C. McClurg & Co.	..do.	11 97
3592	..do.	The Weis Mfg. Co.	..do.	27 98
3593	..do.	Louden & Flanigan	Printing	1 00
3594	..do.	Flanigan-Pearson Co.	..do.	175 00
3595	..do.	Whiting Paper Co.	Office supplies	118 27
3596	..do.	Graham Paper Co.	Blotting	9 00
3597	..do.	Irving Pitt Mfg. Co.	General supplies	10 10
3598	..do.	Little, Brown & Co.	Books	3 25
3599	..do.	Ernst Hertzberg & Sons	..do.	9 00
3600	..do.	D. H. Lloyd	Office supplies	1 47
3601	..do.	J. D. White	Postal cards	114 50
3602	Nov. 30	The Cleveland Grain Co.	Corn	552 00
3603	..do.	Electric Coal Co.	Coal	475 10
3604	..do.	D. H. Lloyd	Office supplies	2 37
3605	..do.	AnSCO Co.	Blue print supplies	12 50
3606	..do.	M. E. Thompson, Cashier	Bills paid	197 87
3607	..do.	W. D. Messinger & Co.	Printing	75 75
3608	..do.	The Frederick Post Co.	Blue printing supplies	44 30
3609	..do.	A. O. Magnuson	Wages, November, 1915	90 00
3610	..do.	Kelsey B. Gardner	..do.	80 00
3611	..do.	Robert Schmidt	General supplies	1 05
3612	..do.	The Macmillan Co.	Books	2 00
3613	..do.	Ralph Engle	Wages, November, 1915	30 00
3614	..do.	M. E. Thompson, Cashier	Bills paid	3 65



## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
3615	1915			
Nov. 30	Vaughan's Seed Store	Seeds.	\$ 1 00	
3616	do.	M. E. Thompson, Cashier	Bills paid.	302 70
3617	do.	M. E. Thompson, Cashier	Dairy bills.	92 57
3618	do.	Mrs. Cecil F. Baker	Lectures	30 00
3619	do.	Mrs. E. W. Donoho	Demonstration school	30 00
Dec. 2	Sarah McKenzie	Services	40 00	
3620	do.	Wm. Hix	Teaming for University	123 00
3621	do.	M. E. Thompson, Cashier	Bills paid	207 84
3622	do.	W. B. Day, Actuary	Petty expenses.	63 16
3623	do.	Chas. S. Richmond, President.	Traveling expenses.	56 30
3625	Dec. 4	M. E. Applegate	Wages, November, 1915.	55 20
3626	do.	W. M. Atwell	do.	68 08
3627	do.	J. E. Bailey	do.	51 82
3628	do.	Geo. Boyer	do.	47 88
3629	do.	John Brauligan	do.	68 60
3630	do.	J. E. Browning	do.	61 12
3631	do.	Harry Brown	do.	66 14
3632	do.	Basil Brown	do.	62 61
3633	do.	D. M. Bullock	do.	66 32
3634	do.	Thos. Butler	do.	62 00
3635	do.	Karl Cagan	do.	62 00
3636	do.	Rolia S. Carson	do.	61 60
3637	do.	J. Cassidy	do.	22 80
3638	do.	John Ceduskey	do.	76 56
3639	do.	J. W. Cheever	do.	52 20
3640	do.	Bert Clark	do.	61 20
3641	do.	A. L. Collins	do.	68 52
3642	do.	B. F. Crakel	do.	38 08
3643	do.	F. Crathorne	do.	83 20
3644	do.	F. E. Crump	do.	69 30
3645	do.	Jos. Davis	do.	69 30
3646	do.	B. F. English	do.	68 00
3647	do.	Thos. J. Fey	do.	83 40
3648	do.	M. J. Fener	do.	52 60
3649	do.	Fred Fender	do.	81 92
3650	do.	Lois Fender	do.	97 20
3651	do.	T. J. Ficus	do.	67 26
3652	do.	Frank Fogarty	do.	57 18
3653	do.	Wm. Fogarty	do.	53 00
3654	do.	Pelix Fox	do.	83 00
3655	do.	Chas. Fox	do.	79 35
3657	do.	F. T. Franklin	do.	61 18
3658	do.	C. Y. Freeman	do.	40 94
3659	do.	V. S. Glenn	do.	87 86
3660	do.	W. H. Graybeal	do.	63 21
3661	do.	Sell Hamlin	do.	77 15
3662	do.	Samuel Hanson	do.	68 62
3663	do.	E. J. Harzen	do.	58 80
3664	do.	L. T. Heinz	do.	98 28
3665	do.	Harry Higgins	do.	80 40
3666	do.	Chas. Hill	do.	98 28
3667	do.	W. G. Hixon	do.	37 70
3668	do.	F. F. Hoover	do.	57 86
3669	do.	Ross Hutton	do.	71 76
3670	do.	F. M. Irvine	do.	73 70
3671	do.	Jas. Irvine	do.	53 23
3672	do.	A. L. Johnson	do.	45 99
3673	do.	C. G. Johnson	do.	61 11
3674	do.	E. Johns	do.	44 20
3675	do.	Margaret Jones	do.	108 00
3676	do.	E. W. Justus	do.	69 50
3677	do.	Timothy Kenney	do.	89 30
3678	do.	J. A. J. Kien	do.	83 20
3679	do.	A. Langhoff	do.	67 98
3680	do.	Fred Langhoff	do.	64 40
3681	do.	A. G. Liffon	do.	79 20
3682	do.	J. F. Long	do.	70 15
3683	do.	H. H. Mahorney	do.	66 70
3684	do.	O. E. Meenach	do.	49 98
3685	do.	O. L. Mendenhall	do.	57 16
3686	do.	Dan Meenely	do.	83 96
3687	do.	C. M. Miller	do.	62 48
3688	do.	D. L. Moody	do.	49 10
3689	do.	P. O. Moore	do.	44 20
3690	do.	Rebecca Morgan	do.	61 20
3691	do.	Jesse Meyers	do.	75 36
3692	do.	A. J. McAlister	do.	

## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
3683	Dec. 4 1915	Jas. McCutlough.....	Wages November, 1915.	\$ 56 40
3684	do.	Frances E. McClughen.....	do.	44 26
3685	do.	B. F. McDaniel.....	do.	55 60
3686	do.	W. J. McFadden.....	do.	46 20
3687	do.	J. E. Newton.....	do.	66 86
3688	do.	C. M. Ollis.....	do.	58 80
3689	do.	R. A. Palreymann.....	do.	57 96
3700	do.	F. H. Pariss.....	do.	62 70
3701	do.	F. M. Perry.....	do.	68 02
3702	do.	Nick Peterson.....	do.	35 94
3703	do.	E. W. Persson.....	do.	32 80
3704	do.	J. F. Furlins.....	do.	02 26
3705	do.	Chas. Reiman.....	do.	50 00
3706	do.	Ed. Richards.....	do.	104 16
3707	do.	Mary J. Ryan.....	do.	39 85
3708	do.	Fred Thark.....	do.	49 60
3709	do.	A. Servis.....	do.	71 80
3710	do.	L. H. Smoock.....	do.	54 48
3711	do.	J. C. Sinder.....	do.	54 48
3712	do.	Frank Stalter.....	do.	69 69
3713	do.	L. M. Stearns.....	do.	60 66
3714	do.	Elmer Stratton.....	do.	79 82
3715	do.	Gus Strum.....	do.	69 96
3716	do.	Otto Swearingen.....	do.	00 72
3717	do.	Wm. Templin.....	do.	92 08
3718	do.	H. L. Thompson.....	do.	70 20
3719	do.	I. F. Thomson.....	do.	72 50
3720	do.	Geo. Toy.....	do.	02 10
3721	do.	Geo. Turner.....	do.	68 08
3722	do.	O. J. Utterback.....	do.	72 25
3723	do.	A. Warbler.....	do.	78 27
3724	do.	Edwin Wells.....	do.	63 75
3725	do.	Ed. Wharmby.....	do.	53 42
3726	do.	Wm. White.....	do.	98 00
3727	do.	Walter Wingler.....	do.	46 80
3728	do.	Otto West.....	do.	40 80
3729	do.	Amos Wright.....	do.	90 00
3730	do.	J. J. Yaw.....	do.	48 70
3731	do.	J. C. Bernard.....	do.	100 00
3732	do.	C. L. Gustafson.....	do.	140 00
3733	do.	A. L. Davis.....	do.	143 00
3734	do.	H. L. Kelley.....	do.	135 00
3735	do.	Gary C. Kinnore.....	do.	80 00
3736	do.	John Deely.....	do.	62 32
3737	do.	Jas. O'Neil.....	do.	120 00
3738	do.	I. D. Crane.....	do.	105 75
3739	do.	C. M. Doolack.....	do.	89 60
3740	do.	Chas. Gundlock.....	do.	70 88
3741	do.	W. J. Landcroft.....	do.	76 40
3742	do.	I. H. Miller.....	do.	68 70
3743	do.	W. C. Prevett.....	do.	105 75
3744	do.	G. Rittenhouse.....	do.	54 60
3745	do.	Martin Sandwell.....	do.	43 55
3746	do.	A. C. Sandie.....	do.	90 00
3747	do.	Wesley Wilson.....	do.	58 20
3748	do.	Frank W. Hitz.....	do.	85 20
3749	do.	Paul W. Hitz.....	do.	85 20
3750	do.	C. J. Walsh.....	do.	140 00
3751	do.	Otto Kroegei.....	do.	25 20
3752	do.	A. I. Hooker.....	do.	22 00
3753	do.	M. C. Booher.....	do.	61 80
3754	do.	John G. Clark.....	do.	92 00
3755	do.	C. A. Dunsath.....	do.	77 40
3756	do.	Ray Long.....	do.	93 60
3757	do.	Carl Messel.....	do.	53 75
3758	do.	Carl Neiblock.....	do.	62 32
3759	do.	Wm. Quinn.....	do.	62 32
3760	do.	Randolph Smith.....	do.	54 60
3761	do.	O. B. Vanderspand.....	do.	56 80
3762	do.	I. H. Vandtveener.....	do.	52 88
3763	do.	T. B. Walker.....	do.	27 33
3764	do.	Clark Bullard.....	do.	125 00
3765	do.	Robert Antoszewski.....	do.	88 80
3766	do.	John S. Balcz.....	do.	29 60
3767	do.	Geo. Courtney.....	do.	14 60
3768	do.	Alva J. Giddon.....	do.	20 80
3769	do.	Ernest Knechtler.....	do.	11 60
3770	do.	G. Lambroff.....	do.	8 30
				20 60

## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1915			
3771	Dec. 4	Wm. Lathrop.....	Wages, November, 1915.....	\$21 60
3772	do.	Adrian Lindley.....	do.	11 00
3773	do.	Walker Means.....	do.	9 00
3774	do.	L. C. McCaskill.....	do.	20 00
3775	do.	A. C. Schneider.....	do.	22 40
3776	do.	J. C. Sharp.....	do.	19 80
3777	do.	E. F. Shelley.....	do.	14 60
3778	do.	Alfred Spates.....	do.	4 60
3779	do.	W. W. Stockton.....	do.	19 00
3780	do.	Frank Sturart.....	do.	15 00
3781	do.	Earl Severson.....	do.	10 80
3782	do.	F. M. VanNatter.....	do.	9 60
3783	do.	W. P. White.....	do.	8 00
3784	do.	Wilbur Youngman.....	do.	7 00
3785	do.	A. R. Moore.....	do.	15 00
3786	do.	Morris Munson.....	do.	55 20
3787	do.	D. E. Miller.....	do.	8 00
3788	do.	Bayard T. Klotzsche.....	do.	30 60
3789	do.	Berthier Fairbanks.....	do.	17 40
3790	do.	Reuben W. Peterson.....	do.	9 00
3791	do.	T. H. Armstrong.....	do.	13 00
3792	do.	C. G. Howard.....	do.	21 00
3793	do.	L. C. Raines.....	do.	6 40
3794	do.	J. C. Larson.....	do.	23 70
3795	do.	A. P. Brown.....	do.	20 00
3796	do.	Esther Eppinger.....	do.	25 00
3797	do.	Myrtle E. Honey.....	do.	8 80
3798	do.	Josephine Lindholm.....	do.	10 40
3799	do.	J. H. Gage.....	do.	9 80
3800	do.	E. R. Schultz.....	do.	13 80
3801	do.	L. F. Draper.....	do.	14 25
3802	do.	Edna Hedrick.....	do.	5 20
3803	do.	Irma Houser.....	do.	7 30
3804	do.	M. Velma Jamison.....	do.	5 40
3805	do.	H. W. Kamp.....	do.	8 00
3806	do.	Adolph Paul.....	do.	9 70
3807	do.	Miriam Fasold.....	do.	4 95
3808	do.	L. D. Bunting.....	do.	23 75
3809	do.	Russell Castle.....	do.	31 75
3810	do.	C. A. Drake.....	do.	19 40
3811	do.	R. W. Schecter.....	do.	16 10
3812	do.	Mary Belle Sheridan.....	do.	6 40
3813	do.	Ella Tillotson.....	do.	10 29
3814	do.	Grace Geyer.....	do.	5 00
3815	do.	L. J. Henrich.....	do.	5 20
3816	do.	C. M. Smith.....	do.	11 60
3817	do.	E. P. Holman.....	do.	10 60
3818	do.	D. F. Fleming.....	do.	16 40
3819	do.	L. S. Moore.....	do.	7 30
3820	do.	Agnes Wright.....	do.	4 20
3821	do.	George Allen.....	do.	2 20
3822	do.	E. Anastasiades.....	do.	11 00
3823	do.	Frances Klank.....	do.	12 20
3824	do.	J. B. Angus.....	do.	4 60
3825	do.	R. H. Brooks.....	do.	15 70
3826	do.	C. K. Gabriel.....	do.	5 00
3827	do.	C. C. Foulk.....	do.	19 00
3828	do.	J. K. Prim.....	do.	10 42
3829	do.	W. C. Troutman.....	do.	10 10
3830	do.	C. M. Lindsley.....	do.	4 63
3831	do.	H. P. Greison.....	do.	16 00
3832	do.	L. J. Ludwig.....	do.	14 00
3833	do.	L. McAfee.....	do.	7 40
3834	do.	Oberl Beatty.....	do.	20 00
3835	do.	Raymond Britt.....	do.	18 00
3836	do.	Glenn F. Griffin.....	do.	23 70
3837	do.	C. H. Lawrence.....	do.	16 90
3838	do.	W. B. Newlin.....	do.	12 30
3839	do.	H. Reichelderfer.....	do.	13 80
3840	do.	C. E. Runyan.....	do.	6 48
3841	do.	F. E. Cavette.....	do.	40 00
3842	do.	H. R. Stanford.....	do.	83 23
3843	do.	E. S. Axline.....	do.	28 75
3844	do.	W. F. Campbell.....	do.	31 50
3845	do.	H. C. Eckstein.....	do.	75 00
3846	do.	H. A. Shonle.....	do.	29 00
3847	do.	A. R. Barker.....	do.	21 65
3848	do.	D. J. Campbell.....	do.	7 00

## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1915			
3849	Dec. 4	E. E. Elliott	Wages, November, 1915.	\$ 21 90
3850	do.	H. S. Hinriche	do.	2 95
3851	do.	W. T. Martin	do.	9 95
3852	do.	H. W. Miner	do.	16 90
3853	do.	R. L. Reece	do.	38 65
3854	do.	G. A. Grose	do.	2 80
3855	do.	M. Russell Davis	do.	25 20
3856	do.	Ruth I. Mussen	do.	17 10
3857	do.	Arthur Sempie	do.	19 35
3858	do.	R. F. Harvey	do.	31 20
3859	do.	W. R. Jones	do.	34 00
3860	do.	Foyd Keeners	do.	26 50
3861	do.	Loyd Keeners	do.	25 05
3862	do.	J. L. Munson	do.	2 55
3863	do.	Stanley Wilkins	do.	30 00
3864	do.	G. H. Dungan	do.	37 50
3865	do.	V. H. Kern	do.	13 50
3866	do.	E. F. Murphy	do.	14 55
3867	do.	C. M. Lindsey	do.	13 00
3868	do.	A. E. McCoy	do.	20 00
3869	do.	Douglas Wright Jr.	do.	13 00
3870	do.	H. F. Thurlow	do.	11 30
3871	do.	Baker & Co.	Platinum crucible	7 40
3872	do.	Ernst Hertzberg & Sons	Books	9 60
3873	do.	Louis Melind Co.	Office supplies	6 85
3874	do.	Eberhard Faber	Erasers and band	10 15
3875	do.	Remington Typewriter Co.	General supplies	1 00
3876	do.	The Weis Mfg. Co.	do.	6 35
3877	do.	Eisner Grocery Co.	Granulated sugar	6 10
3878	do.	Creamery Package Mfg. Co.	Labor	137 82
3879	do.	The Daily Illini	Balance on subscription	2 50
3880	do.	Michael Schreyer	Refund	55 00
3881	do.	Flanigan-Pearson Co.	Printing	16 00
3882	do.	Paul Arndt	Wages, November, 1915.	8 30
3883	do.	S. R. Farah	do.	14 10
3884	do.	R. E. McDowell	do.	30 60
3885	do.	R. M. Strickland	do.	13 00
3886	do.	M. F. Baldwin	do.	1 00
3887	do.	Ray H. Freark	do.	1 80
3888	do.	E. E. Randall	do.	4 00
3889	do.	Lloyd B. Dickey	do.	44 75
3890	do.	M. E. Thompson, Cashier	Bills paid	114 11
3891	do.	F. L. Stevens	Petty expenses	3 81
3892	Dec. 6	The Big Four Ry. Co.	Freight	10 91
3893	do.	The Wabash R. R. Co.	do.	150 16
3894	do.	Illinois Central Ry. Co.	do.	30 03
3895	do.	John H. Steiner	Services	1 50
3896	do.	Harvey R. Richardson	Wages, November, 1915.	25 50
3897	do.	Donald G. Evans	do.	24 25
3898	do.	H. T. Gallaher	do.	12 90
3899	do.	Frank Leggett	do.	20 50
3900	do.	K. E. Geisendorfer	do.	28 60
3901	do.	M. Morrell	do.	41 20
3902	do.	F. Louret	do.	36 00
3903	do.	F. Stewart	do.	25 10
3904	do.	Roy Johnson	do.	23 45
3905	do.	E. Johnson	do.	32 50
3906	do.	M. E. Thompson, Cashier	Bills paid	42 37
3907	do.	Twin City Ice & Cold Storage Co.	Storage	9 67
3908	do.	Mrs. F. E. McClughen	Laundry	18 77
3909	Dec. 8	Lee Keedick	Lectures	200 00
3910	do.	M. E. Thompson, Cashier	Bills paid	96 96
3911	do.	M. E. Thompson, Cashier	do.	99 50
3912	do.	M. E. Thompson, Cashier	do.	509 46
3913	do.	M. E. Thompson, Cashier	do.	38 70
3914	do.	M. E. Thompson, Cashier	do.	125 43
3915	do.	United States Post Office	Postage	3 00
3916	do.	Peck & Halls Furniture Co.	Table	41 16
3917	do.	P. S. Campbell	Printing	2 00
3918	do.	The Wabash R. R. Co.	Freight	1 51
3919	do.	Big Four Ry. Co., Champaign	do.	90 84
3920	do.	Guy B. Reno	Wages, November, 1915.	11 80
3921	do.	Walter T. Day	do.	11 20
3922	do.	William Harris	do.	11 80
3923	do.	Kalsh Kenshalo	do.	9 80
3924	do.	Sherman Morgan	do.	7 40
3925	do.	Elliott Billman	do.	25 65
3926	do.	John Breedis	do.	14 00

## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
1915				
3927	Dec. 8	J. F. Smith.....	Wages, November, 1915.....	\$ 12 40
3928	Dec. 11	McKey & Poague.....	Payment on college property.....	500 00
3929	..do..	The Peoples Gas Light & Coke Co.....	Gas.....	63 52
3930	..do..	Mrs. Anna Langhoff.....	Laundering.....	5 90
3931	..do..	Burke & James.....	Lantern slides.....	3 19
3932	..do..	Geo. Murphy.....	Blueprint supplies.....	8 44
3933	..do..	David T. Abercrombee.....	Photo supplies.....	6 50
3934	..do..	T. A. Clark.....	Traveling expenses.....	11 74
3935	..do..	Edward Lerch.....	Wages, November, 1915.....	18 44
3936	..do..	M. E. Thompson, Cashier.....	Dairy bills.....	211 32
3937	..do..	C. Anderson.....	Wages, November, 1915.....	11 82
3938	..do..	C. S. Breeze.....	..do.....	10 00
3939	..do..	N. N. Felton.....	..do.....	10 00
3940	..do..	Jas. Rowe.....	..do.....	11 44
3941	..do..	Twin City Roofing Co.....	General supplies.....	105 83
3942	..do..	James B. Clow Sons.....	..do.....	13 41
3943	..do..	A. C. McClurg & Co.....	Class records.....	27 31
3944	..do..	General Electric Co.....	Electrical supplies.....	181 86
3945	..do..	William Rathala.....	Rebate.....	60 00
3946	..do..	Taylor Hardware Co.....	General supplies.....	56 96
3947	..do..	Smith-Totman Co.....	H. P. cement and covg.....	133 05
3948	..do..	Stipes & Hecker.....	Cement.....	3 80
3949	..do..	D. H. Lloyd.....	Shipping tags.....	9 00
3950	..do..	F. K. Robeson.....	Gold dust.....	21 25
3951	..do..	Green Engineering Co.....	Drop hanger boxes.....	2 30
3952	..do..	Manhattan Electric Supply Co.....	Electrical supplies.....	66 62
3953	..do..	Federal Sign System.....	Cluster lights.....	22 80
3954	..do..	National X-Ray Reflector Co.....	Reflectors.....	21 50
3955	..do..	H. Mueller Mfg. Co.....	Calking irons.....	7 34
3956	..do..	Weil Brothers.....	Lever handle.....	1 81
3957	..do..	John W. Spalding.....	Horseshoes.....	3 00
3958	..do..	Jacob White.....	Stucco work.....	40 55
3959	..do..	C. H. Besly & Co.....	General supplies.....	13 20
3960	..do..	Specialty Soap & Oil Co.....	Cleanser.....	8 13
3961	..do..	Geo. B. Carpenter & Co.....	Marline.....	4 50
3962	..do..	Harry Herrick.....	Lamp.....	2 00
3963	..do..	Oldham Brothers.....	Chemicals.....	16 35
3964	..do..	Sheldon Brick & Building Supply Co.....	Labor and material.....	473 14
3965	Dec. 14	F. M. Lescher.....	Services.....	4 50
3966	..do..	Ernst Hertzberg & Sons.....	Books.....	41 16
3967	..do..	M. E. Thompson, Cashier.....	Dairy bills.....	99 33
3968	..do..	M. E. Thompson, Cashier.....	Material furnished from University storeroom.....	6,294 96
3969	..do..	John B. Bennett.....	Labor and material.....	120 07
3970	..do..	Reliable Plumbing & Heating Co.....	General supplies.....	5 32
3971	..do..	Bacon Brothers.....	Paint.....	5 20
3972	..do..	The Alexander Lumber Co.....	Lumber.....	83 10
3973	..do..	Weimer & Schweinsberg.....	Harness repair.....	2 25
3974	..do..	Shelton Electric Co.....	Dryer repair.....	6 75
3975	..do..	Shapleigh Hardware Co.....	Baskets.....	10 75
3976	..do..	Brash Vulcanizing Works.....	Vulcanizing tires.....	6 25
3977	..do..	Western Valve Co.....	Asbestos discs.....	6 18
3978	..do..	W. D. Allen Mfg. Co.....	Rubber boots.....	24 00
3979	..do..	American LaFrance Fire Engine Co.....	Pipe clamps.....	3 60
3980	..do..	The L. S. Starrett Co.....	H. S. blades.....	6 01
3981	..do..	Swartz Electric Shop.....	Bell transformer.....	2 25
3982	..do..	General Electric Co.....	Carbon brushes.....	1 52
3983	..do..	The Western Gas Fixture Co.....	Electrical supplies.....	16 58
3984	..do..	The Eclipse Paint & Mfg. Co.....	Paint.....	5 50
3985	..do..	Frank M. Lescher.....	Services.....	13 12
3986	..do..	William J. Thexton.....	..do.....	486 45
3987	..do..	A. J. Nickerson.....	Wages, November, 1915.....	60 00
3988	..do..	M. E. Thompson, Cashier.....	Dairy bills.....	94 42
3989	..do..	W. H. Boyer.....	Wages, December, 1915.....	110 00
3990	..do..	C. H. Havens.....	..do.....	133 33
3991	..do..	M. Murphy.....	..do.....	110 00
3992	..do..	T. J. Showers.....	..do.....	133 33
3993	..do..	W. J. Smith.....	..do.....	120 00
3994	Dec. 16	Corbin Cabinet Lock Co.....	Key blanks.....	1 58
3995	..do..	John B. Bennett.....	Labor.....	16 62
3996	..do..	John M. Spalding.....	Horseshoes.....	4 00
3997	..do..	The Philip Carey Co.....	Cement.....	5 00
3998	..do..	American Steam Gauge & Valve Mfg. Co.....	Repair work.....	3 50
3999	..do..	Decatur Bridge Co.....	Steel frame work.....	395 00
4000	..do..	Charles Graham Chemical Pottery Works.....	General supplies.....	170 25
4001	..do..	American Can Co.....	Baskets and buckets.....	17 45
4002	..do..	C. H. Brownell.....	Incidental.....	38 00
4003	..do..	The Flannagan & Biedenweg Co.....	Ruby glass.....	1 50

## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1915			
4004	Dec. 16	Beckley-Cardy Co.	Mats	\$ 7 50
4005	do	Allis-Chalmers Mfg. Co.	Graphite brushes	1 30
4006	do	American Steel & Wire Co.	Wire	4 08
4007	do	Leavitt Mfg. Co.	Conveyor buckets	36 00
4008	do	H. Mueller Mfg. Co.	General supplies	15 33
4009	do	Buffalo Meter Co.	Meter	13 60
4010	do	Indianapolis Paint & Color Co.	Paint	131 30
4011	do	The Patterson-Sargent Co.	do	11 32
4012	do	Edw. R. Ladew Co.	Plint	149 80
4013	do	National X-Ray Reflector Co.	Reflectors	13 50
4014	do	Shapleigh Hardware Co.	Sash chains	16 00
4015	do	Fuller-Morrison Co.	White glue	14 50
4016	do	Otis Elevator Co.	Copper contacts	6 00
4017	do	American Linseed Co.	Raw linseed	32 88
4018	do	Edw. Smith & Co.	Floor varnish	26 06
4019	do	Harry Herrick	Supplies	38 07
4020	do	Marshall Field & Co.	Hospital gauze	24 38
4021	do	Scott Paper Co.	Towels	12 25
4022	do	The Garlock Packing Co.	Packing	37 38
4023	do	Central Electric Co.	Wire and clamps	20 00
4024	do	E. M. Moll	Gasoline	1 95
4025	do	W. D. Allen Mfg. Co.	Rubber boots	4 00
4026	do	A. C. McClurg & Co.	Crayon	9 40
4027	do	Knowlton & Bennett	Alcohol	5 00
4028	do	Taylor Hardware Co.	Tar paper	2 50
4029	do	Southern Illinois Penitentiary	Brushes	38 75
4030	do	Manhattan Electric Supply Co.	Cartridge fuses	83 92
4031	do	Hunter Rourke & Co.	Lumber	32 58
4032	do	Western Valve Co.	Valves	2 32
4033	do	National Carbon Co.	Electric supplies	27 53
4034	do	Justrite Mfg. Co.	Fire extinguisher	5 25
4035	do	James B. Clow & Sons	Soap dishes	20 16
4036	do	M. E. Thompson, Cashier	Bills paid	43 57
4037	do	M. E. Thompson, Cashier	do	11 38
4038	do	M. E. Thompson, Cashier	do	37 00
4039	do	M. E. Thompson, Cashier	do	69 52
4040	do	M. E. Thompson, Cashier	do	65 47
4041	do	M. E. Thompson, Cashier	do	33 00
4042	do	The Storrs & Harrison Co.	General supplies	323 35
4043	do	Ideal Electric Co.	Fixture wire	3 57
4044	do	Western Valve Co.	Asbestos discs	3 18
4045	do	Henry A. Dreer	General supplies	2 44
4046	do	Stipes & Hecker	Lime	2 30
4047	do	Pyrene Mfg. Co.	Fire extinguishers	35 00
4048	do	Reliable Plumbing & Heating Co.	General supplies	9 69
4049	do	The Caldwell Co.	Electric supplies	179 98
4050	do	S. E. Huff & Co.	General supplies	301 65
4051	do	Taylor Hardware Co.	do	66 59
4052	do	The Burr Co.	do	209 05
4053	do	Bacon Brothers	do	46 05
4054	do	Eisner Grocery Co.	do	3 05
4055	do	West Disinfecting Co.	do	56 50
4056	do	Pittsburgh Plate Glass Co.	Glass	18 30
4057	do	The Western Electric Co.	Electrical supplies	11 06
4058	do	R. C. Wagner & Son	Labor	388 95
4059	do	Peck & Hills Furniture Co.	General supplies	5 24
4060	Dec. 17	W. Lewis & Co.	do	8 65
4061	do	Crane Co.	do	588 06
4062	do	Geo. B. Carpenter & Co.	Office supplies	44 20
4063	do	M. E. Thompson, Cashier	Bills paid	616 29
4064	do	Stephen von Steuben	Refund of fee	35 00
4065	do	National Biscuit Co.	General supplies	3 90
4066	do	The Big Four R. R. Co.	Freight	14 56
4067	do	The Wabash R. R. Co.	do	138 72
4068	do	Illinois Central Ry. Co.	do	436 14
4069	do	Illinois Traction System	do	6 12
4070	do	The Big Four R. R. Co., Urbana	do	137 88
4071	do	M. E. Thompson, Cashier	Bills paid	14 87
4072	do	M. E. Applegate	Wages, December, 1915	27 00
4073	do	W. M. Atwell	do	37 26
4074	do	J. E. Bailey	do	33 00
4075	do	A. J. Booker	do	44 00
4076	do	M. C. Boober	do	46 80
4077	do	Geo. Boyer	do	30 03
4078	do	John Brannigan	do	28 00
4079	do	J. E. Browning	do	27 30
4080	do	Harry Brown	do	33 66
4081	do	Basil Brown	do	34 56

## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1915			
4082	Dec. 17	D. M. Bullock	Wages, December, 1915	\$36 34
4083	do.	Thos. Butler	do.	33 24
4084	do.	Karl Cagan	do.	33 38
4085	do.	Rolla S. Carson	do.	26 40
4086	do.	John Ceduskey	do.	36 96
4087	do.	J. W. Cheever	do.	27 60
4088	do.	Bert Clark	do.	31 50
4089	do.	John C. Clark	do.	33 75
4090	do.	A. L. Collins	do.	32 34
4091	do.	B. F. Crackel	do.	29 70
4092	do.	F. Crathorne	do.	41 60
4093	do.	F. E. Crum	do.	34 65
4094	do.	Jos. Davis	do.	30 03
4095	do.	C. A. Dunseth	do.	46 80
4096	do.	B. F. English	do.	33 85
4097	do.	Thos. J. Fay	do.	46 50
4098	do.	M. Felgner	do.	29 20
4099	do.	Fred Fender	do.	45 12
4100	do.	Louis Fender	do.	34 10
4101	do.	J. C. Fiscus	do.	46 80
4102	do.	J. J. Fiscus	do.	34 50
4103	do.	Frank Fogarty	do.	26 98
4104	do.	Wm. Fogarty	do.	26 30
4105	do.	Felix Fox	do.	31 50
4106	do.	Guy Fox	do.	31 39
4107	do.	F. T. Franklin	do.	31 90
4108	do.	C. Y. Freeman	do.	30 80
4109	do.	V. S. Glenn	do.	29 21
4110	do.	W. H. Graybeal	do.	29 66
4111	do.	Sell Hamlin	do.	30 30
4112	do.	Samuel Hanson	do.	35 22
4113	do.	E. J. Hargan	do.	31 76
4114	do.	L. T. Heinz	do.	29 61
4115	do.	Harry Higgins	do.	43 20
4116	do.	Chas. Hill	do.	49 14
4117	do.	F. F. Hoover	do.	31 46
4118	do.	Ross Hutton	do.	33 58
4119	do.	F. M. Irvine	do.	36 98
4120	do.	Jas. Irvine	do.	27 19
4121	do.	A. L. Johnson	do.	27 30
4122	do.	C. C. Johnson	do.	30 87
4123	do.	E. Johns	do.	28 14
4124	do.	Margaret Jones	do.	22 10
4125	do.	E. W. Justus	do.	54 00
4126	do.	Timothy Kenney	do.	30 00
4127	do.	J. A. J. Klien	do.	34 65
4128	do.	A. Langhoff	do.	41 60
4129	do.	Fred Langhoff	do.	31 05
4130	do.	A. C. Litton	do.	33 22
4131	do.	J. F. Long	do.	39 60
4132	do.	Roy Long	do.	31 25
4133	do.	H. H. Mahorney	do.	35 42
4134	do.	S. Massel	do.	31 05
4135	do.	O. E. Meenach	do.	28 75
4136	do.	O. L. Mendenhalle	do.	27 93
4137	do.	Dan Meneeley	do.	32 89
4138	do.	C. M. Miller	do.	30 80
4139	do.	D. L. Moody	do.	33 00
4140	do.	P. O. Moore	do.	25 30
4141	do.	Rebecca Morgan	do.	22 10
4142	do.	Jesse Myers	do.	30 96
4143	do.	A. J. McAlister	do.	36 96
4144	do.	Jas. McCullough	do.	31 90
4145	do.	Frances E. McClughen	do.	22 10
4146	do.	B. F. McDaniel	do.	29 40
4147	do.	W. J. McFadden	do.	23 98
4148	do.	Carl Neblock	do.	42 90
4149	do.	J. R. Newton	do.	37 92
4150	do.	C. M. Ollis	do.	29 61
4151	do.	R. A. Palfreyman	do.	28 98
4152	do.	F. H. Parris	do.	31 68
4153	do.	F. M. Perry	do.	32 66
4154	do.	Nick Peterson	do.	27 72
4155	do.	E. W. Presson	do.	27 60
4156	do.	J. F. Purkins	do.	32 23
4157	do.	Wm. Quinn	do.	28 56
4158	do.	Randolph Smith	do.	33 00
4159	do.	Chas. Redman	do.	46 80

## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1915			
4160	Dec. 17	Ed. Richards	Wages, December, 1915	\$ 50 40
4161	do	Mary Ryan	do	18 70
4162	do	Fred Ruark	do	26 60
4163	do	A. Servis	do	35 88
4164	do	Lloyd Smock	do	28 00
4165	do	J. C. Snider	do	27 72
4166	do	Frank Stateleer	do	35 42
4167	do	L. M. Stearns	do	30 24
4168	do	Elmer Stratton	do	45 06
4169	do	Gus Strum	do	40 50
4170	do	Otto Swearingen	do	31 90
4171	do	Wm. Templin	do	46 80
4172	do	H. L. Thompson	do	30 58
4173	do	I. F. Tillotson	do	36 75
4174	do	Geo. Toy	do	34 96
4175	do	Geo. Turner	do	35 65
4176	do	O. J. Utterback	do	30 80
4177	do	O. R. Van Ostrand	do	30 37
4178	do	J. H. Vandiverter	do	46 80
4179	do	T. E. Walker	do	21 00
4180	do	A. Warmbier	do	43 06
4181	do	Edwin Wells	do	33 41
4182	do	Ed. Warmby	do	34 50
4183	do	Wm. Wilde	do	48 00
4184	do	Walter Wingler	do	26 00
4185	do	Otto Wrest	do	25 80
4186	do	Amos Wright	do	46 80
4187	do	J. J. Yeaw	do	28 60
4188	do	John Begley	do	18 34
4189	do	W. C. Frevette	do	29 80
4190	do	L. C. Bernard	do	45 00
4191	do	Clark Bullard	do	62 50
4192	do	A. L. Bevis	do	71 50
4193	do	C. L. Gustafson	do	70 00
4194	do	G. C. Faurote	do	30 00
4195	do	Morris Munson	do	30 00
4196	do	Jas. Casad	do	57 60
4197	do	Frank Claney	do	57 93
4198	do	J. D. Craig	do	46 80
4199	do	C. M. Davis	do	40 95
4200	do	Chas. Gundlock	do	42 00
4201	do	W. J. Langhoff	do	39 60
4202	do	J. M. Miller	do	58 50
4203	do	G. Rittenhouse	do	22 05
4204	do	Martin Sandwell	do	46 80
4205	do	A. C. Speedie	do	46 80
4206	do	Wesley Wilson	do	46 80
4207	do	C. J. Welch	do	67 20
4208	do	Frank Wiltz	do	42 50
4209	do	Geo. King	do	29 93
4210	do	Otto Kreigl	do	12 80
4211	Dec. 18	W. W. Hanford	Balance of salary	20 00
4212	do	A. C. McClurg & Co.	General supplies	25 30
4213	do	The Big Four Ry. Co.	Freight	2 67
4214	do	The Wabash Ry. Co.	do	3 74
4215	do	Schaefer & Dolan	Bonds	50 00
4216	do	Schermerhorn Brothers	Mops	17 64
4217	do	Whiting Paper Co.	Freight	1 33
4218	do	The Big Four Ry. Co., Urbana	do	46 40
4219	Dec. 21	Boeckeler Lumber Co.	General supplies	518 90
4220	do	The Big Four Ry. Co.	Freight	21 57
4221	do	M. E. Thompson, Cashier	Bills paid	168 62
4222	do	M. E. Thompson, Cashier	do	592 67
4223	do	M. E. Thompson, Cashier	do	121 65
4224	do	M. E. Thompson, Cashier	do	121 94
4225	do	M. E. Thompson, Cashier	do	54 99
4226	do	M. E. Thompson, Cashier	do	57 50
4227	do	R. C. Wagner & Son	Labor	947 78
4228	do	Chas. A. Hall Hardware Co.	General supplies	4 75
4229	do	The Wabash Ry. Co.	Freight	4 55
4230	do	Illinois Traction System	do	48 60
4231	do	Illinois Central Ry. Co.	do	29 46
4232	do	The Big Four Ry. Co.	do	33 36
4233	do	Wabash R. R. Co.	do	24 00
4234	do	Remington Typewriter Co.	Carbon	22 50
4235	do	A. C. McClurg & Co.	General supplies	25 64
4236	do	Hollis & Duncan	do	6 89
4237	do	Sanford Mfg. Co.	Office supplies	9 16



## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount
	1915			
4238	Dec. 21	Jos. Gillot & Sons	General supplies	\$ 1 33
4239	..do..	Chas. C. Smith	Paper tags	8 00
4240	..do..	Irving Pitt Mfg. Co.	Office supplies	5 25
4241	..do..	Eberhard Faber Co.	..do..	11 55
4242	..do..	National Envelope Co.	..do..	1 17
4243	..do..	Inner Braced Furniture Co.	Chairs	47 52
4244	..do..	Rockwood Mfg. Co.	Paper pulley	8 38
4245	..do..	U. S. Blue Print Paper Co.	Crayons	132 37
4246	..do..	James B. Clow & Sons	General supplies	29 08
4247	..do..	Central Electric Co.	Electrical supplies	97 72
4248	..do..	The Western Electric Co.	..do..	47 13
4249	..do..	Twin City Roofing Co.	General supplies	237 58
4250	..do..	The Caldwell Co.	Mazdas	35 02
4251	..do..	Crane Co.	General supplies	39 34
4252	..do..	Taylor Hardware Co.	..do..	32 26
4253	..do..	Hunter Rourke & Co.	..do..	493 50
4254	..do..	Western Valve Co.	..do..	181 33
4255	..do..	Crouse Hinds Co.	..do..	76 33
4256	..do..	Illinois Engineering Co.	Valves	10 25
4257	..do..	Heath & Milligan Mfg. Co.	Asphaltum	35 40
4258	..do..	The Whitaker Paper Co.	General supplies	13 00
4259	..do..	The Burr Co.	..do..	211 00
4260	..do..	H. Mueller Mfg. Co.	..do..	10 88
4261	..do..	W. W. Walls & Co.	..do..	59 35
4262	..do..	M. B. Skinner & Co.	Clamps	14 06
4263	..do..	Wadsworth-Howland Co.	General supplies	54 00
4264	..do..	Geo. Strode	Labor	1 50
4265	..do..	Alberene Stone Co.	Stone	45 10
4266	..do..	John B. Bennett	Labor and material	37 71
4267	..do..	Shapleigh Hardware Co.	Chain	7 00
4268	..do..	National Regulator Co.	Valves	6 44
4269	..do..	American Linseed Co.	Oil	66 22
4270	..do..	National Metal Molding Co.	Conduit	147 04
4271	..do..	Vacuum Oil Co.	General supplies	244 75
4272	..do..	The Foxboro Co.	Gauge	32 55
4273	..do..	General Electric Co.	General supplies	58 86
4274	..do..	Otis Elevator Co.	Guide lubricant	1 05
4275	..do..	Baumes-McDewitt Machine Co.	Steel valves	16 00
4276	..do..	The Cudahy Packing Co.	Soap	20 00
4277	..do..	Freeman & Son	General supplies	10 00
4278	..do..	Pittsburgh Plate Glass Co.	Glass	15 60
4279	..do..	Central Supply Co.	General supplies	20 17
4280	..do..	R. C. Wagner & Son	Labor	5 00
4281	..do..	J. C. Thomas	General supplies	15 04
4282	..do..	Edward Cieslik	Wages, December, 1915	5 00
4283	Dec. 22	B. A. Strauch	Laboratory supplies	2 10
4284	..do..	H. S. Capron, Treasurer	Material furnished from University storeroom	251 32
4285	..do..	D. H. Lloyd	General supplies	1 40
4286	..do..	The Burr Co.	..do..	2 70
4287	..do..	J. D. White	Postage	22 00
4288	..do..	Chicago Savings Bank & Trust Co.	Interest on dental property	1,837 01
4289	..do..	Lewis E. Larson	Interest on medical property	1,400 00
4290	..do..	Frank B. Earle	..do..	3,270 00
4291	..do..	F. K. Robeson	General supplies	1 69
4292	..do..	National Metal Molding Co.	Conduit	323 15
4293	..do..	Reliable Plumbing & Heating Co.	Machine repairs	1 20
4294	..do..	W. H. Browne	Petty expenses	256 22
4295	..do..	M. E. Thompson, Cashier	Bills paid	86 46
4296	..do..	M. E. Thompson, Cashier	..do..	39 25
4297	..do..	M. E. Thompson, Cashier	..do..	24 00
4298	Dec. 29	McKey & Poague	Reimbursement for deposit	1,000 00
4299	..do..	McKey & Poague	Final payment on the Pharmacy School property	34,090 00
4300	..do..	M. E. Thompson, Cashier	Bills paid	595 83
4301	..do..	W. H. Browne	Petty cash items	280 62
4302	..do..	M. E. Thompson, Cashier	Bills paid	272 96
4303	..do..	Illinois Traction System	Freight	75
4304	..do..	The Big Four R. R. Co.	..do..	55 36
4305	..do..	The Wabash R. R. Co.	..do..	3 68
4306	Dec. 30	M. E. Thompson, Cashier	Bills paid	61 50
4307	..do..	Louden & Flanigan	Printing	4 00
4308	..do..	Flanigan-Pearson Co.	Printing	96 00
4309	..do..	A. J. Nickerson	Salary, December, 1915	45 00
4310	..do..	J. D. White	Postal cards	100 00
4311	..do..	M. E. Thompson, Cashier	Bills paid	101 66
4312	..do..	M. E. Thompson, Cashier	..do..	101 00
4313	..do..	A. O. Magnuson	Salary, December, 1915	90 00

## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
4314	Dec. 30	Kelsey B. Gardner.....	Salary, December, 1915.....	\$ 80 00
4315	Dec. 31	J. M. Lindgren.....	Coal analysis.....	31 50
4316	do.	G. E. Stechert & Co.....	Books.....	2 64
4317	do.	A. C. McClurg & Co.....	do.	4 40
4318	do.	W. Lewis & Co.....	Thread.....	60
4319	do.	L. C. Bernard.....	Salary, December, 1915.....	55 00
4320	do.	Clark Butard.....	do.	62 50
4321	do.	A. L. Bevis.....	do.	50
4322	do.	G. L. Gustafson.....	do.	62 50
4323	do.	G. C. Faurete.....	do.	71 50
4324	do.	Illinois Traction.....	Labor.....	30 00
4325	do.	Bureau of Municipal Res.....	Books.....	4 95
4326	do.	Special Libraries Association.....	do.	1 24
4327	do.	The Traffic Service Bureau.....	do.	1 00
4328	do.	The Lawyers Co-operative Publishing Co.....	do.	5 65
4329	do.	The Lawyers Co-operative Publishing Co.....	General supplies.....	6 06
4330	do.	Louis Melind Co.....	do.	6 65
4331	do.	The Weis Mfg. Co.....	do.	1 22
4332	do.	J. W. Butler Paper Co.....	Office supplies.....	37 74
4333	do.	Forest Press.....	Books.....	22 55
4334	do.	John Warnmaker.....	do.	12 64
4335	do.	Ernst Hertzberg & Sons.....	do.	3 69
4336	Jan. 4	M. E. Applegate.....	Wages, December, 1915.....	423 54
4337	do.	W. M. Atwell.....	do.	28 20
4338	do.	J. E. Bailey.....	do.	32 20
4339	do.	A. J. Booker.....	do.	32 78
4340	do.	M. C. Booker.....	do.	43 20
4341	do.	Geo. Boyer.....	do.	70 40
4342	do.	John Brannigan.....	do.	81 08
4343	do.	J. B. Browning.....	do.	89 20
4344	do.	Harry Brown.....	do.	31 71
4345	do.	Basil Brown.....	do.	33 88
4346	do.	D. M. Bullock.....	do.	37 68
4347	do.	Elton Butler.....	do.	34 27
4348	do.	Karl Cagen.....	do.	29 04
4349	do.	John Cebusky.....	do.	85 38
4350	do.	J. W. Cleever.....	do.	31 90
4351	do.	Bert Clark.....	do.	39 60
4352	do.	John C. Clark.....	do.	27 00
4353	do.	A. L. Collins.....	do.	35 30
4354	do.	B. C. Cracker.....	do.	20 80
4355	do.	F. Crutcher.....	do.	24 86
4356	do.	J. E. Crump.....	do.	29 17
4357	do.	Jos. Davis.....	do.	29 17
4358	do.	R. A. Eusein.....	do.	48 06
4359	do.	Hubert E. Fish.....	do.	41 20
4360	do.	M. E. Fisher.....	do.	31 51
4361	do.	Frederick Fisher.....	do.	49 61
4362	do.	Paul Fender.....	do.	30 80
4363	do.	J. C. Fisks.....	do.	45 76
4364	do.	J. J. Fisks.....	do.	35 42
4365	do.	Frank Fogsarty.....	do.	31 28
4366	do.	Frank Fogsarty.....	do.	28 72
4367	do.	Paul Fox.....	do.	29 20
4368	do.	Guy Fox.....	do.	34 88
4369	do.	F. J. Franklin.....	do.	39 33
4370	do.	C. Y. Freeman.....	do.	33 00
4371	do.	V. S. Freeman.....	do.	33 66
4372	do.	W. H. Graybeal.....	do.	28 60
4373	do.	Sell Hamill.....	do.	36 12
4374	do.	Samuel Hanson.....	do.	30 80
4375	do.	Ed. Harlan.....	do.	43 72
4376	do.	L. T. Helge.....	do.	34 54
4377	do.	Harry Higgins.....	do.	27 30
4378	do.	Harry Higgins.....	do.	53 20
4379	do.	F. P. Hoover.....	do.	52 92
4380	do.	Ross Hutton.....	do.	26 40
4381	do.	Ross Hutton.....	do.	33 58
4382	do.	Las. Irvine.....	do.	40 28
4383	do.	Asa L. Johnson.....	do.	30 87
4384	do.	C. C. Johnson.....	do.	28 14
4385	do.	E. Johns.....	do.	31 71
4386	do.	Margaret Jones.....	do.	29 40
4387	do.	E. V. Justus.....	do.	23 80
4388	do.	Geo. King.....	do.	54 00
4389	do.	Timothy Kenney.....	do.	33 30
4390	do.	Timothy Kenney.....	do.	32 25

## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
4391	Jan. 4 1916	J. A. J. Klien.	Wages, December, 1915.	86 96
4392	do.	A. Langhoff.	do.	45 17
4393	do.	Fred Langhoff.	do.	31 05
4394	do.	A. C. Litton.	do.	84 54
4395	do.	J. F. Long.	do.	42 24
4396	do.	Hoy Long.	do.	28 25
4397	do.	H. H. Mahorney.	do.	32 20
4398	do.	S. Massel.	do.	34 76
4399	do.	O. E. Meenach.	do.	19 78
4400	do.	O. L. Mendenhalle.	do.	25 51
4401	do.	Dan Meenely.	do.	31 28
4402	do.	D. M. Miller.	do.	31 46
4403	do.	P. L. Moody.	do.	31 90
4404	do.	P. O. Moore.	do.	18 30
4405	do.	Rebecca Morgan.	do.	19 55
4406	do.	Jesse Myers.	do.	33 60
4407	do.	A. J. McAlister.	do.	40 80
4408	do.	Jas. McCullough.	do.	38 54
4409	do.	Frances E. McCughen.	do.	23 80
4410	do.	B. F. McDaniel.	do.	24 20
4411	do.	W. J. McFadden.	do.	0 60
4412	do.	Carl Neblcock.	do.	40 80
4413	do.	L. E. Newton.	do.	41 04
4414	do.	C. M. Olin.	do.	29 40
4415	do.	R. A. Palfreyman.	do.	29 19
4416	do.	F. H. Parris.	do.	34 87
4417	do.	F. H. Perry.	do.	38 96
4418	do.	Nick Peterson.	do.	28 14
4419	do.	E. W. Peterson.	do.	28 40
4420	do.	I. P. Perkins.	do.	52 12
4421	do.	Wm. Quinn.	do.	29 40
4422	do.	Smith Randolph.	do.	38 20
4423	do.	Chas. Reckman.	do.	43 20
4424	do.	Ed Richards.	do.	19 72
4425	do.	Mary Ryan.	do.	18 40
4426	do.	Fred Ruark.	do.	26 43
4427	do.	A. Serris.	do.	32 20
4428	do.	Lloyd Snook.	do.	28 02
4429	do.	J. C. Snider.	do.	34 92
4430	do.	Frank Staelel.	do.	39 81
4431	do.	L. M. Stearns.	do.	44 20
4432	do.	Elmer Stratton.	do.	30 25
4433	do.	Gus Strum.	do.	29 48
4434	do.	Otto Swearingen.	do.	30 25
4435	do.	Wm. Temple.	do.	29 48
4436	do.	H. L. Thompson.	do.	38 75
4437	do.	I. F. Tullison.	do.	32 66
4438	do.	Geo. Toy.	do.	33 12
4439	do.	Geo. Turner.	do.	38 92
4440	do.	O. J. Uiterback.	do.	30 37
4441	do.	O. R. VanOstrand.	do.	50 40
4442	do.	J. H. Vandiventer.	do.	46 66
4443	do.	A. Warmber.	do.	23 40
4444	do.	Edwin Wells.	do.	37 03
4445	do.	Ed. Wharmby.	do.	51 20
4446	do.	Wm. White.	do.	22 40
4447	do.	Otto Wrest.	do.	44 80
4448	do.	Amos Wright.	do.	23 90
4449	do.	J. J. Yeaw.	do.	22 40
4450	do.	W. G. Hixon.	do.	30 00
4451	do.	W. C. Peyerette.	do.	33 30
4452	do.	John Begley.	do.	62 40
4453	do.	Jas. Casad.	do.	58 50
4454	do.	Frank Clancy.	do.	43 20
4455	do.	J. D. Craig.	do.	41 30
4456	do.	C. M. Davis.	do.	40 40
4457	do.	Chas. Gundlock.	do.	35 70
4458	do.	W. J. Langhoff.	do.	28 50
4459	do.	J. H. Miller.	do.	43 20
4460	do.	G. Rittenhouse.	do.	46 80
4461	do.	Martin Sandwell.	do.	43 80
4462	do.	A. C. Speedie.	do.	72 80
4463	do.	Wesley Wilson.	do.	42 50
4464	do.	C. J. Welch.	do.	24 20
4465	do.	Frank Wiltz.	do.	6 40
4466	do.	Otto Kreige.	do.	29 40
4467	do.	F. M. VannNatter.	do.	27 40
4468	do.	Geo. Courtney.	do.	

## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
<b>1916</b>				
4469	Jan. 4	Chas. R. Gideon	Wages, December, 1915.	\$ 5 80
4470	do.	Alva J. Gideon	do.	18 90
4471	do.	Ernst Kuechler	do.	8 40
4472	do.	G. Lambroff	do.	10 40
4473	do.	Adrian Lindley	do.	4 00
4474	do.	Walker Means	do.	2 00
4475	do.	A. R. Moore	do.	22 80
4476	do.	L. C. McCaskill	do.	27 20
4477	do.	J. C. Sharp	do.	13 80
4478	do.	E. F. Shelley	do.	21 20
4479	do.	Alfred Spates	do.	26 40
4480	do.	D. B. Stockton	do.	14 00
4481	do.	W. W. Stockton	do.	27 00
4482	do.	Frank Stuart	do.	10 00
4483	do.	Earl Severnson	do.	29 20
4484	do.	Ray F. Wolfe	do.	16 00
4485	do.	Wilbur Youngman	do.	8 00
4486	do.	M. E. Thompson, Cashier	Bills paid.	539 60
4487	do.	W. B. Day, Actuary	Petty expenses.	56 97
4488	Jan. 5	Charlie A. Koertge	Team of horses.	275 00
4489	do.	A. J. Nystrom & Co.	Books.	2 74
4490	do.	M. E. Thompson, Cashier	Bills paid.	19 97
4491	do.	M. E. Thompson, Cashier	do.	119 82
4492	do.	M. E. Thompson, Cashier	do.	153 05
4493	do.	M. E. Thompson, Cashier	do.	80 62
4494	Jan. 6	Bennett, John B.	Repair work on boilers.	750 26
4495	do.	Crane Co.	General supplies	145 12
4496	do.	The Western Electric Co.	do.	353 69
4497	do.	General Electric Co.	Electrical supplies	4 90
4498	do.	A. C. McClurg & Co.	General supplies	27 88
4499	do.	Louis Melind Co.	do.	8 56
4500	do.	J. W. Butler Paper Co.	Office supplies	37 80
4501	do.	Irving Pitt Mfg. Co.	General supplies	15 11
4502	do.	Taylor Hardware Co.	do.	45 75
4503	do.	Central Supply Co.	Valves	827 38
4504	do.	Wadsworth-Howland Co.	Paints	15 70
4505	do.	Harvey A. Sellers	Floor dressing	5 35
4506	do.	Pittsburgh Plate Glass Co.	Glass.	342 93
4507	do.	American Radiator Co.	Pipes.	28 50
4508	do.	Geo. F. Richter	Mops.	5 59
4509	do.	Eisner Grocery Co.	Office supplies	7 50
4510	do.	Sanford Mfg. Co.	do.	16 80
4511	do.	The U. S. Blue Print Paper Co.	General supplies	8 75
4512	do.	National Blank Book Co.	Gem clips.	6 75
4513	do.	American Clip Book Co.	Gold dust.	40 45
4514	do.	F. K. Robeson	Electric supplies	9 29
4515	do.	Illinois Electric Co.	Imp. books.	11 40
4516	do.	Rockwell Barnes Co.	Galvanized buckets.	1 25
4517	do.	Freeman & Son	Machine bolts.	12 79
4518	do.	Shapleigh Hardware Co.	Fire extinguisher.	5 25
4519	do.	Justrite Mfg. Co.	General supplies	1 00
4520	do.	J. C. Thomas	Wire shelves	64 00
4521	do.	F. P. Smith Wire & Iron Works	Sweeper	2 00
4522	do.	Peck & Hills Furniture Co.	Bowl.	3 25
4523	do.	Wozencraft & Finder	General supplies	15 63
4524	do.	W. D. Allen Mfg. Co.	Cleaner.	16 47
4525	do.	The J. B. Ford Co.	Linen crash	29 25
4526	do.	W. Lewis & Co.	Packing	54 76
4527	do.	The Garlock Packing Co.	Lamps.	149 96
4528	do.	The Caldwell Co.	Brooms.	15 06
4529	do.	Illinois State Penitentiary	Pendant switches.	6 60
4530	do.	Central Electric Co.	Teaming for University	65 00
4531	do.	Wm. Hix	do.	66 25
4532	do.	R. C. Wagner & Son	Stamped envelopes.	21 24
4533	do.	J. D. White	Postage	1,186 00
4534	do.	J. D. White	Bills paid.	336 51
4535	do.	M. E. Thompson, Cashier	do.	113 39
4536	do.	M. E. Thompson, Cashier	Books.	6 56
4537	do.	Ernst Hertzberg & Sons	Advertising	4 00
4538	do.	The Daily Illini	Blue print material.	3 47
4539	do.	Anso Co.	do.	6 65
4540	do.	Geo. Murphy	do.	9 29
4541	do.	G. Cramer Dry Plate Co.	do.	37 80
4542	do.	The Frederick Post Co.	do.	1 67
4543	do.	Defender Photo Supply Co.	Crown tripod.	4 35
4544	do.	Chas. G. Willoughby	Blue print supplies.	7 55
4545	do.	Seneca Camera Mfg. Co.	do.	26 03
4546	do.	G. Cramer Dry Plate Co.	do.	

## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1916			
4547	Jan. 6	Seneca Camera Mfg. Co.	Blue print supplies	\$ 47 00
4548	do.	The Big Four R. R. Co., Champaign.	Freight	36 43
4549	do.	Illinois Central R. R. Co.	do.	14 25
4550	do.	The Wabash R. R. Co.	do.	139 88
4551	do.	The Big Four R. R. Co.	do.	91 40
4552	do.	National Metal Molding Co.	Conduits.	72 17
4553	do.	E. E. Glick.	Wages, December, 1915	13 00
4554	do.	C. M. Linsley	do.	15 25
4555	do.	A. E. McCoy	do.	12 50
4556	do.	H. P. Kelley	do.	11 75
4557	do.	E. F. Murphy	do.	21 30
4558	do.	John Breedis	do.	17 00
4559	do.	Julian F. Smith	do.	15 40
4560	do.	E. Anastasiades	do.	15 40
4561	do.	Frances Klank	do.	9 70
4562	do.	George A. Allen	do.	3 60
4563	do.	M. Russell Davis	do.	37 80
4564	do.	Ruth I. Mussenden	do.	16 93
4565	do.	Arthur Semple	do.	11 47
4566	do.	D. J. Campbell	do.	13 20
4567	do.	E. E. Elliott	do.	11 55
4568	do.	R. F. Harvey	do.	19 60
4569	do.	H. S. Hinrichs	do.	3 00
4570	do.	Mac Leach	do.	13 00
4571	do.	Henry Miner	do.	8 55
4572	do.	R. L. Reese	do.	18 60
4573	do.	J. L. Munson	do.	10 90
4574	do.	W. R. Jones	do.	37 75
4575	do.	A. R. Barker	do.	28 75
4576	do.	Floyd Keepers	do.	22 60
4577	do.	Lloyd Keepers	do.	19 85
4578	do.	Stanley Wilkins	do.	26 85
4579	do.	Wesley G. Wagner	do.	4 50
4580	do.	Wesley G. Wagner	do.	11 40
4581	do.	L. S. Moore	do.	11 80
4582	do.	Illinois State Reformatory	Office supplies	22 40
4583	do.	H. N. Felton	Wages, December, 1915	10 00
4584	do.	C. S. Breese	do.	10 00
4585	Jan. 10	William Hix	Teaming for the University from Dec. 1, to Dec. 16, 1915.	66 00
4586	do.	E. A. Eichhorst	Harness repair.	3 00
4587	do.	Sweet Wallach & Co.	Blue print supplies	3 91
4588	do.	Theo. Andel & Co.	Electric guides	2 00
4589	do.	Gustave A. Brand	Decorating Woman's building.	1,000 00
4590	do.	M. E. Thompson, Cashier	Bills paid	83 46
4591	do.	Ernst Hertzberg & Sons	Books	32 28
4592	do.	R. E. Grossman	Wages, December, 1915	16 10
4593	do.	D. B. Schuler	do.	13 20
4594	do.	William H. Browne	Petty expenses	192 80
4595	Jan. 11	Leonard Peterson & Co.	General supplies	580 00
4596	do.	Irving Pitt Mfg. Co.	do.	13 56
4597	do.	Central Electric Co.	do.	276 41
4598	do.	Standard Oil Co.	Oil.	25 46
4599	do.	Southern Illinois Penitentiary	Brushes	9 75
4600	do.	J. W. Butler Paper Co.	Office supplies	449 04
4601	do.	Pyrene Mfg. Co.	Pyrene extinguisher	6 65
4602	do.	R. C. Wagner & Son	Ford machine	186 95
4603	do.	Eisner Grocery Co.	Salt	2 80
4604	do.	Walworth Mfg. Co.	Water gauges	5 48
4605	do.	W. W. Walls & Co.	Lumber	16 91
4606	do.	The Western Roofing & Supply Co.	Asbestos rollboard	2 84
4607	do.	Freeman & Son	Sash locks	5 25
4608	do.	The Sherwin William Co.	Paint	52 08
4609	do.	John H. Doyle	General supplies	1 05
4610	do.	Benjamin Moore & Co.	do.	15 60
4611	do.	Smith-Totman Co.	H. P. covering	68 07
4612	do.	Weimer & Schweinsberg	General supplies	32 00
4613	do.	National Metal Molding Co.	Conduit	80 28
4614	do.	James B. Clow & Sons	Galvanized steel	73 51
4615	do.	General Electric Co.	Electrical supplies	14 46
4616	do.	Archibald Fisher (Foundry and Machine Shops)	Pedestals	17 10
4617	do.	National X-Ray Reflector Co.	Reflectors	34 99
4618	do.	Manhattan Electric Supply Co.	Fuses	9 94
4619	do.	Shapleigh Hardware Co.	Galvanized baskets	10 75
4620	do.	Urbana & Champaign Ry., Gas & Electric Co.	Gas pan	1 50
4621	do.	Henry Newgard & Co.	Bearings	17 79

## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1916			
4622	Jan. 11	Hoosier Mfg. Co.	General supplies	\$ 36 12
4623	.do.	Weil Brothers.	.do.	43 60
4624	.do.	U. S. Cast Iron Pipe & Foundry Co.	Pipes.	2,078 98
4625	.do.	Illinois Engineering Co.	Vacuum traps	48 00
4626	.do.	Underwood Typewriter Co.	Supplies	1 20
4627	.do.	Miller-Bryant-Pierce Co.	Carbon paper.	1 20
4628	.do.	Globe Wernicke Co.	Folders	14 40
4629	.do.	P. S. Campbell	Office supplies	2 50
4630	.do.	University of Illinois Supply Store	Folders and file pockets	6 72
4631	.do.	American Clip Co.	Clips	11 50
4632	.do.	Geo. B. Carpenter & Co.	Twine	13 93
4633	.do.	Novelty Supply Co.	Office supplies	384 42
4634	Jan. 12	Sanford Mfg. Co.	.do.	66 88
4635	.do.	Crane Co.	Tees	1 04
4636	.do.	The Burr Co.	Bolts	60 01
4637	.do.	M. E. Thompson, Cashier.	Dairy bills	88 42
4638	.do.	Geo. B. Carpenter & Co.	Cotton waste	15 58
4639	.do.	M. E. Thompson, Cashier.	Sundry bills	4 98
4640	.do.	M. E. Thompson, Cashier.	Labor bills	66 87
4641	.do.	M. E. Thompson, Cashier.	.do.	759 09
4642	.do.	Graham Paper Co.	General supplies	7 65
4643	.do.	John B. Bennett	Labor on boiler No. 1.	32 60
4644	.do.	Jacob White	Plastering	85 35
4645	.do.	First National Bank, Otto Lange	Books	5 17
4646	.do.	First National Bank, G. Fock	.do.	19 86
4647	.do.	First National Bank, B. H. Blackwell	.do.	4 16
4648	.do.	M. E. Thompson, Cashier.	Labor bills	76 96
4649	.do.	First National Bank, Leo S. Olschki	Books	4 86
4650	.do.	Leavitt Mfg. Co.	General supplies	28 45
4651	.do.	Pyrene Mfg. Co.	Pyrene extinguishers	13 30
4652	.do.	Hills McCanna Co.	Oil pumps	29 40
4653	.do.	Manhattan Electric Co.	Desk fan	11 50
4654	.do.	Casavant Brothers	Traveling expenses	36 04
4655	.do.	Leavitt Mfg. Co.	General supplies	15 10
4656	.do.	C. H. McClure	Office supplies	15 47
4657	.do.	C. H. Besly & Co.	Folding rules	1 59
4658	.do.	Miller Bryant-Pierce Co.	Office supplies	48 00
4659	.do.	J. W. Butler Paper Co.	.do.	9 36
4660	.do.	Louis Melind Co.	Incidentals	7 74
4661	.do.	Fuller-Morrison Co.	Alcohol	6 48
4662	.do.	Irving Pitt Mfg. Co.	Office supplies	10 41
4663	.do.	U. S. Blue Print Paper Co.	.do.	2 25
4664	.do.	Wozencraft & Finder	Globe valves	2 70
4665	.do.	W. W. Walls & Co.	General supplies	8 82
4666	.do.	S. E. Huff & Co.	.do.	10 80
4667	.do.	Shapleigh Hardware Co.	Experiment shields	26 25
4668	.do.	Pratt & Lambeert.	Brit vitralite	45 86
4669	.do.	Buffalo Scale Co.	Scale	5 00
4670	.do.	Devco & Raynolds Co.	Enamel	11 09
4671	.do.	Eisner Grocery Co.	Sapolio	12 00
4672	.do.	The Carson Payson Co.	General supplies	1 49
4673	.do.	Oldham Brothers	Turpentine	4 75
4674	.do.	Louden & Flaningam	Printing	15 25
4675	Jan. 14	Illinois State Reformatory	.do.	4 60
4676	.do.	Mining World Co.	Books	1 50
4677	.do.	John Wanamaker	.do.	3 55
4678	.do.	Oliver Ditson Co.	.do.	6 00
4679	.do.	Canada Law Book Co.	.do.	7 00
4680	.do.	M. Curlander	.do.	9 00
4681	.do.	The Boston Book Co.	.do.	7 00
4682	.do.	Ernst Hertzberg & Sons.	.do.	43 27
4683	.do.	The Frank Shepard Co.	.do.	11 00
4684	.do.	The Lawyers Cooperative Publishing Co.	.do.	11 25
4685	.do.	A. H. Abbott & Co.	Office supplies	6 12
4686	.do.	Eberhard Faber	.do.	23 58
4687	.do.	Remington Typewriter Co.	Carbon paper	22 50
4688	.do.	U. S. Blue Print Paper Co.	Office supplies	6 59
4689	.do.	Miller-Bryant-Pierce Co.	.do.	2 40
4690	.do.	Library Bureau	White cards	2 19
4691	.do.	Graham Paper Co.	Office supplies	87 20
4692	.do.	Globe Wernicke Co.	.do.	4 38
4693	.do.	Eugene Dietzgen Co.	Tracing paper	6 16
4694	.do.	Louis Melind Co.	General supplies	5 33
4695	.do.	A. C. McClurg & Co.	Office equipment	6 48
4696	.do.	Keuffel & Esser Co.	Office supplies	31 25
4697	.do.	J. W. Butler Paper Co.	.do.	140 33
4698	.do.	The Sherwin Williams Co.	Paints	28 22
4699	.do.	Illinois Engineering Co.	Valves	26 00

## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1916			
4700	Jan. 14	Indianapolis Paint & Color Co.	Whiting	3 60
4701	..do.	National Carbon Co.	Office supplies	27 51
4702	..do.	U. S. Reduction Co.	General supplies	5 00
4703	..do.	S. E. Huff & Co.	Lumber	94 10
4704	..do.	W. D. Allen Mfg. Co.	General supplies	25 37
4705	..do.	John B. Bennett	Building material	1,643 84
4706	..do.	George Cutter Co.	General supplies	39 05
4707	..do.	General Electric Co.	Electric supplies	160 56
4708	..do.	The Burr Co.	Building material	48 50
4709	..do.	H. W. Johns-Manville Co.	Pipe covering	22 24
4710	..do.	Toledo Pipe Threading Machine Co.	General supplies	58 80
4711	..do.	Devoe & Reynolds Co.	Enamel	11 08
4712	..do.	The Eagle White Lead Co.	White lead	40 78
4713	..do.	Crane Co.	Gaskets	1 70
4714	..do.	Louden & Flaningam	Printing	4 00
4715	..do.	Central Electric Co.	General supplies	123 25
4716	..do.	Geo. B. Carpenter & Co.	General supplies	242 17
4717	..do.	Reliable Plumbing & Heating Co.	..do.	13 59
4718	..do.	H. S. Capron, Treasurer	Material furnished University	1,192 56
4719	..do.	M. E. Thompson, Cashier	Dairy bills	501 42
4720	Jan. 17	Swartz Electric Shop	Electrical supplies	104 80
4721	..do.	H. Mueller Mfg. Co.	General supplies	138 42
4722	..do.	Automatic Electric Co.	Electrical supplies	3 86
4723	..do.	Hunter Rourke & Co.	General supplies	6 62
4724	..do.	Central Electric Co.	Electric supplies	8 84
4725	..do.	Manhattan Electric Supply Co.	Telephone wire	16 40
4726	..do.	The Carborundum Co.	General supplies	6 75
4727	..do.	Crane Co.	Laboratory supplies	10 95
4728	..do.	Vaughan's Seed Store	Seeds	17 60
4729	..do.	Sheldon Brick & Building Supply Co.	Brick	468 60
4730	..do.	Stipes & Hecker	Lime	1 15
4731	..do.	Bausch & Lomb Optical Co.	Laboratory supplies	9 45
4732	..do.	Geo. B. Carpenter & Co.	General supplies	128 93
4733	..do.	The Ludlow Valve Mfg. Co.	..do.	141 52
4734	..do.	American Radiator Co.	Brackets	4 90
4735	..do.	North Bangor Slate Co.	Slate	7 41
4736	..do.	James B. Clow & Sons	Plugs	7 31
4737	..do.	C. A. Kiler	Repair work	1 56
4738	..do.	W. C. Kruse	General supplies	10 45
4739	..do.	Wozencraft & Finder	..do.	6 25
4740	..do.	Westinghouse Electric & Mfg. Co.	..do.	28 15
4741	..do.	W. Lewis & Co.	Ducking	2 09
4742	..do.	Geo. H. Anderson & Co.	Bevel mirror	2 11
4743	..do.	Albert Pick & Co.	Paper balers	31 50
4744	..do.	Edward Smith & Co.	Floor finish	26 07
4745	..do.	American Hardware Corporation, R. & E. Mfg. Co.	General supplies	96 53
4746	..do.	Schermerhorn Brothers Co.	Dandy mops	35 28
4747	..do.	The A. H. Andrews Co.	Steel spring	2 55
4748	..do.	Louden & Flaningam	Printing	14 00
4749	..do.	Alexander Lumber Co.	Mahogany	2 80
4750	..do.	The Schapirograph Co.	Office equipment	27 00
4751	..do.	D. H. Lloyde	..do.	13 60
4752	..do.	A. C. McClurg & Co.	Office supplies	5 11
4753	..do.	Yawman & Erbe Mfg. Co.	Ruled cards	4 50
4754	..do.	U. S. Blue Print Paper Co.	Office supplies	24 66
4755	..do.	Remington Typewriter Co.	Carbon	7 50
4756	..do.	Irving Pitt Mfg. Co.	Office supplies	3 45
4757	..do.	J. W. Butler Paper Co.	..do.	164 92
4758	..do.	Taylor Hardware Co.	General supplies	59 05
4759	..do.	The Weis Mfg. Co.	Office supplies	15 26
4760	..do.	M. E. Thompson, Cashier	Labor bills	511 32
4761	..do.	M. E. Thompson, Cashier	Dairy bills	68 81
4762	..do.	M. E. Thompson, Cashier	..do.	131 72
4763	..do.	L. D. Powell Co.	Books	4 50
4764	..do.	August A. Walz	Rebates	35 00
4765	Jan. 19	Ernst Hertzberg & Sons	Books	2 57
4766	..do.	The Lawyers Co-operative Publishing Co.	..do.	5 00
4767	..do.	A. A. Spung	Freshwater clams	4 00
4768	..do.	G. E. Stechert & Co.	Books	3 60
4769	..do.	The Patterson-Sargent Co.	Paint	8 09
4770	..do.	Victor E. Emmel	Traveling expense	19 00
4771	..do.	M. E. Thompson, Cashier	Labor bills	325 95
4772	..do.	Gustave A. Brand & Co.	Decorative work	1,288 00
4773	..do.	Illinois State Reformatory	Gummed labels	2 60
4774	..do.	The Frederick Post Co.	Office supplies	1 50
4775	..do.	Hess-Ives Corporation	General supplies	3 00
4776	..do.	M. E. Thompson, Cashier	Bills paid	1 75

## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
<b>1916</b>				
4777	Jan. 19	M. E. Thompson, Cashier	Dairy bills	\$165 36
4778	do.	M. E. Thompson, Cashier	Labor bills	42 28
4779	do.	M. E. Thompson, Cashier	do	82 07
4780	do.	M. E. Thompson, Cashier	Rebates	47 00
4781	do.	M. E. Thompson, Cashier	Express bills	36 47
4782	Jan. 20	David Mannes	Recital	175 00
4783	do.	The Wabash R. R. Co	Freight	28 80
4784	do.	Illinois Traction System	do	1 00
4785	do.	The Wabash R. R. Co	do	36 59
4786	do.	Illinois Traction System	do	4 19
4787	do.	The Big Four Ry. Co., Champaign	do	44 05
4788	do.	The Big Four Ry. Co., Urbana	do	51 62
4789	do.	Illinois Central Ry. Co	do	17 35
4790	do.	W. H. Boyer	Salary, January, 1916	110 00
4791	do.	C. H. Havens	do	133 33
4792	do.	M. Murphy	do	110 00
4793	do.	T. J. Showers	do	133 33
4794	do.	W. J. Smith	do	120 00
4795	do.	Clifford Bauer	do	45 00
4796	do.	L. E. Sawyer	do	60 00
4797	do.	L. E. Kennedy	Traveling expenses	4 18
4798	Jan. 21	John L. Rich	Lantern slides	1 50
4799	do.	Keystone Type Foundry	Hand proof press	12 00
4800	do.	Louis Melind Co.	General supplies	5 01
4801	do.	Illinois State Reformatory	Printing	42 10
4802	do.	D. H. Loyde	General supplies	539 33
4803	do.	J. W. Butler Paper Co	Office supplies	65 53
4804	do.	Eugene Dietzgen Co.	do	19 73
4805	do.	National Steam Specialty Co.	Air valves	29 56
4806	do.	National Carbon Co.	Office supplies	26 98
4807	do.	Walworth Mfg. Co.	Gate valves	11 42
4808	do.	The Caldwell Co.	Mazda lamps	8 52
4809	do.	Bacon Brothers	General supplies	1 20
4810	do.	Jos. Gillott & Sons	do	2 60
4811	do.	Drop-A-Line Indicator Co.	Drop-A-Line indicators	19 50
4812	do.	U. S. Blue Print Paper Co.	Drawing ink	21 13
4813	do.	Globe Wernicke Co.	Office supplies	22 99
4814	do.	Tower Mfg. & Novelty Co.	do	1 63
4815	do.	Flanigan-Pearson Co.	do	2 50
4816	do.	Remington Typewriter Co.	Carbons	19 10
4817	do.	Irving Pitt Mfg. Co.	Office supplies	3 57
4818	do.	Dennison Mfg. Co.	do	1 26
4819	do.	The Weis Mfg. Co.	do	14 50
4820	do.	Louden & Flanigan	Printing	60 00
4821	do.	M. E. Thompson, Cashier	Dairy bills	127 06
4822	Jan. 24	Ernst Hertzberg & Sons	Books	462 26
4823	do.	J. D. White, Superintendent of Station	Stamped envelopes	42 48
4824	do.	J. D. White, Superintendent of Station	do	22 62
4825	do.	Central Supply Co.	Pipes and couplings	147 07
4826	do.	Twin City Roofing Co.	General supplies	67 30
4827	do.	Leavitt Mfg. Co.	do	3 52
4828	do.	Taylor Hardware Co.	do	12 00
4829	do.	W. Lewis & Co.	Linoleum	59 44
4830	do.	General Electric Co.	Electrical supplies	46 57
4831	do.	Crane Co.	General supplies	80 79
4832	do.	New York Blower Co.	Contract	500 00
4833	do.	Barbee Wire & Iron Works	Window guards	22 65
4834	do.	A. Leschen & Sons Rope Co.	Tiller rope	13 13
4835	do.	Hoosier Mfg. Co.	Soap powder	12 00
4836	do.	The Burr Co.	Bleacher irons	16 20
4837	do.	F. K. Robeson	Cheese cloth	25 44
4838	do.	Babbitt Steam Specialty Co.	Sprocket rims	6 38
4839	do.	Reliable Plumbing & Heating Co.	General supplies	29 05
4840	do.	The Rockwood Mfg. Co.	Paper pulley	1 78
4841	do.	Indianapolis Paint & Color Co.	Paint	65 00
4842	do.	H. W. Johns-Manville Co.	Asbestos	357 65
4843	do.	American Can Co.	Paint	15 04
4844	do.	J. L. Mott Iron Works	General supplies	27 33
4845	do.	Reeves Pulley Co.	Iron pulley	1 62
4846	do.	Pittsburgh Plate Glass Co.	Glass	3 15
4847	do.	Snead & Co. Iron Works	General supplies	73 25
4848	do.	Shapleigh Hardware Co.	Machine bolts	9 08
4849	do.	Laclede Christy Clay Co.	Arch tile	48 00
4850	do.	Harry Herrick	Chains	12 10
4851	do.	Wozencroft & Finder	Pipes	6 10
4852	do.	Knowlton & Bennett	Alcohol	6 10
4853	do.	Freeman & Son	Black wire	3 00



## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
<b>1916</b>				
4854	Jan. 25	Buffalo Meter Co.	Meter book.	\$ 1 07
4855	do.	The Hoppes Mfg. Co.	Charts.	6 49
4856	do.	H. S. Capron, Treasurer.	Material furnished from University storeroom.	1,996 58
4857	do.	M. E. Thompson, Cashier.	Dairy bills.	265 95
4858	do.	M. E. Thompson, Cashier.	Labor bills.	30 00
4859	do.	M. E. Thompson, Cashier.	Sundry bills.	12 28
4860	do.	M. E. Thompson, Cashier.	Labor bills.	30 76
4861	do.	M. E. Thompson, Cashier.	do.	104 02
4862	do.	Geo. B. Carpenter & Co.	Cotton waste.	24 80
4863	do.	W. H. Browne.	Petty cash accounts.	21 49
4864	do.	Ernst Hertzberg & Sons.	Books.	9 60
4865	do.	Geo. Murphy, Inc.	General supplies.	6 20
4866	do.	Illinois State Reformatory.	Office supplies.	11 00
4867	do.	Louden & Flaningam.	Shipping tags.	4 00
4868	do.	Anso Co.	General supplies.	8 54
4869	do.	G. Cramer Dry Plate Co.	Slides.	53 46
4870	Jan. 26	F. J. Blackburn.	Expert for demonstration.	150 00
4871	do.	A. C. McClurg & Co.	General supplies.	91 70
4872	do.	Eberhard Faber.	do.	50 09
4873	do.	The Western Electric Co.	Electrical supplies.	497 12
4874	do.	The Caldwell Co.	Lamps.	181 09
4875	do.	The Alexander Lumber Co.	General supplies.	84 82
4876	do.	The Burr Co.	do.	10 14
4877	do.	Manhattan Electric Supply Co.	do.	141 38
4878	do.	W. W. Walls & Co.	do.	168 00
4879	do.	Lewis Electric Supply Co.	Electrical supplies.	7 10
4880	do.	Western Keiley Steam Specialty Co.	Steam traps.	23 06
4881	do.	Luitwieler Pumping Engine Co.	Pistons.	214 03
4882	do.	Hoosier Mfg. Co.	Oil soap.	52 50
4883	do.	Anso Co.	Office supplies.	16 66
4884	do.	Multiples Display Fixture Co.	Laboratory apparatus.	64 19
4885	do.	Standard Oil Co.	Plumbers candles.	4 08
4886	do.	E. H. Wachs Co.	Screws.	1 15
4887	do.	J. C. Thomas.	Nails and washers.	11 15
4888	do.	Schermerhorn Bros. Co.	Dandy mops.	35 28
4889	do.	Toledo Pipe Threading Machine Co.	Thumb screws.	4 89
4890	do.	Henry Worthington.	General supplies.	12 74
4891	do.	Hunter Rourke & Co.	do.	36 00
4892	do.	Jacob White.	Plastering.	16 50
4893	do.	Federal Sign System.	Wire.	9 64
4894	do.	Crouse Hinds Co.	Electrical supplies.	28 68
4895	do.	F. K. Robeson.	Muslin.	4 00
4896	do.	Bacon Brothers.	Cement.	5 01
4897	do.	Taylor Hardware Co.	General supplies.	9 52
4898	do.	Remington Typewriter Co.	Carbon.	22 50
4899	do.	Miller-Bryant-Pierce Co.	Office supplies.	21 00
4900	do.	Sanford Mfg. Co.	do.	28 25
4901	do.	Baker-Vawter Co.	Name folders.	4 32
4902	do.	D. H. Lloyd.	Office supplies.	138 33
4903	do.	M. E. Thompson, Cashier.	Labor bills.	482 53
4904	do.	M. E. Thompson, Cashier.	Dairy bills.	68 23
4905	Jan. 27	Lorado Taft.	Lecture.	25 00
4906	do.	Shapleigh Hardware Co.	General supplies.	6 30
4907	do.	A. O. Magnuson.	Salary, January, 1916.	90 00
4908	do.	Kelsey B. Gardner.	do.	80 00
4909	Jan. 29	M. E. Thompson, Cashier.	Dairy bills.	114 08
4910	do.	L. C. Bernard.	Salary, January, 1916.	100 00
4911	do.	Clark Bullard.	do.	125 00
4912	do.	A. Bevis.	do.	143 00
4913	do.	C. L. Gustafson.	do.	140 00
4914	do.	E. L. Kelley.	do.	135 00
4915	do.	G. C. Faurote.	do.	70 00
4916	do.	Edmund Cieslik.	Wages, January, 1916.	2 13
4917	Jan. 31	The Burr Co.	General supplies.	334 76
4918	do.	The Western Electric Co.	do.	23 54
4919	do.	J. W. Spalding.	Horseshoes.	8 00
4920	do.	Central Electric Co.	Electric supplies.	2 77
4921	do.	C. H. Besly & Co.	Gauge glasses.	7 21
4922	do.	Twin City Roofing Co.	Down spouts.	248 00
4923	do.	Link-Belt Co.	General supplies.	46 60
4924	do.	E. L. Bogart.	Salary, February, 1916.	291 66
4925	do.	Taylor Hardware Co.	General supplies.	25 86
4926	do.	Alexander Lumber Co.	do.	101 75
4927	do.	Central Electric Co.	Electrical supplies.	264 28
4928	do.	F. K. Robeson.	General supplies.	19 70
4929	do.	Twin City Roofing Co.	do.	61 55
4930	do.	Eisner Grocery Co.	do.	27 50

## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
1916				
4931	Jan. 31	Sloan Valve Co.	Flush valves	\$ 5 99
4932	do.	Swartz Electric Shop	Mazdas	70 97
4933	do.	H. Mueller Mfg. Co.	Strainer	11 25
4934	do.	The Burr Co.	General supplies	102 45
4935	do.	Barbee Wire & Iron Works	do.	2 50
4936	do.	Consolidated Engineering Co.	Laboratory apparatus	1 65
4937	do.	Decatur Bridge Co.	Metal for gymnasium	1,516 04
4938	do.	General Electric Co.	Electrical supplies	6 70
4939	do.	Ball Engine Co.	Exhaust valve	22 00
4940	do.	D. H. Lloyd	Office equipment	59 23
4941	do.	Louden & Flanigan	Printing	1 40
4942	do.	Remington Typewriter Co.	Carbon paper	1 80
4943	do.	J. W. Butler Paper Co.	Office supplies	2 88
4944	Feb. 1	The Wabash Ry. Co.	Freight	68 79
4945	do.	W. B. Day, Actuary	Petty expenses	59 21
4946	do.	M. E. Thompson, Cashier	Labor bills	450 07
4947	do.	M. E. Thompson, Cashier	Dairy bills	274 31
4948	Feb. 3	Illinois Central Ry. Co.	Freight	8 20
4949	do.	The Big Four Ry. Co.	do.	86 61
4950	do.	Illinois Traction System	do.	30 82
4951	do.	W. M. Atwell	Wages, January, 1916	67 62
4952	do.	J. E. Bailey	do.	64 46
4953	do.	A. J. Booker	do.	93 60
4954	do.	M. C. Booher	do.	93 60
4955	do.	Geo. Boyer	do.	53 34
4956	do.	John Brannigan	do.	72 80
4957	do.	J. E. Browning	do.	59 62
4958	do.	Harry Brown	do.	62 26
4959	do.	Basil Brown	do.	65 52
4960	do.	D. M. Bullock	do.	69 23
4961	do.	Thos. Butler	do.	71 04
4962	do.	Karl Cagan	do.	65 75
4963	do.	John Ceduskey	do.	78 76
4964	do.	J. W. Cheever	do.	52 80
4965	do.	Bert Clark	do.	66 60
4966	do.	John C. Clark	do.	79 38
4967	do.	A. L. Collins	do.	69 09
4968	do.	B. F. Crackel	do.	56 54
4969	do.	F. Crathorne	do.	83 20
4970	do.	F. E. Crump	do.	71 82
4971	do.	Jos. Davis	do.	71 61
4972	do.	C. A. Dunseth	do.	93 60
4973	do.	B. F. English	do.	63 48
4974	do.	Thos. J. Fay	do.	96 10
4975	do.	M. Felner	do.	46 40
4976	do.	Fred Fender	do.	87 04
4977	do.	Louis Fender	do.	69 30
4978	do.	J. C. Fiscus	do.	88 80
4979	do.	J. J. Fiscus	do.	64 40
4980	do.	Frank Fogarty	do.	55 02
4981	do.	Wm. Fogarty	do.	52 80
4982	do.	Felix Fox	do.	61 65
4983	do.	Guy Fox	do.	72 10
4984	do.	F. T. Franklin	do.	77 22
4985	do.	C. Y. Freeman	do.	62 48
4986	do.	V. S. Glenn	do.	58 08
4987	do.	W. H. Graybeal	do.	59 01
4988	do.	Sell Hamlin	do.	59 40
4989	do.	Samuel Hanson	do.	76 03
4990	do.	E. J. Hargan	do.	62 51
4991	do.	Heinz, L. T.	do.	57 20
4992	do.	Harry Higgins	do.	98 40
4993	do.	Chas. Hill	do.	99 96
4994	do.	W. G. Hixon	do.	51 60
4995	do.	F. F. Hoover	do.	59 62
4996	do.	Ross Hutton	do.	68 77
4997	do.	F. M. Irvine	do.	74 38
4998	do.	Jas. Irvine	do.	56 80
4999	do.	A. L. Johnson	do.	44 52
5000	do.	C. C. Johnson	do.	50 40
5001	do.	E. Johns	do.	66 00
5002	do.	Margaret Jones	do.	44 20
5003	do.	E. W. Justus	do.	108 00
5004	do.	Geo. King	do.	62 32
5005	do.	Timothy Kenney	do.	65 63
5006	do.	J. A. J. Klien	do.	71 61
5007	do.	A. Langhoff	do.	83 20
5008	do.	Fred Langhoff	do.	62 10

## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
5009	1916	A. C. Iltton.	Wages, January, 1916.....	\$ 64 68
5010	Feb. 3	J. F. Long.	do.....	64 40
5011	do.	Roy Long.	do.....	64 13
5012	do.	H. H. Mahorney.	do.....	66 70
5013	do.	S. Massel.	do.....	64 45
5014	do.	O. E. Meenach.	do.....	50 60
5015	do.	O. L. Mendenhall.	do.....	42 73
5016	do.	Dan Meneely.	do.....	62 86
5017	do.	C. M. Miller.	do.....	68 30
5018	do.	D. L. Moody.	do.....	66 00
5019	do.	P. O. Moore.	do.....	40 70
5020	do.	Rebecca Morgan.	do.....	37 40
5021	do.	Jesse Myers.	do.....	60 33
5022	do.	A. J. McAlister.	do.....	63 84
5023	do.	Jas. McChlough.	do.....	60 94
5024	do.	Frances E. McChughen.	do.....	44 20
5025	do.	B. F. McDaniel.	do.....	53 20
5026	do.	W. J. McFadden.	do.....	28 64
5027	do.	Carl Neblock.	do.....	62 35
5028	do.	J. R. Newton.	do.....	68 24
5029	do.	C. M. Ollis.	do.....	66 24
5030	do.	R. A. Palleyman.	do.....	48 50
5031	do.	F. H. Parris.	do.....	69 34
5032	do.	F. M. Perry.	do.....	69 34
5033	do.	Nick Peterson.	do.....	62 38
5034	do.	J. F. Perkins.	do.....	62 38
5035	do.	Wm. Quinn.	do.....	51 12
5036	do.	S. Randsoph.	do.....	69 30
5037	do.	Chas. Redman.	do.....	63 20
5038	do.	Ed. Richards.	do.....	10 46
5039	do.	Mary J. Ryan.	do.....	10 46
5040	do.	Freel Kuark.	do.....	41 80
5041	do.	A. Servis.	do.....	16 10
5042	do.	Lloyd Snook.	do.....	56 91
5043	do.	T. C. Snider.	do.....	53 76
5044	do.	Frank Stahler.	do.....	71 99
5045	do.	L. M. Stearns.	do.....	48 59
5046	do.	Elmer Stratton.	do.....	81 15
5047	do.	Gus Stron.	do.....	76 27
5048	do.	Otto Swearingen.	do.....	60 28
5049	do.	Wm. Thompson.	do.....	88 40
5050	do.	T. F. Thilolson.	do.....	83 80
5051	do.	Geo. Toy.	do.....	77 50
5052	do.	Geo. Toy.	do.....	65 55
5053	do.	O. J. Tiberback.	do.....	66 24
5054	do.	O. R. VanOstrand.	do.....	58 96
5055	do.	J. H. Vandewater.	do.....	52 31
5056	do.	A. Warbler.	do.....	90 40
5057	do.	Ed. Wharmby.	do.....	95 33
5058	do.	Wm. Wilde.	do.....	66 37
5059	do.	Walter Wingler.	do.....	65 32
5060	do.	Otto Wresk.	do.....	99 20
5061	do.	A. Mos Wright.	do.....	48 09
5062	do.	J. J. Yeast.	do.....	47 90
5063	do.	John Bealey.	do.....	50 40
5064	do.	W. C. Peyette.	do.....	43 50
5065	do.	G. Rittenhouse.	do.....	65 70
5067	do.	Jas. Casad.	do.....	60 00
5068	do.	Frank Clancy.	do.....	45 11
5069	do.	J. D. Craig.	do.....	45 11
5070	do.	C. M. Davis.	do.....	120 00
5071	do.	Chas. Gundlock.	do.....	105 75
5072	do.	W. J. Langhoff.	do.....	88 00
5073	do.	J. H. Miller.	do.....	60 90
5074	do.	Martin Sandwell.	do.....	66 90
5075	do.	A. C. Speedie.	do.....	114 75
5076	do.	Welsey Wilson.	do.....	82 80
5077	do.	C. J. Welch.	do.....	94 00
5078	do.	Frank Wiliz.	do.....	83 60
5079	do.	A. Glawe.	do.....	140 00
5080	do.	Robert Antoszewski.	do.....	58 00
5081	do.	Geo. Courtney.	do.....	76 00
5082	do.	E. F. Doepel.	do.....	2 60
5083	do.	A. J. Gideon.	do.....	8 00
5084	do.	Ernst Kneebler.	do.....	14 80
5085	do.	G. Lambroff.	do.....	3 60
5086	do.	do.	do.....	12 10
5087	do.	do.	do.....	15 20

## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
<b>1916</b>				
5087	Feb. 3	Wm. Lathrop	Wages, January, 1916	\$ 16 40
5088	do.	A. R. Moore	do.	15 60
5089	do.	L. O. McCaskill	do.	12 60
5090	do.	R. P. Poppove	do.	10 40
5091	do.	A. C. Schneider	do.	14 80
5092	do.	J. C. Sharp	do.	19 80
5093	do.	E. F. Shelley	do.	18 00
5094	do.	Alfred Spates	do.	2 80
5095	do.	W. W. Stockton	do.	13 60
5096	do.	H. L. Slack	do.	14 80
5097	do.	Frank Stuart	do.	15 00
5098	do.	Earl Severson	do.	13 40
5099	do.	F. M. VanNatter	do.	4 00
5100	do.	Ray F. Wolfe	do.	7 40
5101	do.	Wilbur Youngman	do.	7 00
5102	do.	Otto Kreigl	do.	28 00
5103	do.	W. K. Robinson	Salary, January, 1916	43 85
5104	Feb. 4	Walworth Mfg. Co.	General supplies	142 40
5105	do.	General Electric Co.	Electric supplies	141 09
5106	do.	Taylor Hardware Co.	General supplies	7 15
5107	do.	Central Supply Co.	do.	52 98
5108	do.	Swartz Electric Shop	Friction tape and mazdas	123 22
5109	do.	Casavant Brothers	Organ repairs	82 90
5110	do.	Stipes & Hecker	General supplies	253 10
5111	do.	John H. Doyle	do.	7 80
5112	do.	Royal A. Stipes	Gravel and sand	469 50
5113	do.	Vaughan's Seed Store	General supplies	71 39
5114	do.	F. K. Robeson	do.	17 60
5115	do.	Central Electric Co.	Electric supplies	32 20
5116	do.	Crouse Hinds Co.	General supplies	47 28
5117	do.	Urbana & Champaign Ry., Gas & Electric Co.	Lamps	10 80
5118	do.	American Steam Pump Co.	Marsh pump	2 80
5119	do.	Dominion Chemical Co.	Cleanser	5 10
5120	do.	Edward Smith & Co.	Paints	40 47
5121	do.	Boylston Steam Specialty Co.	Steam trap	14 11
5122	do.	The A. H. Andrews Co.	Castings	125 00
5123	do.	Laclede Christy Clay Products Co.	Arch tile	157 50
5124	do.	Erwin & Co.	Copper float	4 90
5125	do.	Automatic Electric Co.	Electrical supplies	74 62
5126	do.	Geo. F. Richter	Oil of gladness	21 17
5127	do.	Atlas Ball Co.	Steel balls	7 94
5128	do.	Twin City Roofing Co.	Roofing cement	11 00
5129	do.	Wadsworth-Howland Co.	Polish	8 82
5130	do.	Standard Oil Co.	Gasoline	12 38
5131	do.	Crane Co.	Lead pipe	29 88
5132	do.	Illinois State Reformatory	Printing	22 70
5133	do.	Twin City Roofing Co.	General supplies (error in original voucher G-4929)	10 00
5134	Feb. 8	Illinois Traction System	Freight	2 25
5135	do.	Irving Pitt Mfg. Co.	Office supplies	6 66
5136	do.	Keystone Type Foundry	General supplies	7 85
5137	do.	U. S. Blue Print Paper Co.	do.	29 33
5138	do.	F. E. McClughen	Laundry	18 97
5139	do.	J. M. York	do.	9 34
5140	do.	J. D. White	Postage	44 32
5141	do.	AnSCO Co.	General supplies	4 65
5142	do.	D. H. Lloyd	Blue print material	2 06
5143	do.	Wm. Hix	Teaming for January	72 50
5144	do.	Charles M. Webber	Bulletin deposit	2 00
5145	do.	M. E. Thompson, Cashier	Labor bills	481 11
5146	do.	M. E. Thompson, Cashier	Dairy bills	163 73
5147	do.	M. E. Thompson, Cashier	Express bills	17 18
5148	do.	M. E. Thompson, Cashier	Labor bills	86 40
5149	do.	M. E. Thompson, Cashier	do.	153 22
5150	do.	M. E. Thompson, Cashier	Rebates	12 00
5151	do.	M. E. Thompson, Cashier	Telephone bills	5 70
5152	do.	M. E. Thompson, Cashier	Labor bills	77 56
5153	do.	M. E. Thompson, Cashier	do.	39 10
5154	do.	M. E. Thompson, Cashier	Rebates	22 80
5155	Feb. 10	M. E. Thompson, Cashier	do.	396 75
5156	do.	J. D. White, Superintendent of Station	Postage	1,078 00
5157	do.	Sanburn Map Co.	Binding map	1 50
5158	do.	New York Bureau of Municipal Research	Publications	2 18
5159	do.	W. H. Browne, Secretary	Petty cash	165 90
5160	do.	Louden & Flaningam	Printing	2 75
5161	do.	D. H. Lloyd	Office supplies	12 80
5162	do.	The Globe Wernicke Co.	do.	24 67

## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1916			
5163	Feb. 10	The Schapirograph Co.	Office supplies.	\$ 27 02
5164	..do.	Louis Melind Co.	General supplies.	4 41
5165	..do.	Eugene Dietzgen Co.	Tracing paper.	18 02
5166	..do.	Miller-Bryant-Pierce Co.	Office supplies.	47 04
5167	..do.	Irving Pitt Mfg. Co.	..do.	2 27
5168	..do.	Jacquin & Co.	Jupiter wheels.	6 00
5169	..do.	Keuffel & Esser Co.	Office supplies.	59 05
5170	..do.	Crane Co.	General supplies.	16 98
5171	..do.	Royal A. Stipes.	Sand and gravel.	215 25
5172	..do.	J. W. Spaulding.	Horseshoes.	7 00
5173	..do.	Standard Oil Co.	Gasoline.	23 63
5174	..do.	Buffalo Meter Co.	Meter readings.	13 60
5175	..do.	A. C. McClurg & Co.	Crayon.	18 80
5176	..do.	Swartz Electric Shop.	Mazdas.	56 36
5177	..do.	W. Lewis & Co.	Shades.	3 25
5178	..do.	Illinois Electric Co.	Cap sockets.	4 98
5179	..do.	The L. S. Starrett Co.	Saw blades.	11 76
5180	..do.	Central Electric Co.	Electric supplies.	227 52
5181	..do.	F. W. Woolworth Co.	Matches.	1 15
5182	..do.	Automatic Electric Co.	Glass mouthpieces.	6 75
5183	..do.	Westinghouse Electric & Mfg. Co.	Motor repairs.	7 85
5184	..do.	F. P. Smith Wire & Iron Works.	F. M. partition.	47 50
5185	..do.	Jacob White.	Plastering.	61 30
5186	..do.	Illinois State Reformatory.	Printing.	3 65
5187	..do.	Stipes & Hecker.	Cement.	200 80
5188	Feb. 11	M. E. Thompson, Cashier.	Dairy bills.	597 13
5189	..do.	M. E. Thompson, Cashier.	Rebates.	102 50
5190	..do.	American LaFrance Fire Engine Co.	Babcock extinguisher.	6 00
5191	Feb. 12	M. E. Thompson, Cashier.	Labor bills.	233 46
5192	..do.	M. E. Thompson, Cashier.	..do.	72 95
5193	..do.	M. E. Thompson, Cashier.	Rebates.	129 50
5194	..do.	M. E. Thompson, Cashier.	Labor bills.	128 40
5195	..do.	Geo. H. Morrill Co.	General supplies.	1 08
5196	Feb. 14	Ed. Young.	Labor.	42 00
5197	..do.	Central Electric Co.	Electric supplies.	21 44
5198	..do.	The Western Roofing & Supply Co.	Magnesia covering.	21 96
5199	..do.	Taylor Hardware Co.	Office supplies.	58 60
5200	..do.	Black Diamond Mfg. Co.	Belt lacing.	4 15
5201	..do.	The Powers Regulator Co.	Thermostat repairs.	6 06
5202	..do.	Standard Oil Co.	Gasoline.	8 75
5203	..do.	Indianapolis Paint & Color Co.	Paints.	3 60
5204	..do.	The Eagle White Lead Co.	White lead.	45 19
5205	..do.	J. C. Thomas.	General supplies.	8 25
5206	..do.	American Linseed Co.	Turpentine.	30 06
5207	..do.	The Blake & Knowles Steam Pump Works.	Piston rod.	13 00
5208	..do.	Central Supply Co.	Scrap iron.	8 10
5209	..do.	Martin Metz.	Tire.	4 00
5210	..do.	Harvey A. Sellers.	Floor dressing.	11 40
5211	..do.	Chas. H. Besly & Co.	General supplies.	99 24
5212	..do.	Ball Engine Co.	Steam valve.	10 50
5213	..do.	National Carbon Co.	Cells.	58 80
5214	..do.	Western Valve Co.	General supplies.	58 55
5215	..do.	Stipes & Hecker.	..do.	386 76
5216	..do.	Garlock Packing Co.	Garlock packing.	15 87
5217	..do.	Corbin Cabinet Lock Co.	Keys.	5 91
5218	..do.	General Chemical Co.	Chemicals.	46 07
5219	..do.	Illinois State Penitentiary.	Brooms.	15 40
5220	..do.	Southern Illinois Penitentiary.	Brushes.	27 75
5221	..do.	M. E. Thompson, Cashier.	Dairy bills.	126 19
5222	..do.	Hyatte Supply Co.	General supplies.	16 13
5223	..do.	Spencer Lens Co.	Micrometer.	51 81
5224	..do.	Chas. G. Willoughby.	Blue print material.	3 11
5225	..do.	Anseo Co.	..do.	34 41
5226	..do.	G. Gennert.	Plate holder.	1 68
5227	..do.	The Frederick Post Co.	Blue print supplies.	2 80
5228	..do.	G. Cramer Dry Plate Co.	Isonon.	82 77
5229	Feb. 16	John Masefield.	Lectures.	150 00
5230	..do.	Geo. B. Carpenter & Co.	General supplies.	33 69
5231	..do.	Swartz Electric Shop.	Electric supplies.	1,296 28
5232	..do.	M. E. Thompson, Cashier.	Labor bills.	668 00
5233	..do.	The Big Four R. R. Co., Champaign.	Freight.	58 79
5234	..do.	The Big Four R. R. Co., Urbana.	..do.	48 31
5235	..do.	M. E. Thompson, Cashier.	Labor bills.	31 40
5236	..do.	M. E. Thompson, Cashier.	..do.	142 00
5237	..do.	M. E. Thompson, Cashier.	Rebates.	44 70
5238	..do.	The Big Four R. R. Co.	Freight.	16 00
5239	..do.	W. H. Boyer.	Salary, February, 1916.	110 00
5240	..do.	C. H. Havens.	..do.	133 33

## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
<b>1916</b>				
5241	Feb 16	M. Murphy	Salary, February, 1916	\$ 110 00
5242	do	T. J. Showers	do	133 33
5243	do	W. J. Smith	do	120 00
5244	do	Clifford Bauer	do	45 00
5245	do	L. E. Sawyer	do	60 00
5246	Feb. 17	Ernst Hertzberg & Sons	Books	2 48
5247	do	Lewis G. Stevenson	Incidentals	20 00
5248	do	Keystone Type Foundry	Lead	1 52
5249	do	John Bennett	Brick work	257 54
5250	do	The Wabash R. R. Co.	Freight	132 22
5251	Feb. 18	James Hay, Jr.	Lectures	300 00
5252	do	The Wabash Ry. Co.	Freight	3 00
5253	do	Colliery Engineer Co.	Books	31 59
5254	do	Albert Bonnier Publishing Co.	do	8 40
5255	do	R. R. Bowker Co.	do	8 00
5256	do	Board of Social Service & Evangelism	do	2 05
5257	do	J. B. Lyon Co.	do	14 00
5258	do	The Lawyers Co-operative Publishing Co.	do	7 00
5259	do	J. Fischer & Bro.	do	3 45
5260	do	George H. Bartlett	do	1 10
5261	do	Review Printing & Stationery Co.	General supplies	199 56
5262	do	E. H. Sargent & Co.	do	10 20
5263	do	G. Gennert	Slide plates	26 81
5264	Feb. 21	M. E. Thompson, Cashier	Dairy bills	245 92
5265	do	M. E. Thompson, Cashier	Express bills	20 10
5266	do	M. E. Thompson, Cashier	Rebates	242 50
5267	do	M. E. Thompson, Cashier	Labor bills	18 60
5268	do	Heaton's Agency	Subscription	1 27
5269	do	Frank M. Lescher	Services	13 12
5270	Feb. 24	M. E. Thompson, Cashier	Dairy bills	209 71
5271	do	M. E. Thompson, Cashier	do	622 84
5272	do	H. S. Capron, Treasurer	Material furnished from University storeroom	33 79
5273	do	H. S. Capron, Treasurer	do	1,216 55
5274	do	Twin City Roofing Co.	General supplies	317 00
5275	do	Reliable Plumbing & Heating Co.	do	11 47
5276	do	S. E. Huff & Co.	Cypress	492 45
5277	do	Taylor Hardware Co.	General supplies	3 62
5278	do	Warren Brush Co.	Brushes	61 15
5279	do	Standard Oil Co.	Oil	15 85
5280	do	Jenkins Brothers	Pump valves	3 87
5281	do	American Radiator Co.	General supplies	5 29
5282	do	The Western Roofing & Supply Co.	Magnesia covering	4 15
5283	do	Champaign & Urbana Water Co.	Sundries	8 40
5284	do	Stipes & Hecker	Paint	50 00
5285	do	G. C. Willis	General supplies	51 25
5286	do	The Garlock Packing Co.	Packing	5 00
5287	do	Central Supply Co.	Pipe straps	1 10
5288	do	Swartz Electric Shop	General supplies	3 75
5289	do	Oldham Brothers	Alcohol	3 57
5290	do	American LaFrance Fire Engine Co.	Babcock extinguishers	8 35
5291	do	Stromberg-Carson Telegraph Mfg. Co.	General supplies	132 00
5292	do	Decatur Bridge Co.	do	148 50
5293	do	The Western Electric Co.	Telephone wire	13 00
5294	do	Alberene Stone Co.	Alberene stone	20 00
5295	do	The Cudahy Packing Co.	Borax soap	7 50
5296	do	H. Mueller Mfg. Co.	Water press reg.	10 62
5297	do	J. L. Mott Iron Works	Pipes	2 38
5298	do	Crane Co.	Galvanized tees	12 00
5299	do	Lewis G. Stevenson	Auto licenses	86 17
5300	do	M. E. Thompson, Cashier	Dairy bills	159 43
5301	do	M. E. Thompson, Cashier	do	46 55
5302	Feb. 25	M. E. Thompson, Cashier	Labor bills	169 88
5303	do	M. E. Thompson, Cashier	Rebates	12 52
5304	do	M. E. Thompson, Cashier	Sundry bills	76 12
5305	do	M. E. Thompson, Cashier	Labor bills	285 71
5306	do	Ernst Hertzberg & Sons	Books	6 00
5307	do	The Frank Shepard Co.	Freight	30 67
5308	do	Illinois Central Ry. Co.	Advertising	2 50
5309	Feb. 26	The Ronald Press Co.	General supplies	5 12
5310	do	G. Cramer Dry Plate Co.	Office supplies	14 99
5311	do	The Tablet & Ticket Co.	do	55 62
5312	do	Geo. Murphy	General supplies	46 25
5313	do	Lyon Metallic Mfg. Co.	Contract	1,625 00
5314	do	New York Blower Co.	Dairy bills	136 23
5315	do	M. E. Thompson, Cashier	Labor bills	134 49
5316	do	W. H. Browne, Secretary	Books	5 71
5317	do	Ernst Hertzberg & Sons	Books	

## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1916			
5318	Feb. 29	J. D. White	Postage	\$ 50 00
5319	do.	Louis Melind Co.	General supplies	1 56
5320	do.	A. C. McClurg & Co.	do.	20 21
5321	do.	University of Illinois Supply Store.	do.	10 25
5322	do.	Illinois State Reformatory	do.	15 10
5323	do.	P. S. Campbell	Printing	25 75
5324	do.	U. S. Blue Print Paper Co.	Office supplies	7 61
5325	do.	The Schapirograph Co.	do.	1 55
5326	do.	National Blank Book Co.	General supplies	4 50
5327	do.	Wm. Goodboy	Office supplies	37 80
5328	do.	The Tablet & Ticket Co.	do.	4 13
5329	do.	Irving Pitt Mfg. Co.	do.	5 00
5330	do.	Alfred Field & Co.	do.	2 68
5331	do.	J. W. Butler Paper Co.	do.	8 34
5332	do.	The Weis Mfg. Co.	General supplies	40 14
5333	do.	Louden & Flaningam	Printing	35 00
5334	do.	L. C. Bernard	Salary, February, 1916	100 00
5335	do.	Clark Bullard	do.	125 00
5336	do.	A. Bevis	do.	143 00
5337	do.	C. L. Gustafson	do.	140 00
5338	do.	R. L. Kelley	do.	135 00
5339	do.	G. C. Faurote	do.	70 00
5340	do.	A. O. Magnuson	do.	90 00
5341	do.	Kelsey B. Gardner	do.	80 00
5342	do.	J. M. Lindgren	do.	59 50
5343	do.	M. E. Thompson, Cashier	Labor bills	715 09
5344	do.	M. E. Thompson, Cashier	Dairy bills	90 99
5345	do.	M. E. Thompson, Cashier	Rebates	92 12
5346	do.	M. E. Thompson, Cashier	Labor bills	26 88
5347	do.	M. E. Thompson, Cashier	do.	71 85
5348	Mar. 3	W. M. Atwell	Wages, February, 1916	69 23
5349	do.	J. E. Bailey	do.	66 00
5350	do.	A. J. Booker	do.	88 40
5351	do.	M. C. Booher	do.	86 00
5352	do.	Geo. Boyer	do.	55 65
5353	do.	John Branigan	do.	67 29
5354	do.	J. E. Browning	do.	57 42
5355	do.	Harry Brown	do.	57 64
5356	do.	Basil Brown	do.	66 72
5357	do.	D. M. Bullock	do.	72 91
5358	do.	Thos. Butler	do.	66 96
5359	do.	Karl Cagan	do.	30 50
5360	do.	John Ceduskey	do.	73 82
5361	do.	J. W. Cheever	do.	50 00
5362	do.	Bert Clark	do.	60 52
5363	do.	John C. Clark	do.	74 25
5364	do.	A. L. Collins	do.	65 62
5365	do.	B. F. Crackel	do.	50 82
5366	do.	F. Crathorne	do.	30 27
5367	do.	G. E. Crump	do.	67 20
5368	do.	Jos. Davis	do.	66 99
5369	do.	C. A. Dunseth	do.	90 00
5370	do.	B. F. English	do.	63 25
5371	do.	Thos. J. Fay	do.	89 90
5372	do.	M. Felgner	do.	53 90
5373	do.	Fred Fender	do.	87 36
5374	do.	Louis Fender	do.	62 28
5375	do.	J. C. Fiscus	do.	88 40
5376	do.	J. J. Fiscus	do.	60 03
5377	do.	Frank Fogarty	do.	52 71
5378	do.	Wm. Fogarty	do.	51 60
5379	do.	Felix Fox	do.	60 75
5380	do.	Guy Fox	do.	80 73
5381	do.	F. T. Franklin	do.	76 78
5382	do.	C. Y. Freeman	do.	60 94
5383	do.	V. S. Glenn	do.	58 74
5384	do.	W. H. Graybeal	do.	57 75
5385	do.	Sell Hamlin	do.	54 78
5386	do.	Samuel Hanson	do.	70 40
5387	do.	E. T. Hargan	do.	58 15
5388	do.	L. T. Heinz	do.	51 70
5389	do.	Harry Higgins	do.	95 60
5390	do.	Chas. Hull	do.	95 75
5391	do.	W. G. Hixon	do.	50 40
5392	do.	F. F. Hoover	do.	58 74
5393	do.	Ross Hutton	do.	65 78
5394	do.	F. M. Irvine	do.	71 35
5395	do.	Jas. Irvine	do.	54 50

## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
5386	Mar. 8 1916	A. L. Johnson.	Wages, February, 1916.	\$ 39 90
5387	do.	C. C. Johnson.	do.	56 28
5388	do.	B. Johns.	do.	55 22
5389	do.	Margaret Jones.	do.	42 50
5400	do.	E. W. Justus.	do.	108 00
5401	do.	Geo. King.	do.	54 45
5402	do.	Timothy Kenney.	do.	65 25
5403	do.	J. A. J. Klen.	do.	66 99
5404	do.	A. Langhoff.	do.	62 10
5405	do.	Fred Langhoff.	do.	63 14
5406	do.	A. C. Litton.	do.	80 04
5407	do.	J. F. Long.	do.	64 50
5408	do.	R. H. Mahoney.	do.	60 95
5409	do.	S. Masse.	do.	59 40
5410	do.	S. L. Mendemalle.	do.	63 34
5411	do.	Dan McNeely.	do.	58 19
5412	do.	D. M. Miller.	do.	58 10
5413	do.	D. L. Moody.	do.	56 10
5414	do.	P. O. Moore.	do.	60 28
5415	do.	Rebecca Morgan.	do.	41 80
5416	do.	Jesse Myers.	do.	42 50
5417	do.	A. J. McAlister.	do.	70 24
5418	do.	Jas. McChughen.	do.	71 28
5419	do.	Frances E. McChughen.	do.	42 50
5420	do.	W. J. McDaniel.	do.	58 52
5421	do.	W. J. McFadden.	do.	42 50
5422	do.	Carl Nebbeck.	do.	51 00
5423	do.	J. K. Orrison.	do.	57 40
5424	do.	C. M. Pills.	do.	72 16
5425	do.	R. A. Palfreyman.	do.	57 42
5426	do.	F. H. Perry.	do.	85 86
5427	do.	Nick Peterson.	do.	64 24
5428	do.	I. E. Perkins.	do.	80 95
5429	do.	W. T. Quinn.	do.	53 34
5430	do.	S. Randall.	do.	87 53
5431	do.	Chas. Redman.	do.	80 06
5432	do.	Ed Richards.	do.	63 80
5433	do.	Mary Ryan.	do.	90 00
5434	do.	A. Serris.	do.	97 44
5435	do.	R. L. Shield.	do.	37 40
5436	do.	Lloyd Snook.	do.	49 60
5437	do.	I. C. Snider.	do.	33 12
5438	do.	Frank Steteler.	do.	52 80
5439	do.	L. M. Stearns.	do.	53 97
5440	do.	Elmer Stratton.	do.	51 06
5441	do.	Gus Strum.	do.	89 00
5442	do.	H. O. Sverringan.	do.	59 02
5443	do.	Wm. Tenmuth.	do.	87 30
5444	do.	H. L. Thompson.	do.	58 30
5445	do.	I. F. Tillison.	do.	59 18
5446	do.	Geo. Toy.	do.	71 25
5447	do.	Geo. Turner.	do.	61 74
5448	do.	O. J. Utterback.	do.	60 72
5449	do.	J. H. Vandewater.	do.	56 72
5450	do.	A. Warmber.	do.	59 22
5451	do.	Edwin Wells.	do.	83 69
5452	do.	J. L. White.	do.	61 63
5453	do.	Wm. Wilde.	do.	61 63
5454	do.	Otto Wiest.	do.	65 29
5455	do.	Amos Wright.	do.	92 50
5456	do.	J. J. Yeav.	do.	44 60
5457	do.	John Begley.	do.	38 40
5458	do.	W. G. Prevette.	do.	45 60
5459	do.	G. Rittenhouse.	do.	62 82
5460	do.	Jas. Casad.	do.	54 80
5461	do.	Frank Chaney.	do.	46 38
5462	do.	J. D. Craig.	do.	120 00
5463	do.	C. M. Davis.	do.	109 12
5464	do.	Chas. Gundlock.	do.	80 40
5465	do.	W. J. Langhoff.	do.	75 05
5466	do.	J. M. Miller.	do.	86 80
5467	do.	Marin Sandwell.	do.	63 80
5468	do.	A. C. Speedie.	do.	115 87
5469	do.	Wesley Wilson.	do.	86 40
5470	do.			90 00
5471	do.			
5472	do.			
5473	do.			



## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1916			
5474	Mar. 3	C. J. Welch	Wages, February, 1916	\$ 140 00
5475	..do.	F. A. Wiltz	..do.	85 00
5476	..do.	A. Glawe	..do.	90 40
5477	..do.	Otto Kreigl	..do.	24 80
5478	..do.	Robert Antoszewski	..do.	3 80
5479	..do.	L. H. Barrett	..do.	12 00
5480	..do.	Geo. Courtney	..do.	21 60
5481	..do.	R. F. Doepef	..do.	14 60
5482	..do.	A. J. Gideon	..do.	5 80
5483	..do.	Ernst Kuechler	..do.	8 40
5484	..do.	G. Lambroff	..do.	8 60
5485	..do.	Wm. Lathrop	..do.	22 60
5486	..do.	A. R. Moore	..do.	22 40
5487	..do.	L. C. McCaskill	..do.	6 60
5488	..do.	R. P. Poppove	..do.	21 20
5489	..do.	A. C. Schneider	..do.	20 60
5490	..do.	E. F. Shelley	..do.	24 40
5491	..do.	H. L. Slack	..do.	16 20
5492	..do.	G. A. Sower	..do.	5 00
5493	..do.	Alfred Spates	..do.	2 00
5494	..do.	W. W. Stockton	..do.	17 20
5495	..do.	Frank Stuart	..do.	15 00
5496	..do.	Earl Severnson	..do.	11 40
5497	..do.	F. M. VanNatter	..do.	2 80
5498	..do.	Ray E. Wolfe	..do.	5 00
5499	..do.	Wilbur Youngman	..do.	11 00
5500	..do.	Elmore Ernst	..do.	71 40
5501	..do.	I. N. Hultman	..do.	25 75
5502	..do.	Morris Munson	..do.	92 00
5503	..do.	Wm. Stuhr	..do.	14 35
5504	..do.	E. A. Sandler	..do.	10 80
5505	..do.	The Martindale Mercantile Agency	Directory	10 60
5506	Mar. 6	The Wabash Ry. Co., Champaign	Freight	10 22
5507	..do.	The Wabash Ry. Co., Urbana	..do.	146 75
5508	..do.	The Burr Co.	General supplies	157 31
5509	..do.	Alexander Lumber Co.	Lumber	1,470 63
5510	..do.	Central Electric Co.	Electrical supplies	1,256 95
5511	..do.	James B. Clow & Sons	General supplies	66 32
5512	..do.	H. Mueller Mfg. Co.	..do.	282 96
5513	..do.	Standard Oil Co.	Oil	22 93
5514	..do.	John B. Bennett	General supplies	149 96
5515	..do.	S. E. Huff & Co.	Building material	224 10
5516	..do.	Twin City Roofing Co.	Building repair	108 00
5517	..do.	Leavitt Mfg. Co.	General supplies	13 48
5518	..do.	Western Kieley Steam Specialty Co.	Valves	22 57
5519	..do.	W. W. Walls & Co.	General supplies	2 00
5520	..do.	Pereival & Moorehead	..do.	8 00
5521	..do.	Crane Co.	..do.	165 45
5522	..do.	Taylor Hardware Co.	..do.	71 61
5523	..do.	Ernst Hertzberg & Sons	Books	1 50
5524	..do.	John Byrne & Co.	Reports	1 50
5525	..do.	U. S. Blue Print Paper Co.	Office supplies	2 30
5526	..do.	The Western Electric Co.	Electrical supplies	82 33
5527	..do.	John H. Doyle	Machine repairs	1 20
5528	..do.	Herrick Auto Supply Co.	General supplies	22 71
5529	..do.	Johnson Brothers	..do.	7 80
5530	..do.	The Chas. A. Hall Hardware Co.	..do.	9 51
5531	..do.	The Hoppes Mfg. Co.	Charts	7 50
5532	..do.	E. V. Kirby Auto Co.	General supplies	6 35
5533	..do.	The Patterson-Sargent Co.	Paint	14 70
5534	..do.	Swartz Electric Co.	Electrical supplies	100 20
5535	..do.	Chas. A. Schieren Co.	Belting	180 99
5536	..do.	Wadsworth-Howland Co.	General supplies	26 52
5537	..do.	Geo. B. Carpenter & Co.	..do.	8 08
5538	..do.	Johnson Service Co.	..do.	58 11
5539	..do.	American Radiator Co.	Valves	23 99
5540	..do.	Burdett Rowntree Mfg. Co.	General supplies	1 55
5541	..do.	Marmion-Buick Sales Co.	..do.	194 86
5542	..do.	J. C. Thomas	..do.	19 38
5543	..do.	North Bangor Slate Co.	Slate	11 30
5544	..do.	Coldwell Lawn Mower Co.	General supplies	59 22
5545	..do.	Federal Sign System	..do.	41 76
5546	..do.	U. S. Reduction Co.	Solder	25 75
5547	..do.	The Whitaker Paper Co.	General supplies	28 42
5548	..do.	John C. Moore Corporation	..do.	10 00
5549	..do.	F. P. Smith Wire & Iron Works	Wire guards	29 50
5550	..do.	Garlock Packing Co.	Packing	76 03
5551	..do.	W. D. Allen Mfg. Co.	General supplies	5 82

## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1916			
5552	Mar. 6	J. W. Spalding.....	Horseshoes.....	\$ 8 00
5553	..do.	Wozencraft & Finner.....	General supplies.....	8 55
5554	..do.	Warren Webster & Co.....	..do.....	24 00
5555	..do.	Ball Engine Co.....	..do.....	3 00
5556	..do.	The Rockwood Mfg. Co.....	Fulley.....	3 06
5557	..do.	Eberhard Faber.....	Erasers.....	21 75
5558	..do.	J. W. Butler Paper Co.....	Office supplies.....	47 35
5559	..do.	Miller-Bryant-Pierce Co.....	..do.....	47 04
5560	..do.	W. B. Day, Actuary.....	Petty expenses.....	80 56
5561	..do.	Adolph Fauli.....	Wages.....	10 13
5562	..do.	Reuben W. Peterson.....	..do.....	6 00
5563	..do.	M. E. Thompson, Cashier.....	Dairy bills.....	185 38
5564	..do.	William Trelease.....	Laboratory supplies.....	2 33
5565	Mar. 9	Slater & Weber.....	Labor on ceramics building.....	50 00
5566	..do.	W. H. Browne, Secretary.....	Petty expenses.....	214 56
5567	..do.	J. D. White.....	Postage.....	1,025 00
5568	..do.	M. E. Thompson, Cashier.....	Dairy bills.....	65 93
5569	..do.	M. E. Thompson, Cashier.....	Labor bills.....	43 00
5570	..do.	M. E. Thompson, Cashier.....	..do.....	28 60
5571	..do.	M. E. Thompson, Cashier.....	..do.....	88 70
5572	..do.	M. E. Thompson, Cashier.....	..do.....	565 22
5573	..do.	M. E. Thompson, Cashier.....	Dairy bills.....	222 06
5574	..do.	William Harris.....	Wages, February, 1916.....	10 40
5575	..do.	Walter T. Day.....	..do.....	12 20
5576	..do.	Guy B. Reno.....	..do.....	11 60
5577	..do.	T. Sherman Morgan.....	..do.....	8 00
5578	..do.	Ralph Kenshalo.....	..do.....	9 60
5579	..do.	E. H. Poole.....	..do.....	1 80
5580	..do.	Elliott Billman.....	..do.....	6 30
5581	..do.	Geo. Murphy.....	General supplies.....	1 17
5582	..do.	The Tablet & Ticket Co.....	Food supplies.....	3 05
5583	..do.	Central Scientific Co.....	Laboratory apparatus.....	14 61
5584	..do.	D. H. Lloyd.....	Office supplies.....	8 40
5585	..do.	Frederick Post Co.....	General supplies.....	64 20
5586	..do.	American Railway Association.....	Books.....	2 00
5587	..do.	American Economic Association.....	..do.....	2 17
5588	..do.	Advance Package & Supply Co.....	Laboratory apparatus.....	3 20
5589	..do.	Freeman & Son.....	Scoops.....	5 00
5590	..do.	Peck & Hills Furniture Co.....	Chairs.....	25 52
5591	..do.	Walworth Mfg. Co.....	General supplies.....	6 33
5592	..do.	The Warner Elevator Mfg. Co.....	..do.....	5 25
5593	..do.	C. H. Brownell.....	..do.....	40 00
5594	..do.	Western Roofing & Supply Co.....	Magnesia covering.....	1 08
5595	..do.	Jones & Laughlin Steel Co.....	Wire nails.....	49 20
5596	..do.	Automatic Electric Co.....	Electrical supplies.....	18 48
5597	..do.	Casavant Brothers.....	Services.....	155 91
5598	..do.	Illinois Electric Mfg. Co.....	Electrical supplies.....	19 50
5599	..do.	Swartz Electric Shop.....	Mazdas.....	106 46
5600	..do.	Central Supply Co.....	General supplies.....	2 70
5601	..do.	Standard Oil Co.....	Oil.....	46 58
5602	..do.	Twin City Roofing Co.....	Building repairs.....	49 75
5603	..do.	Urbana & Champaign Gas & Electric Co.....	General supplies.....	10 85
5604	..do.	M. E. Thompson, Cashier.....	Rebates.....	52 70
5605	..do.	M. E. Thompson, Cashier.....	Express bills.....	9 46
5606	..do.	M. E. Thompson, Cashier.....	Labor bills.....	98 41
5607	..do.	M. E. Thompson, Cashier.....	..do.....	36'60
5608	..do.	M. E. Thompson, Cashier.....	Express bills.....	9 39
5609	..do.	M. E. Thompson, Cashier.....	Dairy bills.....	83 28
5610	..do.	United Lead Co.....	Lead pipes.....	198 00
5611	..do.	Shapleigh Hardware Co.....	Laboratory screws.....	14 14
5612	..do.	George H. Anderson Co.....	Bevel mirror.....	5 73
5613	..do.	Marshall Field & Co.....	General supplies.....	27 94
5614	..do.	Green Engineering Co.....	..do.....	95 63
5615	..do.	Geo. Murphy.....	..do.....	30 95
5616	..do.	National Association of Corporation Schools.....	Incidentals.....	10 00
5617	..do.	Central Electric Co.....	Electrical supplies.....	182 20
5618	..do.	Dr. James Brown Scott.....	Lectures.....	500 00
5619	Mar. 14	Percival & Moorehead.....	Tools.....	4 40
5620	..do.	Johnson Service Co.....	General supplies.....	14 04
5621	..do.	The Western Roofing & Supply Co.....	Asbestos paper.....	1 08
5622	..do.	John H. Doyle.....	General supplies.....	32 30
5623	..do.	Chas. H. Besly & Co.....	Copper.....	4 72
5624	..do.	Henry A. Dreer, Inc.....	Seeds.....	15 90
5625	..do.	General Electric Co.....	Electrical supplies.....	14 40
5626	..do.	Library Bureau.....	Machine repairs.....	6 00
5627	..do.	Illinois State Reformatory.....	Printing.....	8 50
5628	..do.	Keystone Type Foundry.....	General supplies.....	30 99
5629	..do.	Barnhart Brothers & Spindler.....	..do.....	8 57

## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1916			
5630	Mar. 14	Crane Co. ....	Safety valve. ....	\$ 1 58
5631	do.	The Weis Mfg. Co. ....	General supplies. ....	28 95
5632	do.	A. C. McClurg & Co. ....	do. ....	5 04
5633	do.	J. W. Butler Paper Co. ....	Office supplies. ....	16 26
5634	do.	Eberhard Faber. ....	do. ....	7 06
5635	do.	Drop-A-Line Indicator Co. ....	Indicators. ....	19 50
5636	do.	Graham Paper Co. ....	Office supplies. ....	29 69
5637	do.	Shapleigh Hardware Co. ....	Pocket knives. ....	2 35
5638	do.	Geo. H. Anderson & Co. ....	Bevel mirror. ....	24 45
5639	do.	M. E. Thompson, Cashier. ....	Labor bills. ....	584 96
5640	Mar. 17	J. D. White. ....	Postage. ....	50 00
5641	do.	J. W. Butler Paper Co. ....	Office supplies. ....	5 78
5642	do.	The Weis Mfg. Co. ....	General supplies. ....	102 27
5643	do.	Charles H. Besly & Co. ....	do. ....	90 39
5644	do.	Reliable Plumbing & Heating Co. ....	do. ....	49 75
5645	do.	C. A. Kiler. ....	do. ....	44 50
5646	do.	Twin City Roofing Co. ....	Building repairs. ....	136 85
5647	do.	A. C. McClurg & Co. ....	Office supplies. ....	13 32
5648	do.	Swartz Electric Shop. ....	Electric supplies. ....	9 70
5649	do.	Taylor Hardware Co. ....	General supplies. ....	12 30
5650	do.	Central Electric Co. ....	Electric supplies. ....	318 09
5651	do.	Standard Oil Co. ....	Oil. ....	42 24
5652	do.	The Meneley & Ross Co. ....	General supplies. ....	18 94
5653	do.	Alberene Stone Co. ....	Alberene stone. ....	3 25
5654	do.	Illinois Engineering Co. ....	Blast traps. ....	36 00
5655	do.	General Electric Co. ....	Motor. ....	49 89
5656	do.	Daily & O'Brien Co. ....	General supplies. ....	11 69
5657	do.	Johnson Service Co. ....	Services. ....	65 00
5658	do.	St. Louis Screw Co. ....	Bolts. ....	14 70
5659	do.	Supplee-Biddle Hardware Co. ....	Machinery repairs. ....	18 95
5660	do.	Weiner & Schweinsberg. ....	Harness repairs. ....	7 75
5661	do.	Illinois Electric Co. ....	Electrical supplies. ....	26 00
5662	do.	Automatic Electric Co. ....	Electric cord. ....	14 54
5663	do.	Vaughan's Seed Store. ....	Seeds. ....	10 35
5664	do.	Southern Illinois Penitentiary. ....	Brushes. ....	13 00
5665	do.	Ernst Rohrer. ....	Nursery supplies. ....	10 00
5666	do.	Schermhorn Brothers Co. ....	General supplies. ....	46 89
5667	do.	Vacuum Oil Co. ....	Oil. ....	56 00
5668	do.	Chas. Hall Hardware Co. ....	Step ladder. ....	12 00
5669	do.	Bacon Brothers. ....	Chemicals. ....	5 78
5670	do.	E. V. Kirby Auto Co. ....	Valve grinder. ....	1 00
5671	do.	Harry Herrick. ....	Speedometer. ....	14 65
5672	do.	Oldham Brothers. ....	Alcohol. ....	5 00
5673	do.	Library Bureau. ....	General supplies. ....	13 60
5674	do.	Remington Typewriter Co. ....	do. ....	1 50
5675	do.	The University of Illinois Supply Store. ....	Office supplies. ....	58 12
5676	do.	Leavitt Mfg. Co. ....	Steel. ....	1 62
5677	do.	The Schapirograph Co. ....	Office supplies. ....	3 56
5678	do.	Keuffel & Esser Co. ....	Laboratory supplies. ....	9 38
5679	do.	The Ronald Press Co. ....	Advertising. ....	2 50
5680	do.	M. E. Thompson, Cashier. ....	Dairy bills. ....	353 61
5681	do.	Johnson Brothers. ....	Pipes. ....	2 90
5682	do.	F. P. Smith Wire & Iron Works. ....	General supplies. ....	15 00
5683	do.	Illinois Electric Co. ....	Brackets. ....	51 30
5684	do.	The Western Roofing & Supply Co. ....	Magnesia covering. ....	14 70
5685	do.	New York Silicate Book Slate Co. ....	Blackboards. ....	10 08
5686	do.	Weil Brothers. ....	General supplies. ....	22 91
5687	do.	Illinois State Penitentiary. ....	Brooms. ....	14 98
5688	do.	National Cash Register Co. ....	Office supplies. ....	3 50
5689	do.	Louden & Flanigan. ....	Printing. ....	14 75
5690	do.	Baumes-McDevitt Machinery Co. ....	Valves. ....	10 24
5691	do.	M. E. Thompson, Cashier. ....	Rebates. ....	180 25
5692	do.	M. E. Thompson, Cashier. ....	Labor bills. ....	22 06
5693	do.	M. E. Thompson, Cashier. ....	do. ....	34 27
5694	do.	M. E. Thompson, Cashier. ....	Express bills. ....	6 64
5695	Mar. 21	W. H. Boyer. ....	Salary, March, 1916. ....	110 00
5696	do.	C. H. Havens. ....	do. ....	133 33
5697	do.	M. Murphy. ....	do. ....	110 00
5698	do.	T. J. Showers. ....	do. ....	133 33
5699	do.	W. J. Smith. ....	do. ....	120 00
5700	do.	Clifford Bauer. ....	do. ....	45 00
5701	do.	L. E. Sawyer. ....	do. ....	60 00
5702	do.	W. C. Coffey. ....	do. ....	291 66
5703	do.	W. J. Carmichael. ....	do. ....	141 66
5704	do.	H. W. Mumford. ....	do. ....	416 66
5705	do.	J. B. Rice. ....	do. ....	75 00
5706	do.	W. G. Kammlade. ....	do. ....	41 66
5707	do.	R. E. Hieronymus. ....	do. ....	125 00

## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
5708	Mar. 21	Julia Harper.....	Salary, March, 1916.	\$ 75 00
5709	do.	Bessie Packard.....	do.	75 00
5710	do.	Eugene Davenport.....	do.	500 00
5711	do.	F. H. Rankin.....	do.	291 66
5712	do.	A. W. Nolan.....	do.	200 00
5713	do.	J. W. Jamison.....	do.	208 33
5714	do.	J. H. Checkley.....	do.	116 66
5715	do.	C. G. Hopkins.....	do.	458 33
5716	do.	J. G. Moser.....	do.	383 33
5717	do.	E. T. Ebersol.....	do.	100 00
5718	do.	E. H. Walworth.....	do.	100 00
5719	do.	L. W. Dickerson.....	do.	180 00
5720	do.	K. J. T. Ekblaw.....	do.	180 00
5721	do.	M. E. Jarr.....	do.	133 33
5722	do.	C. R. Newell.....	do.	116 66
5723	do.	C. O. Reed.....	do.	133 33
5724	do.	F. C. Baner.....	do.	175 00
5725	do.	A. F. Fisher.....	do.	200 00
5726	do.	A. F. Gustafson.....	do.	175 00
5727	do.	A. L. Witting.....	do.	100 00
5728	do.	W. H. Schlottover.....	do.	180 00
5729	do.	G. Gustaf.....	do.	85 00
5730	do.	W. K. Morkel.....	do.	25 00
5731	do.	Claude Harper.....	do.	83 33
5732	do.	J. W. Whisenand.....	do.	100 00
5733	do.	Edna Roberts.....	do.	83 33
5734	do.	A. T. Harding.....	do.	416 66
5735	do.	N. J. Fraser.....	do.	148 83
5736	do.	N. W. Hepburn.....	do.	208 33
5737	do.	Henry Rank.....	do.	200 00
5738	do.	P. A. Aulse.....	do.	180 00
5739	do.	Harold Gosser.....	do.	53 33
5740	do.	J. C. Blair.....	do.	78 00
5741	do.	J. W. Lloyd.....	do.	416 66
5742	do.	C. M. Robinson.....	do.	148 83
5743	do.	R. R. Bole.....	do.	150 00
5744	do.	S. J. Bole.....	do.	283 33
5745	do.	C. E. Dunn.....	do.	120 00
5746	do.	J. J. Gardner.....	do.	116 66
5747	do.	F. N. Evans.....	do.	150 00
5748	Mar. 22	F. I. Vanning.....	do.	120 00
5749	do.	H. D. Brown.....	do.	83 33
5750	do.	W. S. Brock.....	do.	83 33
5751	do.	Isabel Beverly.....	do.	291 66
5752	do.	Ruth Wheeler.....	do.	166 66
5753	do.	Cora E. Gray.....	do.	125 00
5754	do.	Lunene Seymour.....	do.	166 66
5755	do.	Florence Harrison.....	do.	125 00
5756	do.	Maude E. Parsons.....	do.	141 66
5757	do.	Georgia Fleming.....	do.	108 00
5758	do.	Margaret B. Stanton.....	do.	100 00
5759	do.	Grace E. Stevens.....	do.	116 66
5760	do.	Anna Williams.....	do.	116 66
5761	do.	Leona Hope.....	do.	100 00
5762	do.	Percy Ash.....	do.	125 00
5763	do.	C. R. Clark.....	do.	100 00
5764	do.	L. H. Provine.....	do.	183 33
5765	do.	N. C. Ricker.....	do.	208 33
5766	do.	W. C. Ticeomb.....	do.	291 66
5767	do.	N. A. Wells.....	do.	175 00
5768	do.	Winifred Fehrenkamp.....	do.	120 00
5769	do.	R. T. Jones.....	do.	208 33
5770	do.	W. M. Hocking.....	do.	83 33
5771	do.	J. M. Kellogg.....	do.	150 00
5772	do.	R. S. Fanning.....	do.	150 00
5773	do.	W. S. Wole.....	do.	120 00
5774	do.	C. V. Runger.....	do.	120 00
5775	do.	L. C. Dillenback.....	do.	120 00
5776	do.	W. M. Stanton.....	do.	140 00
5777	do.	I. O. Baker.....	do.	100 00
5778	do.	B. L. Bowling.....	do.	333 33
5779	do.	N. B. Garver.....	do.	83 33
5780	do.	A. B. McDaniel.....	do.	83 33
5781	do.	J. E. Smith.....	do.	229 16
5782	do.	C. C. Wiley.....	do.	150 00
5783	do.			150 00
5784	do.			141 66
5785	do.			141 66

## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
5786	1916 Mar. 22	W. M. Wilson	Salary, March, 1916.	\$208 33
5787	do.	F. H. Newell	do	416 66
5788	do.	C. A. Ellis	do	250 00
5789	do.	G. W. Pickens	do	150 00
5790	do.	W. H. Kaynor	do	140 00
5791	do.	R. E. Davis	do	140 00
5792	do.	C. S. Sale	do	128 00
5793	do.	F. S. Biegler	do	138 33
5794	do.	Morgan Brooks	do	250 00
5795	do.	L. V. Fisk	do	150 00
5796	do.	L. V. James	do	150 00
5797	do.	E. B. Faine	do	291 66
5798	do.	E. H. Waldo	do	166 66
5799	do.	C. H. Moore	do	141 66
5800	do.	A. W. Knight	do	141 66
5801	do.	J. W. Davis	do	141 66
5802	do.	J. W. Miller	do	200 00
5803	do.	F. M. Porter	do	140 00
5804	do.	H. K. Steward	do	138 33
5806	do.	H. H. Jordan	do	138 33
5806	do.	Edna Crane	do	100 00
5807	do.	C. A. Atwell	do	100 00
5808	do.	R. E. Murphy	do	80 00
5809	do.	M. F. Banks	do	291 66
5810	do.	B. W. Benedict	do	80 00
5811	do.	J. A. Dent	do	291 66
5812	do.	J. A. Fisk	do	150 00
5813	do.	G. A. Goodenough	do	51 46
5814	do.	O. A. Lettewier	do	291 66
5815	do.	C. K. Richards	do	250 00
5816	do.	A. V. Villard	do	258 33
5817	do.	H. W. Wierthal	do	228 00
5818	do.	Edwin Frank	do	150 00
5819	do.	B. E. Lehman	do	120 00
5820	do.	H. E. Kennedy	do	150 00
5821	do.	G. A. Keadebaugh	do	150 00
5822	do.	G. A. Gross	do	150 00
5823	do.	J. E. Hogate	do	120 00
5824	do.	J. A. DeTurk	do	130 00
5825	do.	J. T. Duman	do	90 00
5826	do.	H. S. Madwell	do	90 00
5827	do.	H. F. Godke	do	130 00
5828	do.	A. G. Harper	do	150 00
5829	do.	A. E. Robison	do	120 00
5830	do.	M. L. Epper	do	208 33
5831	do.	V. R. Fleming	do	150 00
5832	do.	A. N. Talbot	do	416 66
5833	do.	F. B. Sealey	do	166 66
5834	do.	G. P. Boonsifter	do	150 00
5835	do.	N. E. Ensign	do	160 00
5836	do.	H. E. Babbitt	do	150 00
5837	do.	Henry Gardner	do	130 00
5838	do.	Alexander Vallance	do	170 00
5839	do.	W. J. Putnam	do	150 00
5840	do.	C. B. Noernberg	do	170 00
5841	do.	A. P. Gorman	do	416 66
5842	do.	C. D. Karpf	do	250 00
5843	do.	Isabel Kunz	do	228 16
5844	do.	W. P. Schmitz	do	138 33
5845	do.	E. H. Williams	do	150 00
5846	do.	F. R. Watson	do	250 00
5847	do.	H. W. Hyslop	do	100 00
5848	do.	E. H. Warner	do	105 00
5850	do.	J. B. Nathanson	do	80 00
5851	do.	C. F. Hill	do	75 00
5852	do.	C. S. Fazel	do	50 00
5853	do.	O. A. Randolph	do	110 00
5854	do.	P. L. Bayley	do	50 00
5855	do.	Sebastian Korer	do	80 00
5856	do.	A. M. Bruck	do	166 66
5857	do.	A. F. Gomstock	do	166 66
5858	do.	E. C. Schmidt	do	375 00
5859	do.	J. M. Snodgrass	do	126 17
5860	do.	W. H. Broxmre	do	39 66
5861	do.	M. E. Thompson, Cashier	Petty cash	186 40
5862	do.	Illinois Central Ry. Co.	Daily bills	2 07
5863	do.	Illinois Traction System	Freight	6 44

## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
1916				
5864	Mar. 22	Big Four Ry. Co., Urbana	Freight	\$ 42 32
5865	do.	The Wabash Ry. Co.	do.	6 33
5866	do.	J. Turner	Services	25 00
5867	do.	David M. Fyfe	Live stock	555 00
5868	do.	Slater & Weber	Services	100 00
5869	Mar. 25	M. E. Thompson, Cashier	Dairy bills	58 32
5870	do.	M. E. Thompson, Cashier	do.	100 16
5871	do.	M. E. Thompson, Cashier	do.	509 45
5872	do.	M. E. Thompson, Cashier	do.	121 29
5873	do.	H. S. Capron, Treasurer	Material furnished from University storeroom	1,402 06
5874	do.	The Compo-Board Co.	Compo-Board	35 00
5875	do.	John H. Doyle	General supplies	7 44
5876	do.	Taylor Hardware Co.	do.	17 70
5877	do.	Crane Co.	Flanged valve	13 10
5878	do.	Freeman & Son	General supplies	6 18
5879	do.	John B. Bennett	Labor	45 93
5880	do.	Western Valve Co.	General supplies	32 56
5881	do.	Illinois State Reformatory	Office supplies	6 95
5882	do.	The Western Electric Co.	Electric supplies	37 12
5883	do.	Barnhart Brothers & Spindler	General supplies	15 26
5884	do.	The Burr Co.	Steel frames	89 50
5885	do.	American Steam Gauge & Valve Mfg. Co.	Steam trap	15 75
5886	do.	Warren Webster & Co.	General supplies	35 00
5887	do.	William Hix	Teaming	12 50
5888	do.	Indianapolis Paint & Color Co.	Paints	263 72
5889	do.	Winona C. Hyland	Salary, March	35 00
5890	do.	Swartz Electric Shop	Electric supplies	158 64
5891	Mar. 27	J. Turner	Services	25 00
5892	do.	The Thompson Norris Co.	General supplies	5 40
5893	do.	J. W. Butler Paper Co.	do.	336 31
5894	do.	Ernst Hertzberg & Co.	Books	319 46
5895	do.	Knowlton & Bennett	General supplies	7 75
5896	do.	A. C. McClurg & Co.	do.	10 24
5897	do.	Hunter Rourke & Co.	do.	259 05
5898	do.	U. S. Blue Print Paper Co.	do.	65 19
5899	do.	Western Gas Fixture Co.	do.	101 13
5900	do.	The Wels Mfg. Co.	do.	53 86
5901	do.	Walker & Mulliken	do.	12 85
5902	do.	F. F. Smith Wire & Iron Works	Wire guards	16 55
5903	do.	Johnson Service Co.	General supplies	317 00
5904	do.	Reliable Plumbing & Heating Co.	do.	25 49
5905	do.	S. E. Huff & Co.	Cypress	356 55
5906	do.	Stipes & Hecker	Steel	3 30
5907	do.	Standard Oil Co.	Oil	23 00
5908	do.	Pittsburgh Plate Glass Co.	Wire	3 65
5909	do.	W. Ernest Seatre	Traveling expenses	10 70
5910	do.	Wolverine Brass Works	Soap holders	3 24
5911	do.	A. S. Nelson & Sons	Flour	1 40
5912	do.	J. W. Spalding	Horseshoes	6 00
5913	do.	Illinois Electric Co.	General supplies	17 88
5914	do.	Richardson Scale Co.	Levers	2 00
5915	do.	The Eclipse Paint & Mfg. Co.	Steel	11 70
5916	do.	Indian Refining Co.	General supplies	317 80
5917	do.	Chicago Ladder Co.	do.	78 00
5918	do.	Keuffel & Esser Co.	do.	3 67
5919	do.	E. H. Sargent & Co.	do.	3 04
5920	do.	Defender Photo Supply Co.	Office supplies	4 75
5921	do.	Vaughan's Seed Store	Sprayer	6 00
5922	do.	The Western Roofing & Supply Co.	Magnesia covering	5 13
5923	do.	H. W. Johns-Manville Co.	General supplies	25 49
5924	do.	Watry & Heidkamp	Photo supplies	4 40
5925	do.	R. J. Fitzsimons	do.	2 50
5926	do.	Allison & Hadaway Corporation	do.	21 69
5927	do.	Alberene Stone Co.	Alberene stone	10 30
5928	do.	Hurlock Brothers & Co.	Office supplies	5 48
5929	do.	Remington Typewriter Co.	Carbon	37 50
5930	do.	D. H. Lloyd	Office supplies	30 40
5931	do.	Eberhard Faber	do.	53 80
5932	do.	The Warren Brush Co.	Dusters	2 70
5933	do.	The Globe Wernicke Co.	Office supplies	25 79
5934	do.	Irving Pitt Mfg. Co.	do.	1 70
5935	do.	Louis Melind Co.	do.	1 08
5936	Mar. 31	J. B. Turner	Rebuilding doors	18 00
5937	do.	Jones of Binghamton	Scale	67 50
5938	do.	M. E. Thompson, Cashier	Dairy bills	51 05
5939	do.	M. E. Thompson, Cashier	Rebates	142 75
5940	do.	M. E. Thompson, Cashier	Labor bills	43 15

## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
<b>1916</b>				
5941	Mar. 31	M. E. Thompson, Cashier	Labor bills	\$ 147 56
5942	..do..	M. E. Thompson, Cashier	Dairy bills	574 76
5943	..do..	M. E. Thompson, Cashier	..do..	194 65
5944	..do..	M. E. Thompson, Cashier	Labor bills	59 17
5945	..do..	M. E. Thompson, Cashier	Rebates	87 38
5946	..do..	M. E. Thompson, Cashier	Dairy bills	124 05
5947	..do..	A. O. Magnuson	Salary, March, 1916	90 00
5948	..do..	Kelsey B. Gardner	..do..	80 00
5949	..do..	Ernst Hertzberg & Sons	Books	4 11
5950	..do..	Gustav Fock	..do..	8 54
5951	..do..	Martinus Nilhoff, First National Bank	..do..	1 48
5952	..do..	Librairie Honore Champion, First National Bank	..do..	18 50
5953	..do..	Galloway & Porter, First National Bank	..do..	37 63
5954	..do..	Mexican Mining Journal, First National Bank	..do..	1 50
5955	..do..	Barnhart Brothers & Spindler	General supplies	2 00
5956	..do..	U. S. Cinematograph Co	..do..	30 00
5957	..do..	K. J. Fitzsimons	Autochrom plates	7 30
5958	..do..	Seneca Camera Mfg. Co.	Photo supplies	5 62
5959	..do..	The Big Four Ry. Co., Champaign	Freight	11 30
5960	..do..	The Big Four Ry. Co.	..do..	315 97
5961	..do..	H. S. Capron, Treasurer	Material furnished from University storeroom	40 59
5962	..do..	H. S. Capron, Treasurer	..do..	88 49
5963	Apr. 4	Ernst Hertzberg & Sons	Books	3 17
5964	..do..	Geo. H. Morrill Co.	General supplies	2 03
5965	..do..	The Macmillan Co.	Books	5 40
5966	..do..	W. Lewis & Co.	General supplies	15 39
5967	..do..	Illinois Electric Mfg. Co.	Motor repairs	9 80
5968	..do..	Sargent & Co.	Keys	9 77
5969	..do..	The Foxboro Co.	Charts	6 53
5970	..do..	Weil Brothers	Valves	1 37
5971	..do..	The Eagle White Lead Co.	White lead	83 89
5972	..do..	The Burr Co.	General supplies	13 70
5973	..do..	Heath & Milligan Mfg. Co.	Cement	10 78
5974	..do..	American Linseed Co.	Turpentine	106 71
5975	..do..	Illinois Engineering Co.	General supplies	4 27
5976	..do..	Warren Webster & Co.	..do..	2 48
5977	..do..	Baumes-McDevitt Machine Co.	Steel valves	13 20
5978	..do..	National Blank Book Co.	General supplies	70 02
5979	..do..	W. J. Smith	Thermostat	1 00
5980	..do..	Barnhart Brothers	General supplies	1 95
5981	..do..	Ideal Electric Co.	..do..	1 80
5982	..do..	Cameron Schroth Co.	Hose	19 76
5983	..do..	Julius Seidel Lumber Co.	Pine	33 60
5984	..do..	Peck & Hills Furniture Co.	Mirrors	16 00
5985	..do..	Hunter Rourke & Co.	General supplies	446 65
5986	..do..	Flat Iron Store Co.	Shades	2 25
5987	..do..	St. Louis Screw Co.	Screws	54 50
5988	..do..	National Carbon Co.	Office supplies	58 80
5989	..do..	Coldwell Lawn Mower Co.	Machinery	4 69
5990	..do..	Central Electric Co.	Electrical supplies	6 18
5991	..do..	Knowlton & Bennett	Wall paper	39 25
5992	..do..	Garlock Packing Co.	Garlock	142 89
5993	..do..	American Radiator Co.	General supplies	1 03
5994	..do..	The American Hardware Co.	Key blanks	18 00
5995	..do..	Geo. Strode	Canvas cover	8 00
5996	..do..	Stipes & Hecker	Cement	7 80
5997	..do..	Sanford Mfg. Co.	General supplies	93 00
5998	..do..	The Weis Mfg. Co.	..do..	3 75
5999	..do..	Irving Pitt Mfg. Co.	..do..	90
6000	..do..	Flanigan-Pearson Co.	Printing	30 00
6001	..do..	Miller-Bryant-Pierce Co.	Office supplies	1 20
6002	..do..	Keuffel & Esser Co.	General supplies	1 31
6003	..do..	The Globe Wernicke Co.	..do..	8 68
6004	..do..	Neostyle Co.	Stencil paper	12 18
6005	..do..	Ravenswood Office Specialty Co.	Stationery file	5 40
6006	..do..	J. W. Butler Paper Co.	Office supplies	579 83
6007	..do..	A. C. McClurg & Co.	..do..	19 80
6008	..do..	D. H. Lloyd	..do..	99 54
6009	..do..	F. K. Robeson	General supplies	11 55
6010	..do..	Chicago Fire Brick Co.	..do..	220 00
6011	..do..	Standard Oil Co.	Oil	36 29
6012	..do..	Taylor Hardware Co.	General supplies	55 10
6013	..do..	Crane Co.	..do..	1,381 56
6014	..do..	G. M. Davis Regulator Co.	Regulator ftdg.	81 60
6015	..do..	John B. Bennett	General supplies	196 40

## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1916			
6016	Apr. 4	C. A. Kiler . . . . .	General supplies	\$742 93
6017	.do.	U. S. Blue Print Paper Co. . . . .	Office supplies	65 37
6018	.do.	Butler Brothers . . . . .	.do.	15 29
6019	.do.	Automatic Electric Co. . . . .	Electric supplies	59 85
6020	.do.	M. E. Thompson, Cashier . . . . .	Labor bills	27 41
6021	.do.	L. C. Bernard . . . . .	Salary, March, 1916.	100 00
6022	.do.	Clark Bullard . . . . .	.do.	125 00
6023	.do.	A. Bevis . . . . .	.do.	143 00
6024	.do.	C. L. Gustafson . . . . .	.do.	140 00
6025	.do.	R. L. Kelley . . . . .	.do.	135 00
6026	.do.	G. C. Faurote . . . . .	.do.	70 00
6027	.do.	A. A. Sphung . . . . .	Gross crayfish . . . . .	8 00
6028	.do.	W. M. Atwell . . . . .	Wages, March, 1916.	66 70
6029	.do.	J. E. Bailey . . . . .	.do.	68 42
6030	.do.	V. R. Barnes . . . . .	.do.	66 40
6031	.do.	John Begley . . . . .	.do.	64 35
6032	.do.	A. J. Booker . . . . .	.do.	100 00
6033	.do.	M. C. Booher . . . . .	.do.	101 40
6034	.do.	Geo. Boyer . . . . .	.do.	80 06
6035	.do.	John Brannigan . . . . .	.do.	73 23
6036	.do.	J. E. Browning . . . . .	.do.	61 82
6037	.do.	Harry Brown . . . . .	.do.	60 72
6038	.do.	Basil Brown . . . . .	.do.	67 20
6039	.do.	D. M. Bullock . . . . .	.do.	69 00
6040	.do.	Thos. Butler . . . . .	.do.	69 12
6041	.do.	John Ceduskey . . . . .	.do.	76 78
6042	.do.	J. W. Cheever . . . . .	.do.	54 00
6043	.do.	Bert Clark . . . . .	.do.	65 02
6044	.do.	John C. Clark . . . . .	.do.	80 10
6045	.do.	B. F. Crackel . . . . .	.do.	44 00
6046	.do.	F. Crathorne . . . . .	.do.	86 45
6047	.do.	F. E. Crump . . . . .	.do.	71 61
6048	.do.	Jos. Davis . . . . .	.do.	71 61
6049	.do.	Chas. Dunseth . . . . .	.do.	97 20
6050	.do.	B. F. English . . . . .	.do.	66 93
6051	.do.	Thos. J. Fay . . . . .	.do.	96 10
6052	.do.	M. Felgner . . . . .	.do.	56 00
6053	.do.	Fred Fender . . . . .	.do.	95 36
6054	.do.	Louis Fender . . . . .	.do.	65 56
6055	.do.	J. C. Fiscus . . . . .	.do.	97 20
6056	.do.	J. J. Fiscus . . . . .	.do.	64 17
6057	.do.	Frank Fogarty . . . . .	.do.	55 86
6058	.do.	Wm. Fogarty . . . . .	.do.	55 20
6059	.do.	Guy Fox . . . . .	.do.	79 35
6060	.do.	F. T. Franklin . . . . .	.do.	68 86
6061	.do.	C. Y. Freeman . . . . .	.do.	65 12
6062	.do.	V. S. Glenn . . . . .	.do.	64 02
6063	.do.	W. B. Graybeal . . . . .	.do.	61 53
6064	.do.	Sell Hamlin . . . . .	.do.	61 16
6065	.do.	Samuel Hanson . . . . .	.do.	75 90
6066	.do.	E. J. Hargan . . . . .	.do.	68 73
6067	.do.	L. T. Heinz . . . . .	.do.	59 40
6068	.do.	Harry Higgins . . . . .	.do.	98 00
6069	.do.	Chas. Hill . . . . .	.do.	107 52
6070	.do.	W. G. Hixon . . . . .	.do.	53 20
6071	.do.	F. F. Hoover . . . . .	.do.	68 02
6072	.do.	Ross Hutton . . . . .	.do.	69 46
6073	.do.	F. M. Irvine . . . . .	.do.	75 90
6074	.do.	Jas. Irvine . . . . .	.do.	57 96
6075	.do.	A. L. Johnson . . . . .	.do.	60 06
6076	.do.	C. C. Johnson . . . . .	.do.	59 85
6077	.do.	E. Johns . . . . .	.do.	64 24
6078	.do.	Margaret Jones . . . . .	.do.	45 90
6079	.do.	E. W. Justus . . . . .	.do.	108 00
6080	.do.	Timothy Kenney . . . . .	.do.	70 00
6081	.do.	Geo. King . . . . .	.do.	56 02
6082	.do.	J. A. J. Klien . . . . .	.do.	71 61
6083	.do.	A. Langhoff . . . . .	.do.	31 57
6084	.do.	Fred Langhoff . . . . .	.do.	66 70
6085	.do.	A. C. Litton . . . . .	.do.	70 84
6086	.do.	J. F. Long . . . . .	.do.	85 56
6087	.do.	Roy Long . . . . .	.do.	68 00
6088	.do.	H. H. Mahorney . . . . .	.do.	65 78
6089	.do.	S. Massel . . . . .	.do.	65 12
6090	.do.	Dan Meneely . . . . .	.do.	64 40
6091	.do.	C. M. Miller . . . . .	.do.	60 94
6092	.do.	D. L. Moody . . . . .	.do.	64 68



## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
6093	1916			
Apr. 4		P. O. Moore	Wages, March, 1916.	\$ 53 20
6094	..do.	Rebecca Morgan	..do.	46 90
6095	..do.	Jesse Myers	..do.	64 20
6096	..do.	A. J. McAllister	..do.	70 56
6097	..do.	Jas. McCullough	..do.	69 34
6098	..do.	Frances E. McCloughen	..do.	46 90
6099	..do.	B. F. McDaniel	..do.	55 80
6100	..do.	W. J. McFadden	..do.	55 58
6101	..do.	Carl Neblock	..do.	87 75
6102	..do.	J. R. Newton	..do.	67 44
6103	..do.	C. M. Ollis	..do.	61 82
6104	..do.	R. A. Pallfreyman	..do.	59 01
6105	..do.	F. H. Parris	..do.	70 38
6106	..do.	F. M. Perry	..do.	67 39
6107	..do.	Nick Peterson	..do.	57 54
6108	..do.	W. C. Prevette	..do.	90 40
6109	..do.	J. F. Purkins	..do.	64 90
6110	..do.	Wm. Quinn	..do.	67 41
6111	..do.	Smith Randolph	..do.	64 90
6112	..do.	Chas. Redman	..do.	82 80
6113	..do.	Ed. Richards	..do.	97 20
6114	..do.	Mary Ryan	..do.	42 50
6115	..do.	Fred Ruark	..do.	52 20
6116	..do.	A. Servis	..do.	75 44
6117	..do.	R. L. Shields	..do.	56 70
6118	..do.	Lloyd H. Smook	..do.	55 86
6119	..do.	J. C. Snider	..do.	51 66
6120	..do.	Frank Staefer	..do.	99 69
6121	..do.	L. M. Stearns	..do.	59 85
6122	..do.	Elmer Stratton	..do.	87 46
6123	..do.	Gus Surum	..do.	84 70
6124	..do.	Otto Swearingen	..do.	81 38
6125	..do.	Wm. Templin	..do.	97 20
6126	..do.	H. L. Thompson	..do.	67 10
6127	..do.	L. F. Tillotson	..do.	75 00
6128	..do.	Geo. Toy	..do.	67 85
6129	..do.	Geo. Turner	..do.	66 47
6130	..do.	L. H. Barrett	..do.	17 20
6131	..do.	Geo. Courtney	..do.	24 60
6132	..do.	Ernst Kuechler	..do.	11 20
6133	..do.	G. Lamproff	..do.	8 46
6134	..do.	Wm. Lathrop	..do.	17 20
6135	..do.	A. R. Moore	..do.	10 80
6136	..do.	L. C. McCaskill	..do.	16 40
6137	..do.	R. P. Poppove	..do.	15 50
6138	..do.	Perry Rogers	..do.	20 80
6139	..do.	A. C. Schneider	..do.	20 60
6140	..do.	Earl Severson	..do.	18 60
6141	..do.	E. F. Shelley	..do.	18 00
6142	..do.	H. L. Slack	..do.	15 00
6143	..do.	E. E. Stockton	..do.	8 00
6144	..do.	Frank Stuart	..do.	20 60
6145	..do.	F. M. VanNatter	..do.	20 20
6146	..do.	Ray F. Wolfe	..do.	74 50
6147	..do.	Wilbur Youngman	..do.	70 00
6148	..do.	Elmore G. Ernst	..do.	35 00
6149	..do.	W. L. Parish	..do.	14 25
6150	..do.	Norris Munson	..do.	35 85
6151	..do.	E. A. Sender	..do.	24 75
6152	..do.	L. N. Hultman	..do.	35 85
6153	..do.	H. Greenhill	..do.	12 00
6154	..do.	Wm. Stühr	..do.	7 25
6155	..do.	H. L. Owen	..do.	27 50
6156	..do.	M. G. Johnson	..do.	4 40
6157	..do.	H. B. Buck	..do.	4 40
6158	..do.	R. F. Doepel	..do.	59 18
6159	..do.	O. J. Ueberback	..do.	87 20
6160	..do.	J. H. Vandventer	..do.	70 33
6161	..do.	A. Warbler	..do.	65 92
6162	..do.	Edwin Wells	..do.	88 08
6163	..do.	Ed. Hurmby	..do.	55 65
6164	..do.	V. L. White	..do.	72 32
6165	..do.	Wm. Wilde	..do.	52 40
6166	..do.	Otto Wrest	..do.	100 00
6167	..do.	Amos Wright	..do.	51 20
6168	..do.	J. J. Leaw	..do.	120 00
6169	..do.	Jas. Cassid	..do.	122 34
6170	..do.	Frank Clancy	..do.	

## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
1916				
6171	Apr. 4	J. D. Craig	Wages, March, 1916	\$ 97 20
6172	do.	C. M. Davis	do.	72 40
6173	do.	Albert Glawe	do.	97 60
6174	do.	Chas. Gundlock	do.	94 00
6175	do.	Otto Kreigl	do.	26 00
6176	do.	Wm. Langhoff	do.	77 10
6177	do.	J. H. Miller	do.	121 78
6178	do.	Martin Sandwell	do.	97 20
6179	do.	A. C. Speedie	do.	97 20
6180	do.	Wesley Wilson	do.	98 00
6181	do.	Frank A. Wiltz	do.	85 00
6182	Apr. 5	M. E. Thompson, Cashier	Labor bills	604 16
6183	do.	M. E. Thompson, Cashier	Rebates	66 38
6184	do.	M. E. Thompson, Cashier	Labor bills	88 30
6185	do.	M. E. Thompson, Cashier	do.	94 86
6186	do.	J. D. White, Superintendent of Station	Postage	43 24
6187	do.	W. H. Browne	Petty cash	160 70
6188	do.	M. E. Thompson, Cashier	Miscellaneous bills	15 09
6189	Apr. 6	M. E. Thompson, Cashier	Express bills	15 61
6190	do.	The Daily Illini	Subscription	2 50
6191	do.	Edward Thompson Co.	do.	2 00
6192	do.	Henry Jacobson	Wages, March, 1916	5 60
6193	do.	Lloyd B. Dickey	do.	41 00
6194	do.	Reuben W. Peterson	do.	9 00
6195	do.	Bayard T. Klotzsche	do.	40 40
6196	do.	Berthier Fairbanks	do.	19 00
6197	do.	John Breedis	do.	17 55
6198	do.	J. F. Smith	do.	19 13
6199	do.	Ralph M. Metz	do.	20 00
6200	do.	C. D. Arnold	do.	4 60
6201	do.	O. Beatty	do.	10 80
6202	do.	R. Britt	do.	22 40
6203	do.	G. F. Griffin	do.	25 00
6204	do.	Ruth C. Howells	do.	6 00
6205	do.	C. P. Lathrop	do.	9 60
6206	do.	C. H. Lawrence	do.	22 00
6207	do.	D. C. McCaskill	do.	8 00
6208	do.	R. E. Sperry	do.	9 80
6209	do.	H. P. Gresson	do.	19 80
6210	do.	L. J. Ludwig	do.	19 30
6211	do.	L. G. McAfee	do.	7 20
6212	do.	E. Anastassiades	do.	12 30
6213	do.	George Allen	do.	11 40
6214	do.	C. A. Drake	do.	18 10
6215	do.	R. W. Schecter	do.	12 70
6216	do.	Ella Tillotson	do.	16 60
6217	do.	L. J. Henrich	do.	6 00
6218	do.	C. Mabel Smith	do.	9 60
6219	do.	Grace Geyer	do.	7 40
6220	do.	G. B. Angus	do.	3 60
6221	do.	Harold Boyle	do.	4 70
6222	do.	R. H. Brooks	do.	14 70
6223	do.	C. C. Foulk	do.	17 81
6224	do.	J. K. Primm	do.	13 58
6225	do.	P. H. Tracy	do.	8 20
6226	do.	W. C. Troutman	do.	6 80
6227	do.	H. A. Wells	do.	5 45
6228	do.	Edna Hedrick	do.	6 20
6229	do.	Irma Houser	do.	10 20
6230	do.	M. V. Jamison	do.	5 40
6231	do.	H. W. Kamp	do.	12 00
6232	do.	Adolph Pauli	do.	6 60
6233	do.	Russell Castle	do.	40 50
6234	do.	L. D. Bunting	do.	34 50
6235	do.	Miriam Fasold	do.	6 15
6236	do.	Mary A. Nichols	do.	2 75
6237	do.	Mildred Johnson	do.	2 75
6238	do.	Leeson H. Cook	do.	3 23
6239	do.	E. P. Hohman	do.	4 55
6240	do.	D. F. Fleming	do.	5 40
6241	do.	H. D. Story	do.	16 00
6242	do.	A. Wright	do.	12 00
6243	do.	Frances Klank	do.	11 00
6244	do.	T. H. Armstrong	do.	7 60
6245	do.	C. G. Howard	do.	19 20
6246	do.	L. C. Raines	do.	20 00
6247	do.	C. M. Tower	do.	6 80
6248	do.	J. C. Larson	do.	26 60

## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1916			
6249	Apr. 6	Marie Eppinger.....	Wages, March, 1916.....	\$ 4 30
6250	..do.	Esther Eppinger.....	..do.....	26 00
6251	..do.	Ferdinand Meyer.....	..do.....	17 25
6252	..do.	Myrtle E. Honey.....	..do.....	4 20
6253	..do.	J. H. Gage.....	..do.....	18 90
6254	..do.	Josephine Lindholm.....	..do.....	14 40
6255	..do.	M. G. Barkman.....	..do.....	25 20
6256	..do.	Mary A. Nichols.....	..do.....	7 20
6257	..do.	Paul Arndt.....	..do.....	10 80
6258	..do.	R. M. Strickland.....	..do.....	13 40
6259	..do.	H. Hungerford.....	..do.....	12 80
6260	..do.	S. R. Farah.....	..do.....	23 30
6261	..do.	A. R. Barker.....	..do.....	16 75
6262	..do.	R. F. Harvey.....	..do.....	27 40
6263	..do.	W. R. Jones.....	..do.....	36 90
6264	..do.	Floyd Keepers.....	..do.....	21 25
6265	..do.	Lloyd Keepers.....	..do.....	19 80
6266	..do.	A. R. Kinsey.....	..do.....	13 60
6267	..do.	J. L. Munson.....	..do.....	29 00
6268	..do.	W. G. Wagner.....	..do.....	4 50
6269	..do.	C. J. Campbell.....	..do.....	2 65
6270	..do.	H. A. Chapman.....	..do.....	4 00
6271	..do.	E. E. Elliott.....	..do.....	2 40
6272	..do.	T. E. Henly.....	..do.....	5 80
6273	..do.	H. R. Hill.....	..do.....	11 55
6274	..do.	W. T. Martin.....	..do.....	29 90
6275	..do.	E. L. Reese.....	..do.....	18 60
6276	..do.	Carrol J. Badger.....	..do.....	8 20
6277	..do.	G. A. Cross.....	..do.....	3 90
6278	..do.	M. E. Davis.....	..do.....	18 30
6279	..do.	Ruth I. Mussenden.....	..do.....	30 25
6280	..do.	Arthur Semple.....	..do.....	21 94
6281	..do.	D. E. Warren.....	..do.....	9 18
6282	..do.	Central Electric Co.....	Electric supplies.....	178 52
6283	..do.	J. D. White.....	Postage.....	416 20
6284	..do.	Graham Paper Co.....	General supplies.....	103 33
6285	..do.	Kenffel & Esser Co.....	..do.....	6 75
6286	..do.	Irving Pitt Mfg. Co.....	..do.....	5 42
6287	..do.	D. H. Lloyde.....	Office supplies.....	36 30
6288	..do.	Library Bureau.....	..do.....	165 85
6289	..do.	U. S. Blue Print Paper Co.....	..do.....	4 41
6290	..do.	Eberhard Faber.....	..do.....	77 60
6291	..do.	Eisner Grocery Co.....	General supplies.....	22 20
6292	..do.	Louis Melind Co.....	..do.....	5 80
6293	..do.	W. B. Day, Actuary.....	Petty expenses.....	46 38
6294	..do.	E. W. A. Raowles.....	General supplies.....	1 86
6295	..do.	The Ahrens & Ott Mfg. Co.....	..do.....	13 67
6296	..do.	Chas. A. Hall Hardware Co.....	..do.....	2 00
6297	..do.	Illinois Electric Mfg. Co.....	Electrical supplies.....	30 63
6298	..do.	Freeman & Son.....	General supplies.....	1 36
6299	..do.	Winslow Brothers Co.....	Services.....	24 05
6300	..do.	West Disinfecting Co.....	General supplies.....	24 50
6301	..do.	The A. Burdsal Co.....	Glass board.....	15 50
6302	..do.	Thos. Conron Hardware Co.....	Lawn mower.....	26 50
6303	..do.	The American Hardware Corporation.....	General supplies.....	4 03
6304	..do.	James B. Clow & Sons.....	..do.....	25 57
6305	..do.	Illinois Engineering Co.....	Valves.....	68 40
6306	..do.	Indianapolis Paint & Color Co.....	Paint.....	67 60
6307	..do.	Secretary of State.....	Licenses.....	11 00
6308	..do.	Royal A. Stipes.....	Sand and gravel.....	10 60
6309	..do.	Stipes & Hecker.....	Sand.....	27 60
6310	..do.	Jacob White.....	Labor.....	231 50
6311	..do.	Alberene Stone Co.....	Alberene stone.....	10 42
6312	..do.	Shapleigh Hardware Co.....	General supplies.....	13 62
6313	..do.	The Whitaker Paper Co.....	..do.....	40 00
6314	..do.	Indianapolis Paint & Color Co.....	Paint.....	4 00
6315	..do.	Sloan Valve Co.....	Valves.....	1 58
6316	..do.	Harvey A. Sellers.....	General supplies.....	9 50
6317	..do.	Crane Co.....	..do.....	27 00
6318	..do.	Illinois State Penitentiary.....	Brooms.....	30 90
6319	..do.	Southern Illinois Penitentiary.....	Brushes.....	5 00
6320	..do.	Twin City Roofing Co.....	General supplies.....	22 00
6321	..do.	Swartz Electric Shop.....	Electric supplies.....	237 96
6322	..do.	Hoosier Mfg. Co.....	Soap.....	61 25
6323	..do.	The L. S. Starrett Co.....	General supplies.....	41 15
6324	..do.	Barbee Wire & Iron Works.....	Window guards.....	14 70
6325	..do.	Marshall Field & Co.....	General supplies.....	49 43
6326	..do.	Western Valve Co.....	..do.....	120 60

## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1916			
6327	Apr. 6	The Cudahy Packing Co.	Soap	\$ 15 68
6328	..do.	American Can Co.	General supplies	8 50
6329	..do.	Devoe & Reynolds Co.	Enamel	12 55
6330	..do.	American Steam Gauge & Valve Mfg. Co.	Hand jacks	1 22
6331	..do.	H. W. Johns-Manville Co.	General supplies	2 94
6332	..do.	The Warren Brush Co.	Brushes	50 40
6333	..do.	Taylor Hardware Co.	..do.	62 90
6334	..do.	Automatic Electric Co.	Electrical supplies	211 75
6335	..do.	Pittsburgh Plate Glass Co.	Glass	79 40
6336	..do.	F. K. Robeson	General supplies	40 90
6337	..do.	The Burr Co.	..do.	44 75
6338	Apr. 10	The Big Four Ry. Co., Champaign	Freight	3 72
6339	..do.	The Big Four Ry. Co., Urbana	..do.	108 59
6340	..do.	The Wabash R. R. Co.	..do.	150 68
6341	..do.	H. E. Richardson	Wages, March, 1916	28 95
6342	..do.	D. G. Evans	..do.	19 00
6343	..do.	H. T. Gallaher	..do.	13 60
6344	..do.	E. G. Weiler	..do.	12 20
6345	..do.	Guy B. Reno	..do.	14 00
6346	..do.	Walter T. Day	..do.	13 20
6347	..do.	William Harris	..do.	12 20
6348	..do.	T. Sherman Morgan	..do.	7 80
6349	..do.	Ralph Kenshalo	..do.	12 80
6350	..do.	E. W. Poole	..do.	3 00
6351	..do.	Elliott Billman	..do.	21 00
6352	..do.	H. N. Flacon	..do.	10 00
6353	..do.	C. Anderson	..do.	12 26
6354	..do.	J. M. Ketch	..do.	12 19
6355	..do.	The Tablet & Ticket Co.	Office supplies	3 81
6356	..do.	U. S. Cinematograph Co.	..do.	19 12
6357	..do.	F. K. Robeson	Muslin	2 60
6358	..do.	Mrs. F. E. McClughen	Laundry	21 37
6359	..do.	The Wabash R. R. Co.	Freight	2 64
6360	..do.	M. E. Thompson, Cashier	Dairy bills	134 81
6361	..do.	M. E. Thompson, Cashier	..do.	397 30
6362	..do.	Chas. H. Besly & Co.	General supplies	4 08
6363	..do.	American Hardware Corporation	..do.	163 38
6364	..do.	The Patterson-Sargent Co.	Paint	158 47
6365	..do.	Pittsburgh Plate Glass Co.	Glass cutters	2 32
6366	..do.	Swartz Electric Shop	Dry cells	3 60
6367	..do.	Standard Oil Co.	Gasoline	13 88
6368	..do.	Western Kieley Steam Specialty Co.	Valves	13 00
6369	..do.	Chas. A. Hall Hardware Co.	Check spring	1 00
6370	..do.	James B. Clow & Sons	General supplies	2 08
6371	..do.	Johnson-Krabbe Electric Co.	Electrical supplies	2 40
6372	..do.	National Metal Molding Co.	General supplies	277 48
6373	..do.	Louis Melind Co.	Office supplies	19 80
6374	..do.	Butler Brothers	General supplies	3 96
6375	..do.	Decorators Supply Co.	Brackets	9 50
6376	..do.	Marshall Field & Co.	General supplies	45 78
6377	..do.	F. W. A. Rowles	Office supplies	11 80
6378	..do.	The Burr Co.	General supplies	165 00
6379	..do.	R. C. Wagner & Son	Teaming	828 50
6380	..do.	J. W. Butler Paper Co.	Office supplies	81 44
6381	..do.	J. D. White	Postage	105 70
6382	..do.	Keystone Type Foundry	General supplies	12 88
6383	..do.	Geo. Murphy	Lantern slides	12 31
6384	..do.	Anso Co.	General supplies	21 98
6385	Apr. 13	Illinois Central Ry. Co.	Freight	76 10
6386	..do.	M. E. Thompson, Cashier	Rebates	85 00
6387	..do.	M. E. Thompson, Cashier	Labor bills	29 90
6388	..do.	M. E. Thompson, Cashier	Express bills	9 52
6389	..do.	M. E. Thompson, Cashier	Labor bills	619 57
6390	..do.	Herbert L. Creek	Services	5 00
6391	..do.	Sada Harbarger	..do.	5 00
6392	..do.	Ralph Tiede	..do.	5 00
6393	..do.	Sarco Co., Inc.	Steam traps	52 00
6394	..do.	New York Blower Co.	Contract	1,507 24
6395	..do.	William Hix	Teaming	10 00
6396	..do.	Hunter Rourke & Co.	General supplies	18 30
6397	..do.	Lewis Electric Supply Co.	Electrical supplies	5 61
6398	..do.	American LaFrance Fire Engine Co.	Fire extinguishers	24 00
6399	..do.	Jones & Laughlin Steel Co.	General supplies	10 11
6400	..do.	Grand Rapids School Equipment Co.	Desks	690 00
6401	..do.	The Shaw-Walker Co.	General supplies	3 80
6402	..do.	Shapleigh Hardware Co.	..do.	88 19
6403	..do.	Dan G. Swannell	Premiums	3 50
6404	..do.	Mary Moorehead	Salary, January and February	80 00

## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1916			
6405	Apr. 13	G. Gennert	General supplies	\$ 8 23
6406	do.	Barnhart Brothers & Spindler	do.	39 14
6407	do.	Louden & Flanigan	Printing	4 50
6408	do.	Barnhart Brothers & Spindler	General supplies	2 31
6409	do.	Slater & Weber	Labor	573 51
6410	do.	The Ronald Press Co.	Journal	2 50
6411	do.	Anseo Co.	General supplies	10 42
6412	Apr. 14	M. E. Thompson, Cashier	Labor bills	98 80
6413	do.	C. J. Welch	Salary, March	39 20
6414	do.	Eugene Dietzgen Co.	General supplies	11 20
6415	do.	H. F. Harrington	Traveling expenses	1 80
6416	do.	Robert G. Lee	do.	24 93
6417	Apr. 17	Percheron Society of America	Incidentals	3 00
6418	do.	Eugene Dietzgen Co.	General supplies	1 66
6419	do.	A. A. Sphung	Clams	8 00
6420	do.	C. A. Klier	Repair work	11 96
6421	do.	Reliable Plumbing & Heating Co.	General supplies	15 21
6422	do.	Urbana & Champaign Gas & Electric Co.	Broiling pan	2 00
6423	do.	The Burr Co.	General supplies	75 73
6424	do.	H. A. Hollister	Traveling expenses	27 30
6425	do.	Tower Mfg. & Novelty Co.	Office supplies	2 59
6426	do.	National Blank Book Co.	do.	11 25
6427	do.	Faxton Mfg. Co.	do.	6 06
6428	do.	The Schapirograph Co.	Schapirograph rolls	5 63
6429	do.	Miller-Bryant-Pierce Co.	Carbon	1 73
6430	do.	Geo. B. Carpenter Co.	General supplies	9 75
6431	do.	Louis Melind Co.	do.	1 93
6432	do.	W. H. Browne	Petty cash	69 13
6433	do.	M. E. Thompson, Cashier	Dairy bills	247 71
6434	do.	A. C. McClurg & Co.	General supplies	15 32
6435	do.	Keuffel & Esser Co.	Laboratory supplies	11 67
6436	do.	J. W. Butler Paper Co.	General supplies	18 19
6437	Apr. 19	Flanigan-Pearson Co.	Printing	19 60
6438	do.	Whiting Paper Co.	General supplies	66 00
6439	do.	Tower Mfg. & Novelty Co.	do.	2 29
6440	do.	Eberhard Faber Co.	do.	6 13
6441	do.	Irving Pitt Mfg. Co.	Paint	3 50
6442	do.	The Weiss Mfg. Co.	General supplies	38 64
6443	do.	Blaisdell Paper Pencil Co.	Office supplies	12 70
6444	do.	American Clip Co.	do.	10 50
6445	do.	Geo. B. Carpenter Co.	General supplies	16 86
6446	do.	A. C. McClurg & Co.	do.	22 00
6447	do.	The Gardening Co.	Books	2 00
6448	do.	J. W. Butler Paper Co.	Office supplies	503 19
6449	do.	The University of Illinois Supply Store	do.	36 44
6450	do.	M. E. Thompson, Cashier	Labor bills	719 58
6451	do.	W. H. Boyer	Salary, April, 1916	110 00
6452	do.	C. H. Havens	do.	133 33
6453	do.	M. Murphy	do.	110 00
6454	do.	T. J. Showers	do.	133 33
6455	do.	W. J. Smith	do.	120 00
6456	do.	Clifford Bauer	do.	45 00
6457	do.	L. E. Sawyer	do.	60 00
6458	do.	F. H. Rankin	do.	291 66
6459	do.	A. W. Nolan	do.	200 00
6460	do.	A. W. Jamison	do.	208 33
6461	do.	J. H. Checkley	do.	116 66
6462	do.	C. G. Hopkins	do.	458 33
6463	do.	J. G. Mosler	do.	333 33
6464	do.	E. T. Ebersson	do.	100 00
6465	do.	E. H. Walworth	do.	100 00
6466	do.	L. W. Diekerson	do.	150 00
6467	do.	K. J. T. Ekblaw	do.	150 00
6468	do.	M. E. Jahr	do.	133 33
6469	do.	C. R. Newell	do.	116 66
6470	do.	C. O. Reed	do.	133 33
6471	do.	F. C. Bauer	do.	175 00
6472	do.	F. A. Fisher	do.	133 33
6473	do.	A. F. Gustafson	do.	200 00
6474	do.	A. L. Whiting	do.	175 00
6475	do.	W. R. Schoonover	do.	100 00
6476	do.	G. Gusler	do.	180 00
6477	do.	W. K. Morkel	do.	25 00
6478	do.	Claude Harper	do.	83 33
6479	do.	J. W. Whisenand	do.	100 00
6480	do.	J. A. Detlefson	do.	225 00
6481	do.	Elmer Roberts	do.	83 33
6482	do.	A. H. Harding	do.	416 66

## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1916			
6483	Apr. 19	W. J. Frase	Salary, April, 1916.	\$145 83
6484	..do.	N. W. Hepburn	..do.	208 33
6485	..do.	LeRoy Lang	..do.	200 00
6486	..do.	H. A. Ruehe	..do.	150 00
6487	..do.	P. W. Allen	..do.	83 33
6488	..do.	H. B. Dorner	..do.	250 00
6489	..do.	J. C. Blair	..do.	416 66
6490	..do.	J. W. Lloyd	..do.	145 83
6491	..do.	C. M. Robinson	..do.	150 00
6492	..do.	R. R. Root	..do.	233 33
6493	..do.	S. J. Bole	..do.	150 00
6494	..do.	J. J. Gardener	..do.	166 66
6495	..do.	F. N. Evans	..do.	150 00
6496	..do.	F. L. Venning	..do.	120 00
6497	..do.	H. D. Brown	..do.	83 33
6498	..do.	W. S. Brock	..do.	83 33
6499	..do.	Isabel Beyer	..do.	281 66
6500	..do.	Ruth Wheeler	..do.	166 66
6501	..do.	Cora E. Gray	..do.	125 00
6502	..do.	Lurene Seymour	..do.	166 66
6503	..do.	Florence Harrison	..do.	125 00
6504	..do.	Maude E. Parsons	..do.	141 66
6505	..do.	Georgia Fleming	..do.	100 00
6506	..do.	Gretta Gray	..do.	108 33
6507	..do.	Margaret P. Stanton	..do.	116 66
6508	..do.	Grace E. Stevens	..do.	116 66
6509	..do.	Anna Williams	..do.	100 00
6510	..do.	Leona Hope	..do.	125 00
6511	..do.	Percy Ash	..do.	208 33
6512	..do.	C. R. Clark	..do.	183 33
6513	..do.	L. H. Provine	..do.	291 66
6514	..do.	N. C. Ricker	..do.	291 66
6515	..do.	W. C. Titcomb	..do.	175 00
6516	..do.	N. A. Wells	..do.	208 33
6517	..do.	I. O. Baker	..do.	333 33
6518	..do.	N. B. Garver	..do.	141 66
6519	..do.	A. B. McDaniel	..do.	229 16
6520	..do.	J. E. Smith	..do.	150 00
6521	..do.	W. M. Wilson	..do.	208 33
6522	..do.	C. A. Ellis	..do.	250 00
6523	..do.	P. S. Biegler	..do.	183 00
6524	..do.	Morgan Brooks	..do.	250 00
6525	..do.	I. W. Fisk	..do.	150 00
6526	..do.	L. V. James	..do.	150 00
6527	..do.	E. B. Paine	..do.	291 66
6528	..do.	E. H. Waldo	..do.	166 66
6529	..do.	J. A. Dent	..do.	150 00
6530	..do.	G. A. Goodenough	..do.	291 66
6531	..do.	O. A. Leutwiler	..do.	250 00
6532	..do.	C. R. Richards	..do.	453 33
6533	..do.	A. C. Willard	..do.	225 00
6534	..do.	M. L. Enger	..do.	208 33
6535	..do.	V. R. Fleming	..do.	150 00
6536	..do.	A. N. Talbot	..do.	416 66
6537	..do.	F. B. Seeley	..do.	166 66
6538	..do.	G. P. Boomsliter	..do.	150 00
6539	..do.	N. E. Ensign	..do.	141 66
6540	..do.	A. P. Carmen	..do.	416 66
6541	..do.	C. T. Knipp	..do.	250 00
6542	..do.	Jakob Kunz	..do.	229 16
6543	..do.	W. F. Schulz	..do.	183 33
6544	..do.	E. H. Williams	..do.	150 00
6545	..do.	F. R. Watson	..do.	250 00
6546	..do.	A. M. Buck	..do.	166 66
6547	..do.	A. F. Comstock	..do.	166 66
6548	..do.	E. C. Schmidt	..do.	375 00
6549	..do.	J. M. Snodgrass	..do.	208 33
6550	..do.	C. F. Hottes	..do.	250 00
6551	..do.	F. L. Stevens	..do.	333 33
6552	..do.	Wm. Trelease	..do.	416 66
6553	..do.	C. W. Balke	..do.	270 33
6554	..do.	C. G. Derrick	..do.	191 66
6555	..do.	S. W. Parr	..do.	166 66
6556	..do.	G. M. Smith	..do.	166 66
6557	..do.	E. W. Washburn	..do.	291 66
6558	..do.	H. C. P. Weber	..do.	166 66
6559	..do.	G. D. Beal	..do.	123 33
6560	..do.	B. S. Hopkins	..do.	133 33

## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount
1916				
6561	Apr. 19	D. A. MacInnes.....	Salary, April, 1916.....	\$133 33
6562	do.	J. W. Folsom.....	do.	208 33
6563	do.	A. D. MacGillivray.....	do.	250 00
6564	do.	W. S. Bayley.....	do.	250 00
6565	do.	C. W. Rolfe.....	do.	250 00
6566	do.	T. E. Savage.....	do.	21 02
6567	do.	M. E. Thompson, Cashier.....	Rebates.....	126 75
6568	do.	M. E. Thompson, Cashier.....	Labor bills.....	104 85
6569	do.	M. E. Thompson, Cashier.....	do.	108 99
6570	do.	M. E. Thompson, Cashier.....	Sundry bills.....	4 25
6571	do.	M. E. Thompson, Cashier.....	do.	4 25
6572	do.	J. D. White.....	Postage.....	926 00
6573	Apr. 20	Willis R. Whitney.....	Lectures.....	100 00
6574	do.	Alexander Smith.....	do.	100 00
6575	do.	Ernst Hertzberg & Sons.....	Books.....	831 45
6576	do.	Illinois Traction System.....	Freight.....	83 89
6577	do.	The Big Four R. R. Co.....	do.	103 97
6578	do.	The Big Four R. R. Co.....	do.	4 59
6579	do.	Illinois Traction System.....	do.	1 06
6580	do.	Illinois Central R. R. Co.....	do.	12 24
6581	do.	The Wabash R. R. Co.....	do.	99 30
6582	Apr. 21	W. C. Coffey.....	Salary, April, 1916.....	291 66
6583	do.	W. J. Carmichael.....	do.	141 66
6584	do.	H. W. Mumford.....	do.	416 66
6585	do.	J. B. Rice.....	do.	75 00
6586	do.	W. G. Kammlade.....	do.	41 66
6587	do.	J. L. Edmonds.....	do.	233 33
6588	do.	R. E. Hieronymus.....	do.	125 00
6589	do.	Julia Harper.....	do.	75 00
6590	do.	Bessie Packard.....	do.	75 00
6591	do.	M. E. Thompson, Cashier.....	Dairy bills.....	308 81
6592	do.	M. E. Thompson, Cashier.....	do.	137 78
6593	do.	Ernst Hertzberg & Sons.....	Books.....	21 90
6594	Apr. 24	Multicolor Sales Co.....	General supplies.....	3 25
6595	do.	W. M. Trelease.....	Laboratory supplies.....	1 35
6596	do.	J. W. Butler Paper Co.....	Office supplies.....	107 37
6597	do.	Winona C. Hyland.....	Salary, April, 1916.....	70 00
6598	do.	W. H. Browne.....	Petty cash.....	148 30
6599	Apr. 25	J. W. Butler Paper Co.....	Office supplies.....	126 51
6600	do.	Weil Brothers.....	do.	113 80
6601	do.	American LaFrance Fire Engine Co.....	Pail hooks.....	42 15
6602	do.	Stipes & Hecker.....	General supplies.....	59 30
6603	do.	The Garden City Sand Co.....	do.	30 75
6604	do.	Twin City Roofing Co.....	do.	115 10
6605	do.	Detroit Flower Pot Co.....	do.	55 65
6606	do.	Crane Co.....	do.	69 50
6607	do.	Standard Oil Co.....	Gasoline.....	53 67
6608	do.	Western Kiely Steam Specialty Co.....	General supplies.....	23 20
6609	do.	Pittsburgh Plate Glass Co.....	Glass.....	97 50
6610	do.	H. Mueller Mfg. Co.....	General supplies.....	12 25
6611	do.	F. K. Robeson.....	do.	256 45
6612	do.	Alexander Lumber Co.....	Roofing.....	28 00
6613	do.	The Western Roofing & Supply Co.....	Magnesia covering.....	44 80
6614	do.	Leavitt Mfg. Co.....	General supplies.....	15 00
6615	do.	Taylor Hardware Co.....	do.	100 79
6616	do.	Century Electric Co.....	Electrical supplies.....	1 20
6617	do.	Geo. F. Righter.....	General supplies.....	77 62
6618	do.	Western Valve Co.....	Unions.....	12 96
6619	do.	The Cudahy Packing Co.....	Soap.....	19 60
6620	do.	Shapleigh Hardware Co.....	General supplies.....	3 00
6621	do.	Royal A. Stipes.....	Sand and gravel.....	89 00
6622	do.	Urbana & Champaign Ry., Gas & Electric Co.....	General supplies.....	3 00
6623	do.	Butler Brothers.....	Door mats.....	15 34
6624	do.	Harvey A. Sellers.....	General supplies.....	9 50
6625	do.	Conner & Quayle.....	Horseshoes.....	8 00
6626	do.	Rubberset Co.....	General supplies.....	25 43
6627	do.	John B. Bennett.....	do.	68 53
6628	do.	Flat Iron Store Co.....	Shades.....	10 50
6629	do.	Heath & Milligan Mfg. Co.....	Cement coating.....	12 00
6630	do.	John A. Roebbling's Sons Co.....	General supplies.....	76 47
6631	do.	W. Lewis & Co.....	do.	4 04
6632	do.	John B. Bennett.....	Labor and material.....	2 24
6633	do.	The Sherwin William Co.....	Paint.....	16 46
6634	do.	Automatic Electric Co.....	Selectors.....	30 00
6635	do.	Miller Lock Co.....	General supplies.....	13 50
6636	do.	Schermerhorn Bros. Co.....	Mops.....	39 20
6637	do.	Vacuum Oil Co.....	Oil.....	136 23

## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount
1916				
6638	Apr. 25	The Bristol Co.	Charts	\$ 3 00
6639	do.	Seehausen, Wehrs & Co.	Flange unions	49 09
6640	do.	Central Scientific Co.	General supplies	8 11
6641	do.	W. D. Allen Mfg. Co.	do.	75 73
6642	do.	General Electric Co.	Electrical supplies	5 78
6643	do.	Hills McCanna Co.	General supplies	5 77
6644	do.	Edward Smith & Co.	Floor finish	53 92
6645	do.	Detroit Graphite Co.	Floor paint	27 00
6646	do.	Benjamin Moore & Co.	do.	6 75
6647	do.	The Lunkensheimer Co.	General supplies	3 89
6648	do.	The Inner Braced Furniture Co.	Chairs	135 00
6649	do.	G. C. Willis.	General supplies	107 50
6650	do.	Reliable Plumbing & Heating Co.	do.	24 19
6651	do.	Manning Sand Paper Co.	Office supplies	5 70
6652	do.	Barbee Wire & Iron Works.	Window guards	2 00
6653	do.	Jno. O. Smith.	Repairs on clock	1 50
6654	do.	Lewis Electric Supply Co.	Electric supplies	1 40
6655	do.	Central Electric Co.	do.	22 00
6656	do.	Illinois Electric Co.	do.	33 80
6657	do.	The Sneed & Co. Iron Works.	Bookstacks	730 00
6658	do.	Harry Herriek	General supplies	20 30
6659	do.	C. A. Kiler	Linoleum	22 80
6660	do.	The Burr Co.	Waste	3 75
6661	do.	Percival & Moorehead	General supplies	3 20
6662	do.	Oldham Brothers	Alcohol	2 85
6663	do.	Irving Pitt Mfg. Co.	General supplies	21 40
6664	do.	D. H. Lloyd	do.	26 43
6665	do.	A. C. McClurg & Co.	Office supplies	10 46
6666	do.	Underwood Typewriter Co.	do.	2 40
6667	do.	The Globe Wernicke Co.	do.	1 45
6668	do.	Oswald Weigel	Books	1 68
6669	do.	M. E. Thompson, Cashier	Labor bills	656 67
6670	do.	M. E. Thompson, Cashier	Rebates	117 00
6671	do.	M. E. Thompson, Cashier	Dairy bills	127 51
6672	do.	M. E. Thompson, Cashier	Labor bills	89 63
6673	Apr. 28	J. D. White	Postage	9 26
6674	do.	H. S. Capron, Treasurer	Material furnished from University storeroom	1,629 59
6675	do.	H. S. Capron, Treasurer	do.	25 51
6676	do.	M. E. Thompson, Cashier	Express bills	12 15
6677	do.	M. E. Thompson, Cashier	Miscellaneous bills	12 07
6678	do.	M. E. Thompson, Cashier	Dairy bills	183 96
6679	do.	Ingersoll Rand & Co.	Freight	4 89
6680	do.	E. H. Sargent & Co.	Chloride	24 00
6681	do.	J. J. Hall & Son	Laboratory apparatus	1 00
6682	do.	Geo. Murphy	General supplies	1 24
6683	do.	Anso Co.	Photo supplies	54 54
6684	do.	Swartz Electric Co.	Electrical supplies	89 41
6685	do.	The Globe Wernicke Co.	General supplies	24 81
6686	do.	Louden & Flaningam	Printing	69 75
6687	Apr. 29	Ernst Hertzberg & Sons	Books	153 57
6688	do.	J. W. Butler Paper Co.	Office supplies	110 68
6689	do.	D. H. Lloyd	do.	15 63
6690	do.	A. C. McClurg & Co.	General supplies	19 72
6691	do.	Geo. F. Righter	Office supplies	3 53
6692	do.	Remington Typewriter Co.	do.	37 50
6693	do.	Eberhard Faber Co.	General supplies	26 27
6694	do.	Transo Envelope Co.	Office supplies	18 75
6695	do.	Sanford Mfg. Co.	General supplies	20 58
6696	do.	Irving Pitt Mfg. Co.	Office supplies	1 74
6697	do.	Flanigan-Pearson Co.	General supplies	36 50
6698	do.	Wolverine Brass Works	do.	2 75
6699	do.	Library Bureau	do.	4 60
6700	do.	The University of Illinois Supply Store	do.	3 84
6701	do.	Miller-Bryant-Pierce Co.	do.	47 04
6702	do.	J. W. Miller	do.	7 75
6703	do.	Graham Paper Co.	do.	75 29
6704	do.	Keuffel & Esser Co. of New York	do.	28 50
6705	do.	G. Cramer Dry Plate Co.	do.	95 80
6706	do.	M. E. Thompson	Dairy supplies	76 74
6707	do.	L. C. Bernard	Salary, April	100 00
6708	do.	Bullard Clark	do.	125 00
6709	do.	A. Bevis	do.	143 00
6710	do.	C. L. Gustafson	do.	140 00
6711	do.	R. L. Kelley	do.	135 00
6712	do.	G. C. Faurote	do.	70 00
6713	do.	A. O. Magnuson	do.	90 00
6714	do.	Kelsey B. Gardner	do.	80 00



## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
6715	1916 Apr. 29	H. S. Capron, Treasurer.....	Material furnished from Univer-	
6716	May 3	Wabash R. R. Co.....	sity storeroom.....	\$140 03
6717	do.	The Big Four.....	Freight.....	44 78
6718	do.	Illinois Traction System.....	do.....	48 00
6719	do.	The Big Four.....	do.....	6 54
6720	do.	Illinois Central Ry. Co.....	do.....	117 88
6721	do.	John B. Bennett.....	Building material.....	25 71
6722	do.	Fisher Governor Co.....	General supplies.....	154 07
6723	do.	Central Electric Co.....	General supplies.....	17 34
6724	do.	Crane Co.....	Electrical supplies.....	121 36
6725	do.	Taylor Hardware Co.....	General supplies.....	52 73
6726	do.	George Strode.....	do.....	74 93
6727	do.	F. K. Robeson.....	Awnings.....	145 40
6728	do.	Standard Oil Co.....	General supplies.....	7 81
6729	do.	Western Electric Co., Inc.....	Oil.....	33 85
6730	do.	Twin City Roofing Co.....	Electrical supplies.....	153 55
6731	do.	Hall Hardware Co.....	Building material.....	120 60
6732	do.	Pittsburgh Plate Glass Co.....	General supplies.....	26 30
6733	do.	John H. Doyle.....	Glass.....	366 40
6734	do.	Jacob White.....	General supplies.....	3 30
6735	do.	Percival & Moorehead.....	Plastering.....	262 75
6736	do.	The Burr Co.....	General supplies.....	9 60
6737	do.	The Alexander Lumber Co.....	do.....	132 49
6738	do.	Central Supply Co.....	Lumber.....	93 27
6739	do.	Flanigan-Pearson Co.....	General supplies.....	110 72
6740	do.	Walworth Mfg. Co.....	do.....	7 25
6741	do.	Johnson-Krabble Electric Co.....	do.....	213 98
6742	do.	Stipes & Hecker.....	Switch boxes.....	3 00
6743	do.	Lange Bros.....	Cement and sand.....	49 60
6744	do.	Knowlton & Bennett.....	Concrete vaults.....	20 00
6745	do.	Buffalo Forge Co.....	Glass.....	2 00
6746	do.	Pyrene Mfg. Co.....	Motor.....	45 00
6747	do.	Corbin Cabinet Locks Co.....	Pyrone extinguishers.....	271 88
6748	do.	Automatic Electric Co.....	Locks.....	10 25
6749	do.	Thos. Conron Hardware Co.....	Electrical supplies.....	12 50
6750	do.	H. Mueller Mfg. Co.....	Machinery.....	26 75
6751	do.	Otis Elevator Co.....	General supplies.....	34 70
6752	do.	The E. G. Hill Co.....	Oil.....	1 20
6753	do.	Illinois Electric Mfg. Co.....	Nursery stock.....	26 75
6754	do.	W. Lewis & Co.....	Electrical supplies.....	67 75
6755	do.	American Steel & Wire Co.....	General supplies.....	4 57
6756	do.	W. D. Allen Mfg. Co.....	do.....	93 40
6757	do.	Schermerhorn Bros. Co.....	do.....	5 02
6758	do.	Boylston Steam Specialty Co.....	do.....	88 89
6759	do.	E. V. Kirby Auto Co.....	Regulating valve.....	44 55
6760	do.	E. R. Roydon.....	General supplies.....	1 10
6761	do.	Lloyd B. Dickey.....	Labor.....	20 00
6762	do.	Frank Blair Hanson.....	Salary, April.....	34 00
6763	do.	Edgar Blair.....	do.....	28 50
6764	do.	Otto Harwood.....	do.....	1 00
6765	do.	E. E. Randall.....	do.....	1 00
6766	do.	Robert Schroeder.....	do.....	1 20
6767	do.	J. E. Wilkins.....	do.....	1 60
6768	do.	William Mitchel.....	do.....	1 50
6769	do.	Jas. Casad.....	do.....	1 40
6770	do.	Frank Clancy.....	do.....	120 00
6771	do.	J. D. Craig.....	do.....	113 34
6772	do.	C. M. Davis.....	do.....	86 40
6773	do.	A. Glawe.....	do.....	75 60
6774	do.	Chas. Gundlock.....	do.....	86 60
6775	do.	Otto Kreigl.....	do.....	46 40
6776	do.	W. J. Danghoff.....	do.....	22 40
6777	do.	J. H. Miller.....	do.....	31 50
6778	do.	Martin Sandwell.....	do.....	112 50
6779	do.	A. C. Speedie.....	do.....	88 00
6780	do.	Wesley Wilson.....	do.....	86 40
6781	do.	C. J. Welch.....	do.....	83 20
6782	do.	Frank Wiltz.....	do.....	140 00
6783	do.	Frank Stuart.....	do.....	85 00
6784	do.	F. M. VanNatter.....	do.....	15 00
6785	do.	A. C. Vogel.....	do.....	8 00
6786	do.	Ray F. Wolfe.....	do.....	3 20
6787	do.	Wilbur Youngman.....	do.....	15 60
6788	do.	H. P. Buck.....	do.....	7 00
6789	do.	Elmore Ernst.....	do.....	21 13
6790	do.	Morris Munson.....	do.....	66 85
6791	do.	E. A. Sandler.....	do.....	62 50
			do.....	35 00

## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
6792	May 3 1916	I. N. Hultman.	Salary, April.	\$ 5 50
6793	do.	H. Greenhill.	do.	21 50
6794	do.	Wm. Stahr.	do.	12 25
6795	do.	Geo. Courtney.	do.	28 00
6796	do.	E. F. Deapel.	do.	2 50
6797	do.	W. W. Furath.	do.	8 00
6798	do.	Alva Gleason.	do.	13 20
6799	do.	Ernst Kuechler.	do.	9 20
6800	do.	G. Lampert.	do.	22 80
6801	do.	Wm. Lathrop.	do.	22 40
6802	do.	Walter Means.	do.	1 00
6803	do.	A. H. Moore.	do.	15 80
6804	do.	R. F. Poprove.	do.	21 70
6805	do.	Perry Rogers.	do.	10 80
6806	do.	A. C. Schneider.	do.	22 40
6807	do.	Earl Severson.	do.	12 40
6808	do.	E. F. Shelley.	do.	13 80
6809	do.	H. L. Slack.	do.	23 40
6810	do.	W. W. Stockton.	do.	23 40
6811	do.	Russell Castle.	do.	36 81
6812	do.	L. D. Bunting.	do.	29 25
6813	do.	Miriam Pasold.	do.	8 25
6814	do.	Mary A. Nichols.	do.	6 25
6815	do.	Mildred Johnson.	do.	1 50
6816	do.	Leeson N. Cook.	do.	8 40
6817	do.	E. Amnasslades.	do.	14 45
6818	do.	George Allen.	do.	7 80
6819	do.	Frances Klank.	do.	7 40
6820	do.	H. F. Grelson.	do.	12 80
6821	do.	L. J. Ludwig.	do.	17 10
6822	do.	L. G. McAfee.	do.	9 00
6823	do.	G. E. Angus.	do.	1 80
6824	do.	A. L. Beach.	do.	3 00
6825	do.	Harold Boyle.	do.	13 50
6826	do.	H. H. Brooks.	do.	2 05
6827	do.	Grace Geyer.	do.	9 05
6828	do.	C. Mabel Smith.	do.	4 80
6829	do.	C. A. Drake.	do.	20 10
6830	do.	L. J. Hentrich.	do.	9 00
6831	do.	R. W. Scheeler.	do.	12 40
6832	do.	G. A. Drake.	do.	10 20
6833	do.	Eula Hultson.	do.	7 35
6834	do.	Edna Hedrick.	do.	4 00
6835	do.	Karna Towner.	do.	7 80
6836	do.	Wm. K. Jamison.	do.	8 20
6837	do.	L. W. Kemp.	do.	4 00
6838	do.	A. P. H. Paul.	do.	8 20
6839	do.	D. F. Florman.	do.	4 95
6840	do.	Helen D. Story.	do.	9 40
6841	do.	Helen W. Light.	do.	10 15
6842	do.	Charles Paulk.	do.	13 98
6843	do.	C. K. Paulk.	do.	15 75
6844	do.	P. K. Paulk.	do.	4 55
6845	do.	F. A. Tracy.	do.	3 40
6846	do.	H. A. Wells.	do.	15 80
6847	do.	T. G. Armstrong.	do.	21 20
6848	do.	C. C. Howard.	do.	16 00
6849	do.	Leaher Pflieger.	do.	80 50
6850	do.	W. Yule E. Honey.	do.	1 10
6851	do.	J. H. Nace.	do.	12 80
6852	do.	Joseph Bue Lindholm.	do.	10 40
6853	do.	Frederick Meyer.	do.	24 60
6854	do.	Martha A. Nichols.	do.	20 00
6855	do.	A. M. Rowe.	do.	7 20
6856	do.	C. F. Draper.	do.	18 60
6857	do.	J. C. Larson.	do.	20 00
6858	do.	O. D. Arnold.	do.	23 30
6859	do.	R. Beatty.	do.	8 60
6860	do.	C. F. Guthrie.	do.	19 70
6861	do.	C. P. Lathrop.	do.	22 00
6862	do.	C. H. Lawrence.	do.	7 80
6863	do.	D. C. McCaskill.	do.	18 20
6864	do.	R. E. Speery.	do.	8 00
6865	do.	Kath C. Howells.	do.	9 20

## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
6870	May 3 1916	L. F. Tillotson.	Salary April.	\$ 70 25
6871	do.	Geo. Toy.	do	64 40
6872	do.	Geo. Turner.	do	63 25
6873	do.	O. J. Utterback.	do	62 68
6874	do.	J. H. Vandeventer.	do	89 20
6875	do.	A. Warbler.	do	70 35
6876	do.	W. E. Watts.	do	68 25
6877	do.	Edwin Wells.	do	67 00
6878	do.	Ed. Wharmby.	do	66 93
6879	do.	J. L. White.	do	64 18
6880	do.	Wm. Wilde.	do	67 20
6881	do.	Otto Wrsht.	do	45 80
6882	do.	Amos Wright.	do	50 20
6883	do.	J. J. Yeaw.	do	86 80
6884	do.	Ed Richards.	do	47 30
6885	do.	W. C. Robertson.	do	100 80
6886	do.	Mary Ryan.	do	49 00
6887	do.	Frank Kuark.	do	27 20
6888	do.	Frank Sanders.	do	27 20
6889	do.	A. Servis.	do	56 59
6890	do.	E. L. Shields.	do	72 45
6891	do.	Lloyd Stinok.	do	52 50
6892	do.	J. C. Stuler.	do	62 71
6893	do.	Frank Staelel.	do	51 45
6894	do.	L. M. Stearis.	do	73 60
6895	do.	Elmer Stratton.	do	68 16
6896	do.	Gus Strum.	do	81 00
6897	do.	Harry Sweatengen.	do	44 32
6898	do.	H. O. Sweatengen.	do	40 28
6899	do.	Wm. Tempin.	do	86 40
6900	do.	H. L. Thompson.	do	83 08
6901	do.	A. J. McAlister.	do	59 32
6902	do.	Jas McCallough.	do	79 82
6903	do.	Frances McClungten.	do	42 50
6904	do.	V. J. McDaniel.	do	41 80
6905	do.	Carl Nebock.	do	59 10
6906	do.	I. M. Norton.	do	85 45
6907	do.	C. M. O'Hara.	do	60 26
6908	do.	R. M. Paleyman.	do	59 34
6909	do.	F. H. Parf.	do	59 85
6910	do.	G. S. Parrell.	do	59 50
6911	do.	Nick Peterson.	do	63 48
6912	do.	W. C. Prevette.	do	51 23
6913	do.	I. F. Purkins.	do	54 36
6914	do.	W. M. Quinn.	do	56 84
6915	do.	Chas. Redman.	do	55 44
6916	do.	E. W. Justus.	do	58 46
6917	do.	Timothy Kenney.	do	108 00
6918	do.	I. A. J. Klen.	do	47 00
6919	do.	A. Lanchoff.	do	69 30
6920	do.	Fred Langhoff.	do	78 65
6921	do.	A. C. Lithon.	do	60 72
6922	do.	I. F. Long.	do	63 80
6923	do.	Ray Long.	do	82 80
6924	do.	H. H. McMorney.	do	65 50
6925	do.	S. Messel.	do	66 47
6926	do.	O. E. Meenach.	do	60 52
6927	do.	Dan Meenley.	do	63 71
6928	do.	C. M. Miller.	do	59 34
6929	do.	P. O. Moore.	do	55 66
6930	do.	Rebecca Morgan.	do	63 38
6931	do.	V. S. Glenn.	do	49 00
6932	do.	Jesse Meyers.	do	42 50
6933	do.	C. Y. Freeman.	do	49 00
6934	do.	W. H. Graybeal.	do	60 94
6935	do.	Samuel Hamlin.	do	59 18
6936	do.	Seil Hamlin.	do	55 02
6937	do.	L. T. Heinz.	do	75 62
6938	do.	Harry Higgins.	do	45 98
6939	do.	Chas Hill.	do	92 40
6940	do.	W. G. Hixon.	do	94 50
6941	do.	F. F. Hoover.	do	49 00
6942	do.	Ross Hutton.	do	57 64
6943	do.	F. M. Irvine.	do	62 10
6944	do.	Jas Irvine.	do	72 87
6945	do.		do	55 65

## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1916			
6948	May 3	A. L. Johnson	Salary, April	\$ 55 65
6949	do.	C. C. Johnson	do	58 80
6950	do.	E. Johns	do	60 06
6951	do.	Margaret Jones	do	41 14
6952	do.	B. F. Crackel	do	35 64
6953	do.	F. Crathorne	do	79 95
6954	do.	F. E. Crump	do	66 99
6955	do.	Jos. Davis	do	69 30
6956	do.	C. A. Dunseth	do	90 00
6957	do.	B. F. English	do	65 09
6958	do.	Grover Edwards	do	52 50
6959	do.	Thos J. Fay	do	93 00
6960	do.	M. Feigner	do	51 00
6961	do.	Fred Fender	do	80 40
6962	do.	Louis Fender	do	68 30
6963	do.	J. C. Fiscus	do	84 80
6964	do.	J. J. Fiscus	do	57 73
6965	do.	Frank Fogarty	do	51 45
6966	do.	Wm. Fogarty	do	51 50
6967	do.	Guy Fox	do	72 10
6968	do.	F. T. Franklin	do	58 30
6969	do.	W. M. Atwell	do	67 85
6970	do.	J. E. Bailey	do	64 02
6971	do.	V. R. Barnes	do	90 00
6972	do.	John Begley	do	51 52
6973	do.	A. J. Booker	do	84 80
6974	do.	M. C. Booher	do	90 00
6975	do.	Geo. Boyer	do	59 43
6976	do.	John Brannigan	do	68 60
6977	do.	J. E. Browning	do	57 42
6978	do.	Harry Brown	do	58 08
6979	do.	D. M. Bullock	do	70 32
6980	do.	Thos. Butler	do	66 70
6982	do.	John Ceduskey	do	63 72
6983	do.	J. W. Cheaver	do	79 20
6984	do.	Bert Clark	do	51 00
6985	do.	John C. Clark	do	60 75
6986	May 4	M. E. Thompson, Cashier	Rebates	79 42
6987	do.	M. E. Thompson, Cashier	Labor	22 50
6988	do.	M. E. Thompson, Cashier	do	543 30
6989	do.	M. E. Thompson, Cashier	do	308 07
6990	May 6	M. E. Thompson, Cashier	Express	75 20
6991	do.	M. E. Thompson, Cashier	Labor bills	622 44
6992	do.	M. E. Thompson, Cashier	Rebates	138 25
6993	do.	M. E. Thompson, Cashier	Dairy bills	281 48
6994	May 8	J. D. White	Postal cards	300 00
6995	do.	Cornelia Brothers	Wages, May, 1916	57 30
6996	do.	Harold Hungerford	Wages, April, 1916	12 20
6997	do.	Paul Arndt	do	8 80
6998	do.	R. M. Strickland	do	8 40
6999	do.	S. R. Parah	do	25 40
7000	do.	Miriam Tyler	do	14 25
7001	do.	Standard Oil Co.	General supplies	12 95
7002	do.	Arthur K. Schifflin	Wages, March and April	10 40
7003	do.	Urbana & Champaign Ry., Gas & Electric Co.	Rentals	28 00
7004	do.	J. A. Detlefsen	Traveling expenses	3 39
7005	do.	W. J. Carmichael	do	5 55
7006	do.	Drop-A-Line Indicator Co.	General supplies	19 50
7007	do.	Keuffel & Esser Co.	Office supplies	5 25
7008	do.	The Schapirograph Co.	do	9 06
7009	do.	Underwood Typewriter Co.	do	7 20
7010	do.	D. H. Lloyde	do	70 93
7011	do.	The Burr Co.	General supplies	244 00
7012	do.	Pittsburgh Plate Glass Co.	do	35 10
7013	do.	The Weis Manufacturing Co.	Office supplies	42 45
7014	do.	Keystone Type Foundry	do	21 30
7015	do.	Multicolor Sales Co.	do	5 92
7016	do.	United States Blue Print Paper Co.	do	33 69
7017	do.	A. C. McClurg & Co.	do	21 27
7018	do.	R. C. Wagner & Son	General labor	149 00
7019	do.	E. Bartholomew	Library	15 15
7020	do.	W. S. Bayley	General supplies	3 75
7021	do.	W. B. Day	Laboratory supplies	188 48
7022	May 12	L. R. Lang	Working fund for dairy products	500 00
7023	do.	E. B. Smith	Refund	25 00
7024	do.	Prof. Moritz J. Bonn	Lectures and recitals	250 00
7025	do.	Pres. Edmund J. James	Salary, April	1,000 00

## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1916			
7025	May 12	Wabash R. R.	Freight.	\$ 6 93
7026	..do..	The Big Four.	..do..	154 43
7027	..do..	Wabash Ry. Co.	..do..	47 26
7028	..do..	The Big Four.	..do..	6 67
7029	..do..	Illinois Central Ry. Co.	..do..	18 05
7030	..do..	Illinois Traction System.	..do..	2 10
7031	..do..	M. E. Thompson, Cashier.	Creamery bills.	170 32
7032	..do..	M. E. Thompson, Cashier.	..do..	55 44
7033	..do..	M. E. Thompson, Cashier.	..do..	92 01
7034	..do..	M. E. Thompson, Cashier.	Labor bills.	556 14
7035	..do..	M. E. Thompson, Cashier.	Creamery bills.	157 15
7036	..do..	Ernst Hertzberg & Sons.	Library.	7 61
7037	..do..	The Burr Co.	General supplies.	7 05
7038	..do..	Joseph W. Wurtzburg.	Tuition refund.	35 00
7039	..do..	The Sneed & Co. Iron Works.	General supplies.	344 00
7040	..do..	E. A. Wilcox Mfg. Co.	Gaskets.	1 88
7041	..do..	Federal Sign System (Electric).	General supplies.	3 90
7042	..do..	H. Mueller Mfg. Co.	..do..	40 25
7043	..do..	Freeman & Son.	..do..	3 26
7044	..do..	Library Bureau.	..do..	68 98
7045	..do..	Ernst Hertzberg & Sons.	Library.	1 06
7046	..do..	Twin City Roofing Co.	Iron.	4 40
7047	..do..	Merchants Transfer & Storage Co.	Freight.	1 50
7048	..do..	Geo. H. Morrill Co.	General supplies.	2 07
7049	..do..	Barnhart Bros. & Spindler.	..do..	2 37
7050	..do..	Wadsworth-Howland Co.	..do..	14 40
7051	..do..	Standard Oil Co.	Gasoline.	12 95
7052	..do..	Crane Co.	General supplies.	45 94
7053	..do..	Eisner Grocery Co.	Flour.	1 73
7054	..do..	B. E. Spalding.	Soapstone.	1 00
7055	..do..	American Hardware Corporation Russell & Erwin Mfg. Co. Div.	General supplies.	177 96
7056	..do..	The Inner Braced Furnace Co.	Furnace.	189 00
7057	..do..	The Bay State Nurseries.	General supplies.	274 00
7058	..do..	Reliable Plumbing & Heating Co.	..do..	27 41
7059	..do..	Hunter Bourke & Co.	..do..	1 00
7060	..do..	Weimer & Schweinsberg.	..do..	4 30
7061	..do..	Jacob White.	Plastering.	15 00
7062	..do..	American Steam Gauge & Valve Mfg. Co.	General supplies.	7 21
7063	..do..	Wesco Supply Co.	..do..	5 67
7064	..do..	W. Lewis & Co.	Carpets.	3 00
7065	..do..	A. Lange, Florist.	Wreath.	10 00
7066	..do..	J. W. Butler Paper Co.	General supplies.	66 53
7067	..do..	Mr. W. H. Browne, Secretary.	Labor bills.	91 23
7068	..do..	Henry Stuckart, County Collector.	Assessment warrant.	18 11
7069	..do..	The Big Four.	Freight.	50 70
7070	..do..	Mr. Chas. F. Renich.	Incidentals.	10 00
7071	..do..	Mr. C. R. Denson.	..do..	5 00
7072	..do..	Wabash Ry. Co.	Freight.	1 95
7073	..do..	The Big Four.	..do..	5 33
7074	..do..	Secretary of State Auto Dept.	Auto license.	1 00
7075	May 15	Urbana & Champaign Ry., Gas & Electric Co.	Car tickets.	40 00
7076	..do..	First National Bank, Champaign.	Creamery credit.	146 25
7077	..do..	William Harris.	Student help.	9 40
7078	..do..	Guy B. Reno.	..do..	10 00
7079	..do..	Walter T. Day.	..do..	9 00
7080	..do..	T. Sherman Morgan.	..do..	5 80
7081	..do..	Ralph Kenshalo.	..do..	9 80
7082	..do..	Ernest Poole.	..do..	2 20
7083	..do..	L. B. Harper.	..do..	6 50
7084	..do..	Elliott Billman.	..do..	25 50
7085	..do..	Big Four Ry. Co.	Freight.	10 41
7086	..do..	Illinois Traction.	..do..	12 31
7087	..do..	M. E. Thompson, Cashier.	Miscellaneous bills.	58 22
7088	..do..	M. E. Thompson, Cashier.	..do..	28 00
7089	..do..	M. E. Thompson, Cashier.	..do..	6 00
7090	..do..	M. E. Thompson, Cashier.	..do..	4 15
7091	..do..	First National Bank, Champaign.	Credit of University creamery account.	104 70
7092	..do..	First National Bank, Champaign.	..do..	108 31
7093	May 16	Chas. A. Hall Hardware Co.	General supplies.	3 47
7094	..do..	Graham Paper Co.	..do..	45 04
7095	..do..	John B. Bennett.	..do..	1 73
7096	..do..	John H. Doyle.	..do..	2 20
7097	..do..	Alexander Lumber Co.	..do..	60 20
7098	..do..	Garlock Packing Co.	Packing.	34 67
7099	..do..	Geo. B. Carpenter & Co.	Oilers.	8 31

## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1916			
7100	May 16	Taylor Hardware Co.	General supplies	\$ 45
7101	do.	Standard Oil Co.	do.	13 88
7102	do.	The Swartz Electric Shop	do.	150 53
7103	do.	F. K. Robeson	Sundries	34 63
7104	do.	The Precision Machine Co., Inc.	Machine and tools	3 86
7105	do.	C. A. Kiler	General supplies	7 00
7106	do.	Herrick Auto Supply	do.	4 75
7107	do.	H. W. Johns-Manville Co.	Lamps	16 20
7108	do.	The Carson Payson Co.	General supplies	48 40
7109	do.	General Electric Co.	do.	1 38
7110	do.	Twin City Roofing Co.	Plumbing	129 35
7111	do.	National Regulator Co.	General supplies	9 00
7112	do.	H. N. Bruns	do.	18 00
7113	do.	Western Electric Co., Inc.	Machine repairs	5 04
7114	do.	Corbin Cabinet Lock Co.	Keys	1 93
7115	do.	Keystone Type Foundry	General supplies	9 27
7116	May 17	H. R. Richardson	General labor	25 35
7117	do.	D. G. Evans	do.	27 50
7118	do.	H. T. Gallaher	do.	13 00
7119	do.	Big Four Ry. Co.	Freight	5 00
7120	do.	M. E. Thompson, Cashier	Labor	578 67
7121	do.	Illinois Electric Co.	General supplies	24 16
7122	do.	Great Lakes Refining Co.	do.	13 65
7123	do.	The Whitaker Paper Co.	do.	75 95
7124	do.	Green Eng. Co.	General supplies	44 23
7125	do.	Freeman & Brooks	Sundries	262 85
7126	do.	Corbin Cabinet Lock Co.	Keys	12 11
7127	do.	Hunter Rourke & Co.	General supplies	116 40
7128	do.	General Electric Co.	do.	10 90
7129	do.	John B. Bennett	Building repairs	14 82
7130	do.	Alexander Lumber Co.	Lumber	35 25
7131	do.	Geo. Murphy, Inc.	Laboratory supplies	24 24
7132	do.	W. F. Hardy	General supplies	9 00
7133	do.	The Carson-Payson Co.	Piping	56 00
7134	do.	W. B. Day, Actuary	General supplies	69 75
7135	do.	Geo. B. Carpenter & Co.	do.	7 77
7136	do.	C. A. Kiler	do.	270 02
7137	do.	Swartz Electric Co.	Lamps	240 57
7138	do.	The Burr Co.	General supplies	28 69
7139	do.	Taylor Hardware Co.	do.	8 95
7140	do.	Standard Oil Co.	Gasoline	44 40
7141	do.	Keystone Type Foundry	General supplies	14 05
7142	May 18	Secretary of State	Sundries	3 00
7143	do.	The Burr Co.	Building repairs	91 26
7144	do.	Reliable Plumbing & Heating	Sundries	65
7145	do.	Weimer & Schweinsberg	General supplies	4 10
7146	do.	Leavitt Mfg. Co.	do.	1 89
7147	do.	Butler Brothers	do.	16 97
7148	do.	S. E. Huff & Co.	do.	141 00
7149	do.	First National Bank	do.	168 72
7150	do.	M. E. Thompson, Cashier	Labor	26 57
7151	do.	M. E. Thompson, Cashier	do.	3 95
7152	do.	M. E. Thompson, Cashier	do.	44 54
7153	do.	M. E. Thompson, Cashier	do.	42 27
7154	do.	M. E. Thompson, Cashier	do.	57 20
7155	do.	H. S. Capron, Treasurer	Miscellaneous	101 02
7156	do.	H. S. Capron, Treasurer	do.	113 10
7157	do.	Clifford Bauer	Salary	45 00
7158	do.	Elizabeth Muhleman	do.	50 00
7159	do.	L. E. Sawyer	do.	60 00
7160	do.	W. H. Boyer	do.	110 00
7161	do.	C. H. Havens	do.	133 33
7162	do.	M. Murphy	do.	110 00
7163	do.	T. J. Showers	do.	133 33
7164	do.	W. J. Smith	do.	120 00
7165	do.	F. H. Rankin	do.	291 66
7166	do.	A. W. Nolan	do.	200 00
7167	do.	A. W. Jamison	do.	208 33
7168	do.	J. H. Checkley	do.	116 66
7169	do.	C. G. Hopkins	do.	458 33
7170	do.	J. G. Mosier	do.	333 33
7171	do.	E. T. Ebersol	do.	100 00
7172	do.	E. H. Walworth	do.	100 00
7173	do.	I. E. Dickerson	do.	150 00
7174	do.	K. J. T. Ekblaw	do.	150 00
7175	do.	M. E. Jahr	do.	133 33
7176	do.	C. R. Newell	do.	116 66
7177	do.	C. O. Reed	do.	133 33

## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
7178	May 18 1916	F. C. Baier	Salary	\$175 00
7179	do.	F. A. Fisher	do	133 33
7180	do.	A. F. Gustafson	do	200 00
7181	do.	A. L. Whiting	do	175 00
7182	do.	W. R. Schonover	do	100 00
7183	do.	Glande Harper	do	83 33
7184	do.	J. W. Wisenand	do	100 00
7185	do.	Elmer Roberts	do	83 33
7186	do.	A. H. Harding	do	83 33
7187	do.	W. J. Fraser	do	416 66
7188	do.	N. W. Hepburn	do	145 83
7189	do.	LeRoy Lang	do	208 33
7190	do.	W. T. Crandall	do	200 00
7191	do.	F. W. Allen	do	150 00
7192	do.	E. B. Dornier	do	88 33
7193	do.	J. C. Blair	do	75 00
7194	do.	J. W. Lloyd	do	416 66
7195	do.	C. M. Robinson	do	37 88
7196	do.	Isabel Beyer	do	150 00
7197	do.	Ruth Wheeler	do	291 66
7198	do.	Cora E. Gray	do	166 66
7199	do.	Louise Seynour	do	123 00
7200	do.	Florence Harrison	do	166 66
7201	do.	Gaude Parsons	do	123 00
7202	do.	Georgia Fleming	do	144 66
7203	do.	Greta Gray	do	100 00
7204	do.	Margaret Stanton	do	108 33
7205	do.	Grace E. Stevens	do	116 66
7206	do.	Anna Williams	do	116 66
7207	do.	Leona Hope	do	100 00
7208	do.	Gilbert Gosier	do	123 00
7209	do.	W. A. Morkel	do	180 00
7210	do.	W. G. Corley	do	25 00
7211	do.	W. J. Carmichael	do	291 66
7212	do.	V. W. Munford	do	141 66
7213	do.	J. B. Klee	do	416 66
7214	do.	J. C. Kammade	do	75 00
7215	do.	J. A. Deblisen	do	41 66
7216	do.	J. L. Delmonds	do	225 00
7217	do.	H. E. Hieronymus	do	258 33
7218	do.	H. B. Dornier	do	123 00
7219	do.	H. W. Lloyd	do	175 00
7220	do.	H. R. Root	do	107 35
7221	do.	E. J. Bole	do	233 33
7222	do.	E. J. Gardner	do	180 00
7223	do.	F. N. Evans	do	166 66
7224	do.	F. L. Penning	do	150 00
7225	do.	W. S. Brock	do	83 33
7226	do.	Julia Harty	do	83 33
7227	do.	Bessie Packard	do	83 33
7228	do.	Bessie Ash	do	75 00
7229	do.	C. R. Clark	do	208 33
7230	do.	J. H. Provine	do	193 32
7231	do.	N. C. Ricker	do	201 66
7232	do.	W. C. Trumb	do	291 66
7233	do.	N. A. Wells	do	175 00
7234	do.	N. O. Baker	do	208 33
7235	do.	N. B. Baker	do	333 33
7236	do.	N. B. McDaniel	do	141 66
7237	do.	J. E. Smith	do	229 16
7238	do.	W. M. Wilson	do	208 33
7239	do.	C. A. Ellis	do	208 33
7240	do.	P. S. Baehler	do	350 00
7241	do.	Morgan Brooks	do	183 33
7242	do.	T. W. Fisk	do	250 00
7243	do.	T. V. James	do	150 00
7244	do.	E. B. Patne	do	150 00
7245	do.	E. H. Waldo	do	291 66
7246	do.	J. A. Dent	do	166 66
7247	do.	G. A. Gendrough	do	291 66
7248	do.	O. A. Leontyler	do	250 00
7249	do.	C. R. Richards	do	458 33
7250	do.	A. C. Willard	do	458 33
7251	do.	M. I. Enner	do	225 00
7252	do.	V. R. Fleming	do	208 33
7253	do.	A. N. Talbot	do	150 00
7254	do.	F. B. Seeloy	do	416 66
7255	do.		do	166 66

## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1916			
7256	May 18	G. P. Boomslicer	Salary	\$ 150 00
7257	..do..	N. E. Ensign	..do..	141 66
7258	..do..	A. P. Carman	..do..	416 66
7259	..do..	C. T. Knipp	..do..	250 00
7260	..do..	Jacob Kunz	..do..	229 16
7261	..do..	W. F. Schulz	..do..	183 33
7262	..do..	E. H. Williams	..do..	150 00
7263	..do..	F. R. Watson	..do..	250 00
7264	..do..	A. M. Buck	..do..	166 66
7265	..do..	A. F. Comstock	..do..	166 66
7266	..do..	E. C. Schmidt	..do..	375 00
7267	..do..	J. M. Snodgrass	..do..	208 33
7268	..do..	C. F. Hottes	..do..	250 00
7269	..do..	F. L. Stevens	..do..	333 33
7270	..do..	Wm. Trelease	..do..	416 66
7271	..do..	C. W. Balke	..do..	270 83
7272	..do..	C. G. Derriek	..do..	191 66
7273	..do..	S. W. Parr	..do..	166 66
7274	..do..	G. M. Smith	..do..	166 66
7275	..do..	E. W. Washburn	..do..	291 66
7276	..do..	H. C. P. Weber	..do..	166 66
7277	..do..	G. D. Beal	..do..	133 33
7278	..do..	B. S. Hopkins	..do..	133 33
7279	..do..	D. A. MacInnes	..do..	133 33
7280	..do..	J. W. Folsom	..do..	208 33
7281	..do..	A. D. MacGillivray	..do..	250 00
7282	..do..	W. S. Bayley	..do..	250 00
7283	..do..	C. W. Rolfe	..do..	250 00
7284	..do..	T. E. Savage	..do..	21 02
7285	May 20	First National Bank, Champaign	For credit of creamery account	184 71
7286	..do..	Illinois Tree Expert Co.	Work on trees	149 18
7287	..do..	Wadsworth-Howland Co.	General supplies	16 35
7288	..do..	F. K. Robeson	..do..	25 00
7289	..do..	Western Valve Co.	..do..	18 00
7290	..do..	Central Electric Co.	..do..	48 75
7291	..do..	Weil Bros	..do..	5 55
7292	..do..	G. Gennert	..do..	26 81
7293	..do..	Swartz Electric Co.	..do..	56 36
7294	..do..	Western Gas Fixture Co.	..do..	4 25
7295	..do..	Kaestner & Hecht Co.	..do..	32 40
7296	..do..	Preston Kavanagh	Traveling expenses	8 09
7297	..do..	W. Lewis & Co.	General supplies	3 04
7298	..do..	Sweet Wallach & Co.	..do..	8 84
7299	..do..	First National Bank, Champaign	For credit of creamery account	132 00
7300	May 23	Edward L. Peeney	Salary, April, 1916	75 00
7301	..do..	Louie Marks	Refund	20 00
7302	..do..	The Burr Co.	General supplies	14 20
7303	..do..	H. W. Johns-Manville	..do..	8 59
7304	..do..	R. C. Wagner & Sons	Teaming	301 75
7305	..do..	W. J. Smith	Heat coils	18 48
7306	..do..	Jacob White	Plastering	5 85
7307	..do..	The American Steam Pump Co.	Marsh pump	77 22
7308	..do..	General Electric Co.	General supplies	22 32
7309	..do..	Allen B. Brown	Incidentals	11 50
7310	..do..	The J. L. Mott Iron Works	General supplies	93 44
7311	..do..	A. C. McClurg & Co.	Baskets	8 27
7312	..do..	M. E. Thompson, Cashier	Labor bills	7 13
7313	..do..	M. E. Thompson, Cashier	..do..	44 37
7314	..do..	M. E. Thompson, Cashier	Miscellaneous bills	27 24
7315	..do..	H. S. Capron, Treasurer	Material furnished from the University storeroom	1,537 05
7316	..do..	J. W. Butler Paper Co.	Office supplies	70 51
7317	..do..	M. E. Thompson, Cashier	Rebates	7 50
7318	..do..	J. D. White	Postage	74 72
7319	..do..	The First National Bank	Illinois creamery credits	133 28
7320	May 26	W. H. Browne	Petty cash fund	200 00
7321	..do..	First National Bank, Champaign	General supplies	201 11
7322	..do..	First National Bank, Champaign	..do..	107 98
7323	..do..	The Burr Co.	..do..	39 57
7324	..do..	Bacon Bros	..do..	3 55
7325	..do..	H. Mueller Mfg. Co.	..do..	3 60
7326	..do..	Jones & Laughlin Steel Co.	..do..	4 90
7327	..do..	Fisher Governor Co.	..do..	4 65
7328	..do..	Jacob White	..do..	69 00
7329	..do..	Narragansett Machine Co.	..do..	34 00
7330	..do..	Otis Elevator Co.	..do..	4 52
7331	..do..	R. C. Wagner & Sons	..do..	98 00



## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1916			
7332	May 26	Gen. Filtration Co.	General supplies.	\$ 28 85
7333	do.	John B. Bennett.	do.	8 65
7334	do.	W. Lewis & Co.	do.	4 10
7335	do.	S. E. Huff & Co.	do.	139 60
7336	do.	Walker & Mulliken.	do.	19 80
7337	do.	American Can Co.	do.	6 19
7338	do.	Central Electric Co.	do.	101 00
7339	do.	Butler Brothers.	do.	22 90
7340	do.	F. K. Robeson.	do.	2 40
7341	do.	Pittsburgh Plate Glass Co.	do.	5 70
7342	do.	Felix Fox.	do.	1 50
7343	do.	Harry Herrick.	do.	46 77
7344	do.	Freeman & Son.	do.	2 60
7345	do.	Alexander Lumber Co.	do.	18 95
7346	do.	Luttwieler Pumping Engine Co.	do.	44 55
7347	do.	The Rubberset Co.	do.	5 94
7348	do.	Jenkins Bros.	do.	13 44
7349	do.	Freeman & Son.	do.	2 70
7350	do.	Loudan & Flanigan.	do.	10 00
7351	do.	J. W. Butler Paper Co.	do.	34 14
7352	do.	Alfred Field & Co.	do.	2 35
7353	do.	Walker & Mulliken.	do.	3 00
7354	do.	Sanford Mfg. Co.	do.	1 75
7355	do.	Globe Wernicke Co.	do.	13 74
7356	do.	Architect Book Publishing Co.	Books.	13 60
7357	do.	G. E. Stechert & Co.	do.	2 40
7358	do.	Ernst Hertzberg & Sons.	do.	5 67
7359	do.	W. W. H. Browne.	Miscellaneous.	104 75
7360	do.	Hillis Music Co.	Books.	1 03
7361	do.	Charles J. Davis.	Express service.	40 80
7362	do.	F. M. Leslie.	General supplies.	7 00
7363	do.	A. C. McClurg & Co.	do.	21 43
7364	do.	M. E. Thompson, Cashier.	Miscellaneous.	42 50
7365	do.	M. E. Thompson, Cashier.	do.	25 64
7366	do.	M. E. Thompson, Cashier.	do.	452 44
7367	do.	Taylor Hardware Co.	General supplies.	8 83
7368	do.	Twin City Roofing Co.	do.	70 13
7369	do.	Standard Oil Co.	do.	25 79
7370	May 29	Winona C. Hyland.	Wages.	70 00
7371	do.	Illinois Central R. R. Co.	Freight.	44 93
7372	do.	Wabash Ry., Champaign.	do.	2 11
7373	do.	Wabash Ry., Urbana.	do.	159 22
7374	do.	Illinois Traction System, Urbana.	do.	131 15
7375	do.	Illinois Traction System, Champaign.	do.	1 45
7376	do.	Big Four Ry. Co., Urbana.	do.	124 22
7377	do.	Bacon Bros.	General supplies.	1 25
7378	do.	The Adder Machine Co.	Office equipment.	1 00
7379	do.	Standard Oil Co.	General supplies.	39 35
7380	do.	Central Electric Co.	do.	122 08
7381	do.	West Disinfecting Co.	do.	62 80
7382	do.	Geo. B. Carpenter & Co.	do.	4 91
7383	do.	Taylor Hardware Co.	do.	10 50
7384	do.	Hoosier Mfg. Co.	do.	64 68
7385	do.	Crane Co.	do.	47 69
7386	do.	American LaFrance Fire Engine Co.	do.	30 00
7387	do.	National Carbon Co.	do.	58 80
7388	do.	Manning Sand Paper Co.	do.	17 55
7389	do.	Eisner Grocery Co.	do.	170 01
7390	do.	The American Guernsey Cattle Club.	Sundries.	1 00
7391	do.	Buhl Stamping Co.	Laboratory supplies.	9 00
7392	do.	Herrick Auto Supply.	Machine repairs.	2 60
7393	do.	White Line.	Sundries.	4 49
7394	do.	A. O. Magnuson.	Salary.	90 00
7395	do.	Kelsey B. Gardner.	do.	80 00
7396	do.	Central Electric Co.	General supplies.	4 23
7397	do.	St. Louis Screw Co.	do.	16 07
7398	do.	The Caldwell Co.	do.	138 80
7399	do.	D. H. Lloyd.	do.	440 84
7400	do.	F. C. Braeutigam.	Refunds.	20 00
7401	do.	J. H. McDonough.	do.	20 00
7402	do.	First National Bank.	General supplies.	168 89
7403	do.	First National Bank.	do.	133 15
7404	do.	Manchester Chamber of Commerce.	Subscription.	1 35
7405	do.	The Wabash R. R. Co., Urbana.	Freight.	1 55
7406	do.	The Big Four Ry., Urbana.	do.	2 25
7407	do.	A. C. McClurg & Co.	General supplies.	2 89
7408	do.	W. Lewis & Co.	do.	2 90
7409	do.	G. E. Stechert & Co.	do.	1 57

## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
1916				
7410	May 29	Louden and Flaningam.	Printing.	\$ 3 00
7411	do.	J. W. Butler Paper Co.	General supplies.	19 05
7412	do.	The Globe Wernicke Co.	do.	39 69
7413	do.	Dr. Ernest H. Wilkins.	Traveling expenses.	5 04
7414	do.	M. E. Thompson, Cashier.	Miscellaneous.	452 49
7415	do.	Ernst Hertzberg & Sons.	Books.	1 43
7416	do.	AnSCO Co.	Photograph supplies.	25 03
7417	do.	Frederick Post Co.	Blue printing.	54 60
7418	do.	G. Cramer Dry Plate Co.	Photograph supplies.	9 66
7419	do.	D. H. Lloyd.	do.	4 20
7420	do.	Geo. Murphy.	do.	9 60
7421	do.	H. S. Capron, Treasurer.	Material furnished from University storeroom.	141 92
7422	do.	H. S. Capron, Treasurer.	do.	440 27
7423	June 1	Victor E. Shelford.	Traveling expenses.	1 50
7424	do.	Reliable Plumbing & Heating Co.	General supplies.	1 25
7425	do.	Taylor Hardware Co.	do.	16 22
7426	do.	Crane Co.	do.	8 10
7427	do.	Weil Bros.	do.	8 50
7428	do.	The Carborundum Co.	do.	2 41
7429	do.	Danville Brick Co.	Brick.	137 10
7430	do.	Hunter Rourke & Co.	Lumber.	20 45
7431	do.	Champaign & Urbana Water Co.	Piping.	3 20
7432	do.	Twin City Roofing Co.	Metal work.	45 88
7433	do.	Stipes & Hecker.	General supplies.	24 50
7434	do.	Royal A. Stipes.	do.	18 90
7435	do.	The Burr Company.	do.	18 28
7436	do.	G. E. Stechert & Co.	Books.	8 55
7437	do.	Paul Arndt.	Wages.	7 80
7438	do.	S. R. Farah.	do.	24 80
7439	do.	Harold Hungerford.	do.	15 00
7440	do.	R. M. Stickland.	do.	13 20
7441	do.	Miriam Tyler.	do.	8 50
7442	do.	J. H. Armstrong.	Incidentals.	12 68
7443	do.	First National Bank.	General supplies.	143 00
7444	do.	Royal A. Stipes.	do.	197 70
7445	do.	Stipes & Hecker.	Cement.	202 76
7446	do.	Twin City Roofing Co.	Metal work.	209 46
7447	do.	C. M. McConn.	Traveling expense.	28 68
7448	do.	Ernst Hertzberg & Sons.	Books.	93
7449	do.	Don Peebles.	Traveling expense.	5 00
7450	do.	National Steam Specialty Co.	Apparatus repairs.	21 30
7451	do.	Bacon Bros.	General supplies.	1 38
7452	do.	American Steam Gauge & Valve Mfg. Co.	Laboratory supplies.	21 65
7453	do.	Standard Oil Co.	Gasoline.	10 18
7454	do.	J. B. Ford Co.	General supplies.	12 50
7455	do.	Vacuum Oil Co.	Oil.	116 81
7456	do.	Geo. F. Righter.	General supplies.	21 60
7457	do.	A. C. Eycleshymer.	Traveling expense.	16 49
7458	do.	Swedish Chamber of Commerce.	Books.	2 05
7459	do.	Louden and Flaningam.	Printing.	44 25
7460	do.	M. E. Thompson, Cashier.	Miscellaneous.	63 24
7461	do.	M. E. Thompson, Cashier.	do.	31 73
7462	do.	M. E. Thompson, Cashier.	do.	56 27
7463	June 3	First National Bank, Champaign.	Credit of University creamery.	204 96
7464	do.	T. H. Armstrong.	Wages.	13 00
7465	do.	C. G. Howard.	do.	18 60
7466	do.	L. C. Raines.	do.	19 30
7467	do.	L. F. Draper.	do.	25 00
7468	do.	Esther Eppinger.	do.	28 75
7469	do.	J. H. Gage.	do.	14 50
7470	do.	M. G. Barkman.	do.	13 40
7471	do.	Ferdinand Meyer.	do.	21 25
7472	do.	Mary A. Nichols.	do.	7 20
7473	do.	Addie Dubois.	do.	15 60
7474	do.	J. O. Larson.	do.	29 20
7475	do.	O. D. Arnold.	do.	12 00
7476	do.	O. Beatty.	do.	10 40
7477	do.	R. Britt.	do.	20 80
7478	do.	G. F. Griffin.	do.	27 00
7479	do.	C. P. Lathrop.	do.	11 60
7480	do.	C. H. Lawrence.	do.	20 60
7481	do.	D. C. McCaskill.	do.	8 20
7482	do.	R. E. Sperry.	do.	9 20
7483	do.	R. C. Howells.	do.	7 40
7484	do.	Grace Geyer.	do.	7 80
7485	do.	C. A. Drake.	do.	6 20
7486	do.	C. Mabel Smith.	do.	8 45

## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1916			
7487	June 3	L. J. Henrich	Wages	\$ 7 20
7488	..do.	Russell Castle	..do.	36 75
7489	..do.	L. D. Bunting	..do.	38 50
7490	..do.	Miriam Fasold	..do.	5 50
7491	..do.	Erma Houser	..do.	10 50
7492	..do.	Edna Hedrick	..do.	7 20
7493	..do.	Michael Jamison	..do.	6 40
7494	..do.	Henry Kamp	..do.	14 00
7495	..do.	Adolph Pauli	..do.	10 60
7496	..do.	E. P. Hohman	..do.	5 30
7497	..do.	D. F. Fleming	..do.	9 45
7498	..do.	Helen Story	..do.	10 40
7499	..do.	Agnes Wright	..do.	9 15
7500	..do.	George Allen	..do.	11 60
7501	..do.	E. Anastasiades	..do.	11 20
7502	..do.	Frances Klank	..do.	12 10
7503	..do.	C. A. Drake	..do.	10 00
7504	..do.	Ella Tillotson	..do.	13 90
7505	..do.	R. W. Schecter	..do.	18 00
7506	..do.	G. B. Anguss	..do.	3 20
7507	..do.	Harold Boyle	..do.	2 80
7508	..do.	R. H. Brooks	..do.	4 88
7509	June 5	C. C. Foulk	..do.	19 75
7510	..do.	J. K. Frimm	..do.	25 65
7511	..do.	P. H. Tracy	..do.	8 20
7512	..do.	H. A. Wells	..do.	2 40
7513	..do.	H. P. Grelson	..do.	19 70
7514	..do.	L. J. Ludwig	..do.	17 80
7515	..do.	L. McAfee	..do.	8 20
7516	..do.	Frank Leggitt	..do.	33 60
7517	..do.	F. Louret	..do.	32 10
7518	..do.	K. E. Gaisendorfer	..do.	20 70
7519	..do.	W. B. Day, Actuary	Miscellaneous	66 38
7520	..do.	George Courtney	Wages	22 80
7521	..do.	Ernst Kuechler	..do.	9 00
7522	..do.	G. Lambroff	..do.	15 60
7523	..do.	Wm. Lathrop	..do.	25 20
7524	..do.	A. R. Moore	..do.	12 00
7525	..do.	R. P. Poppove	..do.	15 60
7526	..do.	A. C. Schneider	..do.	15 40
7527	..do.	Earl Severson	..do.	4 00
7528	..do.	E. F. Shelley	..do.	1 20
7529	..do.	W. W. Stockton	..do.	22 80
7530	..do.	Frank Stuart	..do.	15 00
7531	..do.	F. M. VanNatter	..do.	9 20
7532	..do.	Wilbur Youngman	..do.	3 20
7533	..do.	Elmore Ernst	..do.	69 30
7534	..do.	H. Greenhill	..do.	15 63
7535	..do.	W. H. Suhr	..do.	17 50
7536	..do.	A. C. Vogeles	..do.	12 00
7537	..do.	A. J. Gideon	..do.	5 40
7538	..do.	H. L. Thompson	..do.	65 56
7539	..do.	I. F. Tillotson	..do.	73 50
7540	..do.	George Toy	..do.	66 70
7541	..do.	George Turner	..do.	73 83
7542	..do.	O. J. Utterback	..do.	63 80
7543	..do.	J. H. Vandiverter	..do.	98 00
7544	..do.	A. Warmbier	..do.	93 33
7545	..do.	Edwin Wells	..do.	64 35
7546	..do.	Ed. Wharmby	..do.	72 45
7547	..do.	Wm. Wilde	..do.	70 72
7548	..do.	Otto Wrest	..do.	51 40
7549	..do.	Amos Wright	..do.	97 20
7550	..do.	J. J. Yeaw	..do.	44 66
7551	..do.	Ed. Richards	..do.	106 96
7552	..do.	W. C. Robertson	..do.	53 40
7553	..do.	Mary Ryan	..do.	45 05
7554	..do.	Fred Roark	..do.	51 40
7555	..do.	Frank Sanders	..do.	60 60
7556	..do.	A. Servis	..do.	82 34
7557	..do.	R. L. Shiels	..do.	58 59
7558	..do.	Lloyde Smock	..do.	60 69
7559	..do.	J. C. Snider	..do.	56 59
7560	..do.	Frank Staleler	..do.	73 83
7561	..do.	L. M. Stearns	..do.	61 95
7562	..do.	Elmer Stratton	..do.	86 00
7563	..do.	Gus Strum	..do.	81 45
7564	..do.	Harry Swearingen	..do.	57 43

## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1916			
7565	June 5	Otto Swearingen	Wages	\$ 63 36
7566	..do.	Wm. Templin	..do.	100 00
7567	..do.	A. J. McAlister	..do.	78 00
7568	..do.	Jas. McCullough	..do.	64 90
7569	..do.	Mrs. F. E. McClaughen	..do.	45 90
7570	..do.	B. F. McDaniel	..do.	54 40
7571	..do.	W. J. McFadden	..do.	57 64
7572	..do.	Carl Neblock	..do.	100 20
7573	..do.	J. R. Newton	..do.	64 56
7574	..do.	C. M. Ollis	..do.	65 12
7575	..do.	R. A. Palfreyman	..do.	60 27
7576	..do.	F. H. Parris	..do.	59 62
7577	..do.	G. S. Parnell	..do.	59 60
7578	..do.	F. M. Perry	..do.	69 00
7579	..do.	Nick Peterson	..do.	53 76
7580	..do.	W. C. Prevetie	..do.	60 20
7581	..do.	J. F. Purkins	..do.	65 12
7582	..do.	Wm. Quinn	..do.	43 05
7583	..do.	Chas. Redman	..do.	93 60
7584	..do.	E. W. Justus	..do.	108 00
7585	..do.	Timothy Kenney	..do.	73 88
7586	..do.	J. A. J. Klien	..do.	73 08
7587	..do.	A. Langhoff	..do.	88 07
7588	..do.	Fred Langhoff	..do.	71 99
7589	..do.	A. C. Litton	..do.	73 26
7590	..do.	J. F. Long	..do.	82 80
7591	..do.	Roy Long	..do.	70 50
7592	..do.	H. H. Mahorney	..do.	70 15
7593	..do.	S. Massel	..do.	62 10
7594	..do.	E. B. Meenach	..do.	69 92
7595	..do.	Dan Meneely	..do.	63 71
7596	..do.	C. M. Miller	..do.	60 06
7597	..do.	D. L. Moody	..do.	70 84
7598	..do.	P. O. Moore	..do.	51 90
7599	..do.	Rebecca Morgan	..do.	44 20
7600	..do.	Jesse Myers	..do.	65 52
7601	..do.	C. Y. Freeman	..do.	65 34
7602	..do.	V. S. Glenn	..do.	64 46
7603	..do.	W. H. Graybeal	..do.	64 26
7604	..do.	Sell Hamlin	..do.	64 90
7605	..do.	Samuel Hanson	..do.	78 92
7606	..do.	L. T. Heinz	..do.	63 14
7607	..do.	Harry Higgins	..do.	94 80
7608	..do.	Chas. Hill	..do.	100 80
7609	..do.	W. G. Hixon	..do.	53 90
7610	..do.	F. F. Hoover	..do.	31 90
7611	..do.	Ross Hutton	..do.	69 46
7612	..do.	F. M. Irvine	..do.	77 40
7613	..do.	Jas. Irvine	..do.	58 27
7614	..do.	A. L. Johnson	..do.	59 01
7615	..do.	C. C. Johnson	..do.	60 90
7616	..do.	E. Johns	..do.	65 34
7617	..do.	Margaret Jones	..do.	43 35
7618	..do.	B. F. Crackel	..do.	60 28
7619	..do.	F. Crathorne	..do.	86 77
7620	..do.	F. E. Crump	..do.	73 92
7621	..do.	Jos. Davis	..do.	71 61
7622	..do.	C. A. Dunseth	..do.	90 00
7623	..do.	B. F. English	..do.	67 85
7624	..do.	Grover Edwards	..do.	57 75
7625	..do.	Thos. J. Fay	..do.	96 10
7626	..do.	M. Felner	..do.	56 60
7627	..do.	Fred Fender	..do.	96 00
7628	..do.	Louis Fender	..do.	65 56
7629	..do.	J. C. Fiscus	..do.	93 60
7630	..do.	J. J. Fiscus	..do.	68 54
7631	..do.	Frank Fogarty	..do.	56 49
7632	..do.	Wm. Fogarty	..do.	55 20
7633	..do.	Guy Fox	..do.	87 63
7634	..do.	F. T. Franklin	..do.	61 60
7635	..do.	W. M. Atwell	..do.	70 15
7636	..do.	J. E. Bailey	..do.	69 08
7637	..do.	V. R. Barnes	..do.	88 60
7638	..do.	John Begley	..do.	65 70
7639	..do.	A. J. Booker	..do.	94 00
7640	..do.	M. C. Bocher	..do.	97 20
7641	..do.	George Boyer	..do.	58 80
7642	..do.	John Brannigan	..do.	73 50

## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1916			
7643	June 5	J. E. Browning.....	Wages.....	\$ 65 12
7644	do.	Harry Brown.....	do.....	61 38
7645	do.	Basil Brown.....	do.....	72 48
7646	do.	D. M. Bullock.....	do.....	71 53
7647	do.	Thos. Butler.....	do.....	67 44
7648	do.	John Ceduskey.....	do.....	81 84
7649	do.	J. W. Cheever.....	do.....	55 00
7650	do.	Bert Clark.....	do.....	64 91
7651	do.	John C. Clark.....	do.....	60 75
7652	do.	Jas. Casad.....	do.....	120 00
7653	do.	Frank Clancy.....	do.....	123 75
7654	do.	J. D. Craig.....	do.....	91 20
7655	do.	O. M. Davis.....	do.....	63 35
7656	do.	Albert Glawe.....	do.....	93 60
7657	do.	Chas. Gundlock.....	do.....	59 20
7658	do.	Otto Kreigl.....	do.....	26 40
7659	do.	J. H. Miller.....	do.....	115 87
7660	do.	Martin Sandwell.....	do.....	90 00
7661	do.	A. C. Speedie.....	do.....	96 00
7662	do.	Wesley Wilson.....	do.....	97 20
7663	do.	C. J. Welch.....	do.....	140 00
7664	do.	Frank A. Wiltz.....	do.....	85 00
7665	do.	H. P. Kelley.....	do.....	32 50
7666	do.	J. D. Tiffin.....	do.....	20 10
7667	do.	W. O. Roessler.....	do.....	50 00
7668	do.	M. E. Thompson, Cashier.....	Miscellaneous.....	34 40
7669	do.	Lloyd R. Caldwell.....	Traveling expense.....	24 55
7670	do.	I. J. Reinhart.....	do.....	14 45
7671	do.	L. C. Bernard.....	Wages.....	100 00
7672	do.	Clark Bullard.....	do.....	125 00
7673	do.	A. Bevis.....	do.....	143 00
7674	do.	C. L. Gustafson.....	do.....	140 00
7675	do.	E. L. Kelley.....	do.....	135 00
7676	do.	G. C. Faurote.....	do.....	70 00
7677	do.	M. E. Thompson, Cashier.....	Miscellaneous.....	56 21
7678	do.	M. E. Thompson, Cashier.....	do.....	392 08
7679	June 6	Illinois Central E. R. Co.....	Freight.....	15 14
7680	do.	Edwin Shelby, Jr.....	Stipendia.....	24 00
7681	do.	Francis M. VanNatter.....	do.....	24 00
7682	do.	Lloyd E. Lamkins.....	do.....	24 00
7683	do.	Oliver J. Troster.....	do.....	24 00
7684	do.	Ross S. Mason.....	do.....	24 00
7685	do.	George Curtiss.....	do.....	24 00
7686	do.	Reinhard A. J. Steinmayer.....	do.....	24 00
7687	do.	Daniel E. Miller.....	do.....	24 00
7688	do.	Charles W. McCumber.....	do.....	24 00
7689	do.	Ralph R. Thomas.....	do.....	24 00
7690	do.	Charles N. Owen.....	do.....	24 00
7691	do.	Oliver C. K. Hutchinson.....	do.....	24 00
7692	do.	William H. Kasten.....	do.....	24 00
7693	do.	Bernhard P. Reinsch.....	do.....	24 00
7694	do.	Edgar C. Swartwout.....	do.....	24 00
7695	do.	Edward C. O. Beatty.....	do.....	24 00
7696	do.	Kenneth C. Bell.....	do.....	24 00
7697	do.	Alwin G. Steinmayer.....	do.....	24 00
7698	do.	Ralph P. Brown.....	do.....	24 00
7699	do.	Leslie S. Morrill.....	do.....	24 00
7700	do.	Dudley W. Crane.....	do.....	24 00
7701	do.	Clyde J. North.....	do.....	24 00
7702	do.	John H. Gage.....	do.....	24 00
7703	do.	Eric F. Pihlgard.....	do.....	24 00
7704	do.	Hans P. Greison.....	do.....	24 00
7705	do.	Maurice C. Johnson.....	do.....	24 00
7706	do.	Dwight F. Heath.....	do.....	24 00
7707	do.	Walter W. Shelden.....	do.....	24 00
7708	do.	Leslie R. Lumley.....	do.....	24 00
7709	do.	Waldern H. Hough.....	do.....	24 00
7710	do.	Russel W. Millar.....	do.....	24 00
7711	do.	Chester G. Hadden.....	do.....	24 00
7712	do.	Warren P. Beaubien.....	do.....	24 00
7713	do.	Russel D. Barnes.....	do.....	24 00
7714	do.	Leal W. Reese.....	do.....	24 00
7715	do.	Harry W. MacKechnie.....	do.....	24 00
7716	do.	Albert G. Stone.....	do.....	24 00
7717	do.	John G. Eppinger.....	do.....	24 00
7718	do.	Kenneth S. Stice.....	do.....	24 00
7719	do.	Siefried N. Viebelius.....	do.....	24 00
7720	do.	Carson G. Jennings.....	do.....	24 00

## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1916			
7721	June 8	William Campbell	Stipendia	\$ 24 00
7722	..do..	William Oscar Nelson	..do..	24 00
7723	..do..	Lyle Henry Gift	..do..	24 00
7724	..do..	Allan Madison Adams	..do..	24 00
7725	..do..	Humphreys Siegmund	..do..	24 00
7726	..do..	Charles Raymond Gross	..do..	24 00
7727	..do..	Abraham Reuel Keagy	..do..	24 00
7728	June 7	John Ekern Ott	..do..	24 00
7729	..do..	John Howard Fowers	..do..	24 00
7730	..do..	Luther Franklin Simpson	..do..	24 00
7731	..do..	Edward Springer Axline	..do..	24 00
7732	..do..	John T. Lewis	..do..	24 00
7733	..do..	R. H. Lawrence	..do..	24 00
7734	..do..	C. Gross	..do..	24 00
7735	..do..	Russell Leamer McKown	..do..	24 00
7736	..do..	John Roger Lindsey	..do..	24 00
7737	..do..	Julius Nichol Johnson	..do..	24 00
7738	..do..	Hubert Watson Moor	..do..	24 00
7739	..do..	Howard Cyril Gesselbracht	..do..	24 00
7740	..do..	Leonard Hoadly Davis	..do..	24 00
7741	..do..	Charles Allen Britt	..do..	24 00
7742	..do..	George Leslie Smith	..do..	24 00
7743	..do..	Harry Lee Husson	..do..	24 00
7744	..do..	Donald Tyler Swain	..do..	24 00
7745	..do..	Preston Browne Calhoun	..do..	24 00
7746	..do..	Henry Plummer Thurlow	..do..	24 00
7747	..do..	Thomas Treston McEvoy	..do..	24 00
7748	..do..	Manierre Barlow Ware	..do..	24 00
7749	..do..	Martin Collins Hughes	..do..	24 00
7750	..do..	Kenneth Burman Bush	..do..	24 00
7751	..do..	George Albert Geib	..do..	24 00
7752	..do..	Leonard Louis Davis	..do..	24 00
7753	..do..	John Wesley Smith	..do..	24 00
7754	..do..	Bayard Han Clarke	..do..	24 00
7755	..do..	Harold Cordes Schreiner	..do..	24 00
7756	..do..	Tom S. Hamilton	..do..	24 00
7757	..do..	Roland E. Netcott	..do..	24 00
7758	..do..	Irwin L. Lummis	..do..	24 00
7759	..do..	Lloyd W. Chalcraft	..do..	24 00
7760	..do..	Dan Babcock	..do..	24 00
7761	..do..	Irving B. Countryman	..do..	24 00
7762	..do..	Rollin L. Swindler	..do..	24 00
7763	..do..	Julien H. Needler	..do..	24 00
7764	..do..	Frederick W. Patton	..do..	24 00
7765	..do..	Robert J. Craigmile	..do..	24 00
7766	..do..	Clarence J. Gruhl	..do..	12 00
7767	..do..	Cecil W. Borton	..do..	24 00
7768	..do..	Marion R. Finley	..do..	24 00
7769	..do..	Frank H. Geiler	..do..	24 00
7770	..do..	Ernst H. Gay	..do..	24 00
7771	..do..	Clarence W. Smith	..do..	24 00
7772	..do..	Charles S. Palmer	..do..	24 00
7773	..do..	Charles R. Gideon	..do..	24 00
7774	..do..	Glenn C. Smith	..do..	24 00
7775	..do..	Sidney B. Trelease	..do..	12 00
7776	..do..	Harrison G. Overend	..do..	24 00
7777	..do..	Albert C. Ames	..do..	12 00
7778	..do..	Lyle W. Hines	..do..	24 00
7779	..do..	Carl G. Howard	..do..	24 00
7780	..do..	George C. Darrell	..do..	24 00
7781	..do..	Donald D. Sharer	..do..	24 00
7782	..do..	Percy W. Ott	..do..	24 00
7783	..do..	Malcolm D. Roberts	..do..	24 00
7784	..do..	Victor H. Grossberg	..do..	12 00
7785	..do..	Major Cuskaden	..do..	12 00
7786	..do..	James L. Crawford	..do..	12 00
7787	..do..	J. M. Ketch	Wages	10 12
7788	..do..	L. E. Voorhees	..do..	16 00
7789	..do..	The First National Bank	Credit of University of Illinois creamery	211 57
7790	..do..	The First National Bank	..do..	144 15
7791	..do..	M. E. Thompson, Cashier	Miscellaneous	428 72
7792	..do..	Walter G. Goelitz	Wages	7 50
7793	..do..	Lloyd B. Dickey	..do..	44 50
7794	..do..	Frank B. Hanson	..do..	23 63
7795	..do..	C. E. Null	..do..	10 80
7796	..do..	Bayard T. Klotzche	..do..	41 50
7797	..do..	Berthier Fairbanks	..do..	22 80

## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1916			
7798	June 7	C. M. Linsley	Traveling expenses	\$ 20 16
7799	do.	H. Fahrnkopf	do.	17 61
7800	do.	C. G. Hopkins	do.	7 97
7801	do.	Lovington Coal Mining Co.	Error in vouchers	12 24
7802	do.	G. E. Stechert & Co	Books	3 08
7803	do.	James H. Greene	Traveling expenses	4 35
7804	do.	William G. Hale	do.	12 39
7805	do.	Chester G. Vernier	do.	16 34
7806	do.	Major R. W. Mearns	do.	7 09
7807	do.	Ruth E. Hamond	Wages	12 15
7808	do.	Dorothy E. Cook	do.	18 85
7809	do.	Multiplex Display Fixture Co	Office equipment	98 00
7810	do.	Irving Pitt Mfg. Co.	General supplies	1 56
7811	do.	U. S. Blue Print Paper Co.	Blue printing	1 69
7812	do.	Kleine Optical Co.	Laboratory apparatus	342 24
7813	do.	Irving Pitt Mfg. Co.	General supplies	1 38
7814	do.	D. H. Lloyde	Office supplies	2 25
7815	do.	A. C. McClurg & Co.	do.	7 90
7816	do.	D. H. Lloyde	Ink	11 00
7817	do.	J. W. Butler Paper Co.	Office supplies	81 86
7818	do.	Louis Melind Co.	General supplies	45
7819	do.	M. E. Thompson, Cashier	Miscellaneous	44 32
7820	do.	M. E. Thompson, Cashier	do.	54 80
7821	do.	M. E. Thompson, Cashier	do.	36 45
7822	do.	M. E. Thompson, Cashier	do.	25 60
7823	do.	M. E. Thompson, Cashier	do.	768 91
7824	June 8	First National Bank	Credit of University creamery	143 98
7825	do.	M. E. Thompson, Cashier	Miscellaneous	52 50
7826	do.	M. E. Thompson, Cashier	do.	63 86
7827	do.	M. E. Thompson, Cashier	do.	792 21
7828	do.	Multiplex Display Fixture Co	Furniture and fixtures	277 34
7829	do.	Mrs. W. J. Engle	Milk	4 83
7830	do.	J. L. Edmonds	Traveling expenses	3 12
7831	do.	J. B. Andrews	do.	6 35
7832	do.	Wm. Trelease	Laboratory supplies	2 13
7833	do.	R. R. Snapp	Traveling expenses	7 66
7834	do.	L. L. Holler	do.	11 34
7835	do.	P. T. Rockey	Wages	15 20
7836	do.	Edw. Lerch	do.	8 13
7837	do.	A. L. Golinkin	do.	10 20
7838	do.	A. Blackstone	do.	10 20
7839	do.	A. W. Nolan	Traveling expenses	4 05
7840	do.	A. L. Moats	Wages	19 00
7841	do.	H. C. Wheeler	Traveling expenses	46 43
7842	do.	H. Fahrnkopf	Miscellaneous	36 04
7843	do.	A. J. Gunderson	Traveling expenses	13 44
7844	do.	Louis Melind Co.	Office supplies	1 52
7845	do.	American Steam Pump Co.	General supplies	42 19
7846	do.	H. W. Johns-Manville Co.	do.	28 70
7847	do.	Mrs. F. E. McClughen	Sundries	25 29
7848	do.	Big Four Ry. Co.	Freight	67 06
7849	do.	Illinois Central R. R. Co.	do.	6 75
7850	do.	Wabash Ry. Co.	do.	28 63
7851	do.	Sharon Coal Co.	Coal	418 74
7852	do.	Illinois Traction System, Urbana	Freight	9 74
7853	do.	Wabash Ry. Co., Urbana	do.	12 52
7854	do.	Wabash Ry. Co., Champaign	do.	16 45
7855	do.	Big Four Ry. Co., Champaign	do.	71 35
7856	do.	L. R. Lang	Traveling expenses	12 40
7857	do.	Chris P. Jensen	do.	5 95
7858	do.	C. F. Goodman	do.	16 95
7859	do.	F. H. Kelley	do.	9 90
7860	do.	Robert Baird	Wages	44 10
7861	do.	Amos Marx	do.	49 95
7862	do.	J. E. Whitechurch	Traveling expenses	37 53
7863	do.	R. W. Dickenson	do.	41 78
7864	do.	W. G. Kammlade	do.	3 12
7865	do.	M. E. Thompson, Cashier	Miscellaneous	387 48
7866	do.	M. E. Thompson, Cashier	do.	14 72
7867	do.	Henry Grein	Feed	222 01
7868	do.	F. A. Wiltze	Laboratory supplies	6 00
7869	do.	Schutte & Koerting Co.	Laboratory apparatus	12 67
7870	do.	Weis Mfg. Co.	General supplies	37 79
7871	do.	Multiclor Sales Co.	do.	6 85
7872	do.	Collector of Internal Revenue	Incidentals	1 00
7873	do.	Mr. C. H. Kerr	Traveling expenses	37 63
7874	do.	J. F. Fidler Motor Co.	General supplies	63 05

## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
<b>1916</b>				
7875	June 9	Taylor Hardware Co.	General supplies	\$ 4 90
7876	do.	J. Ray Gallagher & Co.	do.	10 55
7877	do.	Standard Oil Co.	Gasoline	49 03
7878	do.	Stipes & Hecker	Cement, plaster paris	18 75
7879	do.	Central Electric Co.	General supplies	162 85
7880	do.	Twin City Roofing Co.	Roofing	35 30
7881	do.	Herrick Auto Supply	Auto repairs	3 60
7882	do.	Vaughan's Seed Store	Camas	8 00
7883	do.	Hills McCanna Co.	Oil pump	22 30
7884	do.	John B. Bennett	Manhole	7 49
7885	do.	William Hix	Labor	15 00
7886	do.	The Caldwell Co.	Lighting library	208 58
7887	do.	A. W. Stoolman	Foundations Ceramics building	368 89
7888	do.	Chas. A. Hall Hardware Co.	Tar paper	6 25
7889	do.	J. C. Gabel	Mower repairs	12 75
7890	do.	Wozeneraft & Finder	General supplies	2 55
7891	do.	The Burr Co.	do.	13 50
7892	do.	C. A. Kiler	Holland shade	1 40
7893	do.	Swartz Electric Shop	Lamps	20 25
7894	do.	Freeman & Son	General supplies	1 00
7895	do.	S. E. Huff & Co.	Lumber	241 30
7896	do.	Baevoe & Reynolds Co.	General supplies	5 63
7897	do.	Bacon Bros	Litharge	1 80
7898	do.	Poehlmann Bros. Co.	General supplies	122 50
7899	do.	H. Mueller Mfg. Co.	do.	143 40
7900	do.	F. K. Robeson	Sani flush	11 25
7901	do.	Corbin Cabinet Lock Co.	Six dozen keys	2 62
7902	do.	Chicago Rectort & Fire Brick Co.	Tile	240 00
7903	do.	Eisner Grocery Co.	Gold dust	17 20
7904	do.	Geo. B. Carpenter & Co.	General supplies	97 11
7905	do.	Western Valve Co.	Gate valves	77 38
7906	do.	H. Swannell & Son	Alcohol, glycerine	9 10
7907	do.	Emerson Brantingham Imp. Co.	Side rake and tedder	53 20
7908	do.	Wright Wire Co.	Copper cloth	19 92
7909	do.	W. F. Hardy	Steel tank	7 00
7910	do.	Sarco Co.	Steam Trap Sarco	4 57
7911	do.	Crane Co.	General supplies	18 35
7912	do.	Johnson Bros	Ball cock	1 00
7913	do.	R. C. Wagner & Sons	Labor	8 75
7914	do.	Louden and Flamingam	Printing	28 50
7915	do.	Harvey A. Sellers	Floor dressing	9 50
7916	do.	G. E. Stechert & Co.	Books	8 38
7917	do.	L. A. Hunter	Traveling expenses	6 19
7918	do.	Albert Tate	Wages	30 26
7919	do.	F. W. Wascher	Traveling expenses	27 18
7920	do.	C. C. Logan	do.	31 85
7921	do.	J. B. Marshall	Wages	125 96
7922	do.	Big Four Railway, Urbana	Freight	16 20
7923	do.	Jewell Belting Co.	Single belt	43 31
7924	do.	Illinois Traction System, Urbana	Freight	1 55
7925	do.	Wabash Ry. Co., Urbana	do.	11 25
7926	do.	Big Four Ry. Co., Urbana	do.	29 23
7927	do.	Globe Wernicke Co.	General supplies	6 83
7928	do.	Library Bureau	White cards, punched	10 12
7929	do.	D. H. Lloyd	Office supplies	222 95
7930	do.	J. W. Butler Paper Co.	Envelopes	51 41
7931	do.	Standard Underground Cable Co.	Rubber T. and brd.	108 95
7932	do.	Pittsburgh Plate Glass Co.	Three plates	21 65
7933	do.	Quality Grocery	Laboratory supplies	6 58
7934	do.	Chicago Telephone Co.	Telephone and telegraph	12 57
7935	do.	Freeman & Brooks	Plastering	96 37
7936	do.	Pilon & Rodgers	General supplies	101 65
7937	do.	Jacob White	Plastering and stucco	177 55
7938	do.	Ruth Glasco	Wages	22 40
7939	do.	W. H. Browne, Secretary	Miscellaneous	67 90
7940	do.	First National Bank	Credit of University creamery	158 05
7941	June 10	A. H. Orcutt	Wages (salary)	48 00
7942	do.	H. A. Keener	Salary	48 00
7943	do.	H. W. Priem	do.	48 00
7944	do.	R. M. Choisser	do.	48 00
7945	do.	M. E. Steinberg	do.	48 00
7946	do.	George Helperin	do.	50 00
7947	do.	Thomas Lanners	do.	80 00
7948	do.	Chicago Telephone Co.	Telephone and telegraph	41 83
7949	do.	Peoples Gas Light & Coke Co.	Gas	46 72
7950	do.	Commercial Telephone & Telegraph Co.	Telephone and telegraph	6 43
7951	do.	R. C. Wagner, Sr.	Wages	20 00
7952	do.	S. V. Holt	Traveling expenses	49 84



## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1916			
7953	June 10	Chas. A. Campbell	Traveling expenses	\$ 8 14
7954	do.	C. M. Linsley	do.	13 57
7955	do.	Big Four Ry., Urbana	Freight	16 91
7956	do.	Multiplex Display Fixture Co.	Laboratory apparatus	231 28
7957	do.	Wabash Ry. Co., Urbana	Freight	63 68
7958	do.	Wabash Ry. Co., Champaign	do.	3 25
7959	do.	Illinois Traction System, Urbana	do.	23 73
7960	do.	Illinois Central R. R., Champaign	do.	14 87
7961	do.	Big Four Ry., Urbana	do.	43 31
7962	June 12	O. A. Harker	Salary	416 66
7963	do.	Geo. W. Matheny	Wages	65 47
7964	do.	N. B. Garver	Traveling expenses	6 43
7965	do.	Big Four Ry., Urbana	Freight	163 73
7966	do.	A. C. McClurg & Co.	Office supplies	1 20
7967	do.	Jos. Gillott & Sons	do.	5 55
7968	do.	D. H. Loyde	do.	37 95
7969	do.	Weis Mfg. Co.	do.	12 24
7970	do.	Schapirograph Co.	do.	6 73
7971	do.	Taylor Hardware Co.	Nails	20
7972	do.	Temco Electric Motor Co	Repairs on "B" drill	8 23
7973	do.	Watson Mfg. Co	Screens and doors	195 00
7974	do.	Harry Herrick	Machine repairs	14 00
7975	do.	C. C. Kiler	Linoleum	24 79
7976	do.	G. E. Stechert & Co	Books	3 08
7977	do.	W. H. Browne, Secretary	Miscellaneous	228 09
7978	do.	J. H. Beard, Dr.	Expense service	1,000 00
7979	do.	First National Bank	Credit of University creamery	141 80
7980	June 13	E. V. Allen	Stipendia	24 00
7981	do.	B. R. Battey	do.	24 00
7982	do.	S. J. Bess	do.	24 00
7983	do.	P. M. Boston	do.	24 00
7984	do.	J. L. Brown	do.	24 00
7985	do.	D. G. Evans	do.	24 00
7986	do.	J. F. Gauger	do.	24 00
7987	do.	Gogerty, H. L.	do.	24 00
7988	do.	E. E. Greenwell	do.	24 00
7989	do.	F. C. Hahn	do.	24 00
7990	do.	C. O. Hawkinson	do.	24 00
7991	do.	L. B. Hiebel	do.	24 00
7992	do.	C. E. Hungerford	do.	24 00
7993	do.	G. B. Hopkins	do.	24 00
7994	do.	James Kantor	do.	24 00
7995	do.	Kaywin Kennedy	do.	24 00
7996	do.	J. M. Knappenberger	do.	24 00
7997	do.	L. G. Krug	do.	24 00
7998	do.	L. W. Ledgerwood	do.	24 00
7999	do.	A. F. Lenzen	do.	24 00
8000	do.	H. B. Lotz	do.	24 00
8001	do.	R. S. Mason	do.	24 00
8002	do.	M. J. McClelland	do.	24 00
8003	do.	S. M. MacDowell	do.	24 00
8004	do.	W. B. Meisenhelder	do.	24 00
8005	do.	L. O. Mitchell	do.	24 00
8006	do.	F. G. Olbrich	do.	24 00
8007	do.	D. L. Ott	do.	24 00
8008	do.	U. S. Postel	do.	24 00
8009	do.	I. L. Ratcliffe	do.	24 00
8010	do.	E. F. Rehnquist	do.	24 00
8011	do.	H. L. Slack	do.	24 00
8012	do.	T. J. Strong	do.	24 00
8013	do.	G. C. Tanton	do.	24 00
8014	do.	S. J. Thomas	do.	24 00
8015	do.	A. H. Turner	do.	24 00
8016	do.	H. G. Winans	do.	24 00
8017	do.	W. V. Wirth	do.	24 00
8018	do.	Douglas Wright	do.	24 00
8019	do.	R. B. Zuser	do.	24 00
8020	do.	H. T. Booth	do.	24 00
8021	do.	W. A. Gatward	do.	24 00
8022	do.	W. H. Hyslop	do.	24 00
8023	do.	G. B. McMillen	do.	24 00
8024	do.	F. W. Mohlman	do.	24 00
8025	do.	J. H. Rapp	do.	24 00
8026	do.	J. R. Shulters	do.	24 00
8027	do.	E. G. Young	do.	24 00
8028	do.	R. I. Shawl	do.	24 00
8029	do.	A. B. Brown	do.	6 00
8030	do.	D. S. Campbell	do.	6 00

## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
<b>1916</b>				
8031	June 13	L. C. Cannon.	Stipendia	\$ 6 00
8032	do.	R. A. Carlsen.	do.	6 00
8033	do.	R. E. Chambers.	do.	6 00
8034	do.	Carl Clegg.	do.	6 00
8035	do.	C. O. Collins.	do.	6 00
8036	do.	D. E. Compton.	do.	6 00
8037	do.	M. H. Cook.	do.	6 00
8038	do.	H. P. Drew.	do.	6 00
8039	do.	Walter Emch.	do.	6 00
8040	do.	Hugh Fitch.	do.	6 00
8041	do.	B. D. Greene.	do.	6 00
8042	do.	C. P. Harrah.	do.	6 00
8043	do.	H. C. Hawes.	do.	6 00
8044	do.	W. C. Healy.	do.	6 00
8045	do.	M. H. Hunt.	do.	6 00
8046	do.	L. E. Hill.	do.	6 00
8047	do.	H. E. Kent.	do.	6 00
8048	do.	A. E. Lindberg.	do.	6 00
8049	do.	L. M. Lindsey.	do.	6 00
8050	do.	R. W. Michael.	do.	6 00
8051	do.	O. L. Moore.	do.	6 00
8052	do.	E. E. Newcomb.	do.	6 00
8053	do.	R. T. Olmsted.	do.	6 00
8054	do.	R. M. Parks.	do.	6 00
8055	do.	L. A. Rahn.	do.	6 00
8056	do.	E. H. Renner, Jr.	do.	6 00
8057	do.	W. T. Ritter.	do.	6 00
8058	do.	W. J. Russo.	do.	6 00
8059	do.	F. S. Shy.	do.	6 00
8060	do.	E. D. Swanberg.	do.	6 00
8061	do.	G. W. Unger.	do.	6 00
8062	do.	L. F. Helbing.	do.	6 00
8063	do.	F. M. Lescher.	do.	6 00
8064	do.	W. I. Kirby.	do.	6 00
8065	do.	B. J. Kirk.	do.	6 00
8066	do.	E. C. Wascher.	do.	6 00
8067	do.	C. C. Windle.	do.	6 00
8068	do.	Cleveland Grain Co.	Feeding stuff.	700 00
8069	do.	M. E. Thompson, Cashier.	Miscellaneous.	668 68
8070	do.	M. E. Thompson, Cashier.	do.	118 37
8071	do.	M. E. Thompson, Cashier.	do.	8 31
8072	do.	Wm. Webb.	Wages.	76 09
8073	do.	H. Fahrnkopf.	Miscellaneous.	44 39
8074	do.	Ingersoll Rand Co. of Illinois.	Freight on motor gauge and base.	2 32
8075	do.	George Cutter Co.	General supplies.	36 09
8076	do.	Edith G. Osmond.	Traveling expenses.	27 34
8077	do.	W. T. Crandall.	do.	12 54
8078	do.	R. S. Hulce.	do.	14 76
8079	do.	Luman W. Colton.	do.	14 51
8080	do.	P. W. Kessinger.	do.	63 76
8081	do.	J. R. Midyett.	Wages, general supplies.	72 35
8082	do.	Wm. Aten, Sr.	Wages.	33 25
8083	do.	J. W. Smith.	Freight.	46 89
8084	do.	Mr. W. H. Browne, Secretary.	Traveling expenses.	10 14
8085	do.	A. C. McClurg & Co.	Steno. notebooks.	4 06
8086	do.	United States Blue Print Paper Co.	4H Venus pencils.	7 44
8087	do.	D. H. Lloyd.	Films, glue.	7 90
8088	do.	First National Bank.	Credit of University creamery.	205 92
8089	do.	Big Four Ry., Urbana.	Freight.	5 44
8090	do.	Wabash Ry., Urbana.	do.	8 53
8091	June 14	M. E. Thompson, Cashier.	Miscellaneous.	591 01
8092	do.	H. S. Capron, Treasurer.	Material furnished from University storeroom.	401 11
8093	do.	Naperville Nurseries.	Shrubs.	26 30
8094	do.	Wabash Ry. Co., Urbana.	Freight.	11 83
8095	do.	Big Four Ry., Urbana.	do.	4 33
8096	do.	Illinois Central, Champaign.	do.	1 46
8097	June 15	F. M. Porter.	Expert services.	430 25
8098	do.	Standard Oil Co.	Gasoline.	25 90
8099	do.	J. W. Butler Paper Co.	Office supplies.	73 70
8100	do.	Illinois Central R. R., Chicago.	Freight.	1 42
8101	do.	Illinois Central R. R., Chicago.	do.	4 54
8102	do.	M. R. Carlson.	Traveling expenses.	8 12
8103	do.	Frank Turner.	do.	24 77
8104	do.	Frank Marshall.	do.	6 37
8105	do.	H. A. Harding.	do.	29 32
8106	do.	A. J. Gunderson.	do.	19 09
8107	do.	Western Gas Fixture Co.	General supplies.	3 15

## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1916			
8108	June 15	F. A. Wyatt.....	Traveling expenses.....	\$ 11 04
8109	..do..	Wm. O. Roessler.....	..do.....	9 64
8110	..do..	Robert Stewart.....	..do.....	10 79
8111	..do..	H. J. Snider.....	..do.....	11 02
8112	..do..	H. C. Wheeler.....	..do.....	27 59
8113	..do..	R. W. Dickenson.....	..do.....	42 70
8114	..do..	F. A. Fisher.....	..do.....	23 70
8115	..do..	O. M. Allyn.....	..do.....	13 92
8116	..do..	J. E. Whitchurch.....	Traveling expenses, miscellaneous	45 14
8117	..do..	S. V. Holt.....	Traveling expenses.....	44 85
8118	..do..	F. W. Wascher.....	..do.....	33 66
8119	..do..	University Press.....	Printing.....	3 50
8120	..do..	Arthur K. Schifflin.....	Wages.....	11 25
8121	..do..	Western Electric Co.....	Insulating paint.....	6 50
8122	..do..	Russell Arbuckle.....	Feeding stuff.....	97 41
8123	..do..	T. J. Colvin.....	Live stock.....	500 00
8124	..do..	Wood Products Co.....	Laboratory supplies.....	6 19
8125	..do..	Butler Brothers.....	Shoe polish.....	2 33
8126	..do..	Pittsburgh Plate Glass Co.....	Glass.....	70 30
8127	..do..	Johnson Service Co.....	General supplies.....	5 24
8128	..do..	Florence Stoutzenberg.....	Wages.....	60 00
8129	..do..	First National Bank, Champaign.....	Credit of University creamery.....	445 57
8130	..do..	National Blank Book Co.....	One-half gross note.....	5 25
8131	..do..	Illinois Traction System, Urbana.....	Freight.....	2 21
8132	..do..	J. D. White.....	Stamped envelopes.....	53 40
8133	..do..	M. E. Thompson, Cashier.....	Miscellaneous.....	15 00
8134	..do..	J. D. White.....	Stamps.....	1,092 00
8135	..do..	Mr. William Malcolm.....	Wages.....	25 00
8136	..do..	R. G. Kline.....	..do.....	25 00
8137	..do..	L. W. Martin.....	..do.....	25 00
8138	..do..	L. Stolla.....	..do.....	25 00
8139	..do..	James H. Greene.....	Traveling expenses.....	9 14
8140	..do..	H. P. Rusk.....	..do.....	13 06
8141	..do..	Illinois Traction System, Urbana.....	Freight.....	1 98
8142	..do..	Wabash Ry., Urbana.....	..do.....	4 76
8143	..do..	Big Four Ry., Urbana.....	..do.....	9 26
8144	June 16	J. M. Lindgren.....	Wages.....	300 00
8145	..do..	Floyd E. Rowland.....	..do.....	48 00
8146	..do..	Oliver A. Harker.....	Traveling expenses.....	15 84
8147	..do..	Lyon Metallic Mfg. Co.....	Order for general supplies.....	201 47
8148	..do..	Freeman & Son.....	General supplies.....	1 60
8149	..do..	Barbee Wire & Iron Works.....	Window guards.....	5 80
8150	..do..	James B. Clow & Sons.....	Bath plugs.....	5 44
8151	..do..	United States Blue Print Paper Co.....	Tracing paper.....	12 35
8152	..do..	Dallenbach Bros.....	Laboratory supplies.....	26 29
8153	..do..	J. F. Webster & Co.....	..do.....	56 01
8154	..do..	Mrs. J. N. York.....	Sundries.....	3 13
8155	..do..	Illinois Central Ry., Champaign.....	Freight.....	6 90
8156	..do..	Illinois Traction System.....	..do.....	304 82
8157	..do..	Big Four Ry., Urbana.....	..do.....	22 23
8158	..do..	Wabash Ry. Co., Urbana.....	..do.....	104 70
8159	June 17	Wabash Ry., Urbana.....	..do.....	57 88
8160	..do..	Big Four Ry., Urbana.....	..do.....	25 90
8161	..do..	Illinois Central R. R., Champaign.....	..do.....	6 50
8162	June 19	M. E. Thompson, Cashier.....	Miscellaneous.....	27 92
8163	..do..	M. E. Thompson, Cashier.....	..do.....	794 40
8164	..do..	The Globe-Wernicke Co.....	Office supplies.....	23 18
8165	..do..	Irving Pitt Mfg. Co.....	..do.....	2 68
8166	..do..	Paper Mills Co.....	Paper.....	89 73
8167	..do..	Anna May Price.....	Traveling expenses lectures.....	25 40
8168	..do..	Charles H. Besly & Co.....	Oilers.....	2 68
8169	..do..	L. Wolff Mfg. Co.....	Sinks.....	20 76
8170	..do..	Central Supply Co.....	Bits and drills.....	6 15
8171	..do..	Champaign & Urbana San. Co.....	Cleaning and washing.....	14 00
8172	..do..	Louden and Flanigan.....	Printing.....	3 50
8173	..do..	Mrs. J. N. York.....	Laundry.....	5 61
8174	..do..	N. B. Garver.....	Traveling expenses.....	7 55
8175	..do..	Johnson Service Co.....	Pneumatic valves.....	29 40
8176	..do..	W. S. Brook.....	Traveling expenses.....	18 42
8177	..do..	C. E. Durst.....	..do.....	10 14
8178	..do..	Central Scientific Co.....	General supplies.....	4 08
8179	..do..	L. H. Provine.....	Traveling expenses.....	7 34
8180	..do..	James H. Greene.....	..do.....	3 03
8181	..do..	I. V. Stevenson.....	Lectures.....	20 00
8182	..do..	First National Bank.....	Credit of University creamery.....	275 88
8183	..do..	E. R. Green.....	Wages, general supplies.....	44 45
8184	..do..	Wm. Fliege.....	Wages.....	41 79
8185	..do..	Alfred Bergen.....	..do.....	45 95

## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date..	To whom.	For what.	Amount.
	1916			
8186	June 19	J. T. Newsome	Traveling expenses	\$ 13 47
8187	..do.	Chas. A. Campbell	..do.	10 64
8188	..do.	F. W. Garrett	..do.	37 62
8189	..do.	Alexander Lumber Co.	Lumber	35 00
8190	..do.	J. D. White, Superintendent of stationery	Envelopes	21 44
8191	..do.	Chas. M. Weber, Postmaster	Post bit	50 00
8192	..do.	Robert Schmidt	Laboratory supplies	2 55
8193	..do.	M. E. Thompson, Cashier	Miscellaneous	33 50
8194	..do.	Edward Pemcock	Laboratory supplies	3 87
8195	..do.	George A. Huff	Salary	416 66
8196	..do.	R. N. Fargo	..do.	183 33
8197	..do.	R. C. Zupke	..do.	83 33
8198	..do.	E. J. Manley	..do.	120 00
8199	..do.	C. H. Gilmstedt	..do.	60 00
8200	..do.	Harry E. Gill	..do.	150 00
8201	..do.	R. K. Jones	..do.	75 00
8202	..do.	Alvin Romeiser	..do.	50 00
8203	..do.	W. E. Evans	..do.	90 00
8204	..do.	Louise Feer	..do.	116 66
8205	..do.	Verna Brooks	..do.	120 00
8206	..do.	Anna Hughitt	..do.	120 00
8207	..do.	Rosa Lee Gaut	..do.	50 00
8208	..do.	Edith G. Osmond	..do.	100 00
8209	..do.	Caroline Morris	..do.	80 00
8210	..do.	Margaret Hemenway	..do.	20 00
8211	..do.	A. A. Harding	..do.	91 66
8212	..do.	L. E. Lamkins	..do.	20 00
8213	..do.	Edwin Shelby	..do.	20 00
8214	..do.	F. M. Van Natter	..do.	20 00
8215	..do.	R. R. Thomas	..do.	20 00
8216	..do.	L. E. Sawyer	..do.	60 00
8217	..do.	O. J. Troster	..do.	20 00
8218	..do.	Geo. Curtiss	..do.	20 00
8219	..do.	R. S. Mason	..do.	20 00
8220	..do.	R. A. J. Steinmeyer	..do.	20 00
8221	..do.	D. E. Miller	..do.	20 00
8222	..do.	C. W. McCumber	..do.	20 00
8223	..do.	W. H. Kaston	..do.	20 00
8224	..do.	R. W. Mearns	..do.	48 00
8225	..do.	P. L. Windsor	..do.	316 66
8226	..do.	P. S. Goulding	..do.	183 33
8227	..do.	Adah Patton	..do.	108 33
8228	..do.	Nelle Signor	..do.	43 33
8229	..do.	Marie Hubbard	..do.	55 00
8230	..do.	Elsie Baechtold	..do.	65 00
8231	..do.	Erna Seiler	..do.	27 50
8232	..do.	Newman Romero	..do.	27 50
8233	..do.	Nellie Branch	..do.	32 50
8234	..do.	Wilma Shelton	..do.	65 00
8235	..do.	Karin J. Lindholm	..do.	27 50
8236	..do.	Margaret Herdman	..do.	75 00
8237	..do.	C. F. Janvein	..do.	50 00
8238	..do.	Marian Leatherman	..do.	80 00
8239	..do.	Mary Torrance	..do.	83 33
8240	..do.	Ola Wyeth	..do.	83 33
8241	..do.	Marion Sparks	..do.	70 00
8242	June 20	Emma R. Jutton	..do.	116 66
8243	..do.	Susan Benson	..do.	65 00
8244	..do.	E. O. Fontaine	..do.	42 50
8245	..do.	A. Burger	..do.	27 50
8246	..do.	A. H. Lenz	..do.	27 50
8247	..do.	Gordon Klein	..do.	27 50
8248	..do.	Florence Craig	..do.	21 66
8249	..do.	W. B. Newlin	..do.	27 50
8250	..do.	F. K. W. Drury	..do.	208 33
8251	..do.	C. E. Graves	..do.	116 66
8252	..do.	Mary Renich	..do.	30 00
8253	..do.	E. U. Rugg	..do.	40 00
8254	..do.	Emma Felsenthal	..do.	100 00
8255	..do.	Margaret Hutchins	..do.	100 00
8256	..do.	Alice Johnson	..do.	100 00
8257	..do.	Eva G. Miller	..do.	66 66
8258	..do.	J. H. Greene	..do.	50 00
8259	..do.	F. C. Bauer	..do.	175 00
8260	..do.	A. M. Brunson	..do.	100 00
8261	..do.	C. B. Clevenger	..do.	100 00
8262	..do.	R. W. Dickenson	..do.	116 66
8263	..do.	O. I. Ellis	..do.	100 00

## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1916			
8264	June 20	H. F. T. Fahrnkopf.	Salary	\$100 00
8265	.do.	W. B. Gernert.	.do.	175 00
8266	.do.	H. C. Gilkerson.	.do.	100 00
8267	.do.	E. E. Hoskins.	.do.	82 33
8268	.do.	H. J. Snider.	.do.	100 00
8269	.do.	H. A. de Werf.	.do.	83 33
8270	.do.	A. T. Morison.	.do.	70 00
8271	.do.	J. B. Andrews.	.do.	116 66
8272	.do.	D. O. Barto.	.do.	27 41
8273	.do.	Sleeter Bull.	.do.	150 00
8274	.do.	H. H. Mitchell.	.do.	150 00
8275	.do.	H. P. Rusk.	.do.	233 33
8276	.do.	W. C. Coffey.	.do.	197 04
8277	.do.	E. K. Augustus.	.do.	83 33
8278	.do.	J. R. Zisenheim.	.do.	50 00
8279	.do.	W. F. Handschin.	.do.	62 50
8280	.do.	A. D. Emmett.	.do.	166 66
8281	.do.	R. S. Hulce.	.do.	150 00
8282	.do.	W. B. Nevens.	.do.	83 33
8283	.do.	M. J. Pracha.	.do.	208 33
8284	.do.	H. M. Weeter.	.do.	53 33
8285	.do.	W. W. Yapp.	.do.	116 66
8286	.do.	L. J. True.	.do.	83 33
8287	.do.	H. K. Rulison.	.do.	75 00
8288	.do.	W. H. Chambers.	.do.	37 50
8289	.do.	I. D. Allison.	.do.	150 00
8290	.do.	A. S. Colby.	.do.	83 33
8291	.do.	D. T. Englis.	.do.	80 00
8292	.do.	A. J. Gundersen.	.do.	133 33
8293	.do.	August Heckt.	.do.	83 33
8294	.do.	Wilhelm Miller.	.do.	250 00
8295	.do.	B. S. Pickett.	.do.	8 32
8296	.do.	O. S. Watkins.	.do.	200 00
8297	.do.	L. D. Tilton.	.do.	83 33
8298	.do.	E. G. Lauterbach.	.do.	33 33
8299	.do.	W. K. Palmer.	.do.	83 33
8300	.do.	Mamie Bunch.	.do.	83 33
8301	.do.	Olive Percival.	.do.	50 00
8302	.do.	W. F. M. Goss.	.do.	500 00
8303	.do.	Percy Ash.	.do.	208 33
8304	.do.	C. R. Clark.	.do.	183 33
8305	.do.	L. H. Provine.	.do.	291 66
8306	.do.	N. C. Ricker.	.do.	291 66
8307	.do.	W. C. Titcomb.	.do.	175 00
8308	.do.	N. A. Wells.	.do.	208 33
8309	.do.	Winifred Fehrenkamp.	.do.	83 33
8310	.do.	R. T. Jones.	.do.	150 00
8311	.do.	W. M. Kekking.	.do.	150 00
8312	.do.	J. M. Kellogg.	.do.	150 00
8313	.do.	R. S. Fanning.	.do.	120 00
8314	.do.	W. S. Wolfe.	.do.	120 00
8315	.do.	C. V. Burger.	.do.	120 00
8316	.do.	R. E. Muhlman.	.do.	140 00
8317	.do.	L. C. Dillenbach.	.do.	100 00
8318	.do.	W. M. Stanton.	.do.	120 00
8319	.do.	A. E. Williams.	.do.	150 00
8320	.do.	R. R. Danielson.	.do.	100 00
8321	.do.	R. K. Hursh.	.do.	150 00
8322	.do.	B. S. Radcliffe.	.do.	150 00
8323	.do.	C. F. Geiger.	.do.	40 00
8324	.do.	I. O. Baker.	.do.	333 33
8325	.do.	B. L. Bowling.	.do.	83 33
8326	.do.	N. B. Garver.	.do.	141 66
8327	.do.	A. B. McDaniel.	.do.	229 16
8328	.do.	J. E. Smith.	.do.	150 00
8329	.do.	C. C. Wiley.	.do.	141 66
8330	.do.	W. M. Wilson.	.do.	208 33
8331	.do.	F. H. Newell.	.do.	416 66
8332	.do.	C. A. Ellis.	.do.	250 00
8333	.do.	G. W. Pickels.	.do.	150 00
8334	.do.	W. H. Raynor.	.do.	140 00
8335	.do.	R. E. Davis.	.do.	140 00
8336	.do.	C. S. Sale.	.do.	125 00
8337	.do.	P. S. Biegler.	.do.	183 33
8338	.do.	Morgan Brooks.	.do.	250 00
8339	.do.	I. W. Fisk.	.do.	150 00
8340	.do.	L. V. James.	.do.	150 00
8341	.do.	E. B. Paine.	.do.	291 66

## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
8342	June 20 1916	E. H. Waldo	Salary	\$166 66
8343	do.	C. R. Moore	do.	141 66
8344	do.	A. R. Knight	do.	141 66
8345	do.	J. W. Davis	do.	140 00
8346	do.	H. W. Miller	do.	200 00
8347	do.	F. M. Porter	do.	133 33
8348	do.	R. K. Steward	do.	166 66
8349	do.	H. H. Jordan	do.	133 33
8350	do.	Rutus Crane	do.	100 00
8351	do.	C. A. Atwell	do.	100 00
8352	do.	R. E. Murphy	do.	80 00
8353	do.	M. T. Banks	do.	291 66
8354	do.	B. W. Benedict	do.	150 00
8355	do.	J. A. Dent	do.	91 66
8356	do.	J. A. Fisk	do.	250 00
8357	do.	O. A. Lettwiler	do.	458 32
8358	do.	C. R. Richards	do.	225 00
8359	do.	A. C. Willard	do.	160 00
8360	do.	H. W. Waterfall	do.	130 00
8361	do.	Edwin Frank	do.	120 00
8362	do.	R. T. Latham	do.	150 00
8363	do.	R. E. Kennedy	do.	150 00
8364	do.	G. H. Kadebaugh	do.	150 00
8365	do.	G. A. Gross	do.	120 00
8366	do.	J. H. Hogue	do.	150 00
8367	do.	J. A. De Turk	do.	90 00
8368	do.	P. M. Duncan	do.	90 00
8369	do.	J. Keenan	do.	130 00
8370	do.	H. S. McDowell	do.	140 00
8371	do.	A. C. Harper	do.	150 00
8372	do.	R. E. Holmson	do.	229 16
8373	do.	E. H. Holbrook	do.	146 66
8374	do.	H. H. Stock	do.	150 00
8375	do.	A. C. Chell	do.	208 33
8376	do.	M. J. Engel	do.	130 00
8377	do.	V. R. Fleming	do.	166 66
8378	do.	F. B. Seeley	do.	150 00
8379	do.	G. P. Bourslier	do.	120 00
8380	do.	N. E. Engsten	do.	141 66
8381	do.	H. E. Barbitt	do.	150 00
8382	do.	Harry Gardner	do.	150 00
8383	do.	Alexander Vallance	do.	183 32
8384	do.	W. J. Putnam	do.	250 00
8385	do.	C. E. Noernberg	do.	80 00
8386	do.	C. T. Knipp	do.	75 00
8387	do.	Jakob Krutz	do.	50 00
8388	do.	W. F. Schmitz	do.	110 00
8389	do.	E. H. Williams	do.	50 00
8390	do.	F. R. Watson	do.	166 66
8391	do.	W. H. Hyslop	do.	166 66
8392	do.	E. H. Warner	do.	80 00
8393	do.	C. F. Hill	do.	105 00
8394	do.	J. B. Nathanson	do.	100 00
8395	do.	C. S. Fazel	do.	75 00
8396	do.	O. A. Randolph	do.	50 00
8397	do.	P. L. Bayley	do.	110 00
8398	do.	Sebastian Karret	do.	50 00
8399	do.	A. M. Buck	do.	80 00
8400	do.	A. F. Constock	do.	166 66
8401	do.	E. C. Schmidt	do.	166 66
8402	do.	J. M. Snodgrass	do.	80 00
8403	do.	K. C. Babcock	do.	208 33
8404	do.	E. J. Lake	do.	458 33
8405	do.	May M. Wetmore	do.	208 33
8406	do.	G. E. Bradbury	do.	208 33
8407	do.	G. E. Forbes	do.	150 00
8408	do.	Joel Stebbins	do.	150 00
8409	do.	L. A. Weid	do.	291 66
8410	do.	F. W. Reed	do.	50 00
8411	do.	C. F. Hottes	do.	140 00
8412	do.	F. L. Stevens	do.	250 00
8413	do.	Wm. Trelease	do.	333 33
8414	do.	Stella M. Hague	do.	416 66
8415	do.	W. B. McDougall	do.	110 00
8416	do.	Rosalie Parr	do.	140 00
8417	do.	Nora F. Dalbey	do.	80 00
8418	do.	B. E. Quick	do.	60 00
8419	do.	do.	do.	60 00

## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
8420	June 20 1916	R. L. Davis.	Salary.	\$ 50 00
8421	do.	W. E. Pickler.	do.	50 00
8422	do.	H. D. Clayberg.	do.	50 00
8423	do.	L. E. Miles.	do.	50 00
8424	do.	W. S. Beach.	do.	50 00
8425	do.	H. D. Waggoner.	do.	50 00
8426	do.	Esther Young.	do.	50 00
8427	do.	F. E. Kempton.	do.	170 00
8428	do.	J. A. Sperry.	do.	120 00
8429	do.	F. W. Tanner.	do.	50 00
8430	do.	G. H. Gross.	do.	50 00
8431	do.	Reece Edwards.	do.	270 83
8432	do.	C. W. Balke.	do.	191 68
8433	do.	C. G. Derrick.	do.	468 38
8434	do.	W. A. Noyes.	do.	166 66
8435	do.	S. W. Farr.	do.	166 66
8436	do.	G. M. Smith.	do.	166 66
8437	do.	H. C. F. Weber.	do.	153 35
8438	do.	G. D. Beal.	do.	153 35
8439	do.	B. S. Hopkins.	do.	153 35
8440	do.	D. A. MacLimes.	do.	200 00
8441	do.	D. F. McFarland.	do.	153 35
8442	do.	H. B. Lewis.	do.	153 35
8443	do.	C. H. Brodison.	do.	140 00
8444	do.	C. H. Hecker.	do.	120 00
8445	do.	Jessie Cain.	do.	120 00
8446	do.	H. L. Olin.	do.	120 00
8447	do.	G. W. Sears.	do.	150 00
8448	do.	Faul Anders.	do.	60 00
8449	do.	H. C. Krenens.	do.	60 00
8450	do.	E. A. Rees.	do.	60 00
8451	do.	R. E. Charlton.	do.	60 00
8452	do.	R. W. Hess.	do.	60 00
8453	do.	Floyd Howard.	do.	60 00
8454	do.	S. E. Rhinore.	do.	60 00
8455	do.	R. H. Vauvelier.	do.	50 00
8456	do.	S. S. Skinner.	do.	50 00
8457	do.	R. H. Vauvelier.	do.	50 00
8458	do.	I. T. Ford.	do.	50 00
8459	do.	F. T. Ford.	do.	50 00
8460	do.	I. M. Boham.	do.	50 00
8461	do.	A. W. Owens.	do.	50 00
8462	do.	R. O. Warren.	do.	50 00
8463	do.	D. W. Bassell.	do.	50 00
8464	do.	C. N. Davidson.	do.	50 00
8465	do.	W. G. Kerr.	do.	35 00
8466	do.	H. R. Lee.	do.	30 00
8467	do.	I. K. Reed.	do.	30 00
8468	do.	Ruth E. Okey.	do.	30 00
8469	do.	H. A. Winkelmann.	do.	30 00
8470	do.	L. A. Reynolds.	do.	30 00
8471	do.	H. J. Beattie.	do.	30 00
8472	do.	Mary V. Biell.	do.	30 00
8473	do.	L. F. Yufema.	do.	30 00
8474	do.	W. R. Bruce.	do.	30 00
8475	do.	Lois Jordan.	do.	30 00
8476	do.	R. W. Harford.	do.	30 00
8477	do.	Margaret Perry.	do.	30 00
8478	do.	Helen Undergraff.	do.	30 00
8479	do.	A. R. Powell.	do.	10 00
8480	do.	R. W. Morgan.	do.	10 00
8481	do.	G. A. Wrisley.	do.	10 00
8482	do.	A. M. Landstrom.	do.	10 00
8483	do.	F. C. Hahn.	do.	10 00
8484	do.	J. B. Brown.	do.	30 00
8485	do.	H. J. Welland.	do.	60 00
8486	do.	L. S. Wells.	do.	30 00
8487	do.	Gerard van Rossen.	do.	120 00
8488	do.	J. H. Olevette.	do.	30 00
8489	do.	J. F. G. Hicks.	do.	50 00
8490	do.	Carl Zelle.	do.	10 00
8491	do.	L. Adler.	do.	10 00
8492	do.	R. W. Thippett.	do.	50 00
8493	do.	S. C. Taylor.	do.	50 00
8494	do.	N. O. Taylor.	do.	80 00
8495	do.	O. N. Hultman.	do.	10 00
8496	do.	do.	do.	10 00
8497	do.	L. C. Johnson.	do.	120 00

## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
8498	1916 June 20	W. S. Hawthorne	Salary	\$ 10 00
8499	do	H. E. French	do	30 00
8500	do	F. O. Anderegg	do	90 00
8501	do	J. J. Barton	do	291 66
8502	do	H. V. Canter	do	225 00
8503	do	C. M. Moss	do	250 00
8504	do	A. S. Pease	do	250 00
8505	do	R. P. Robinson	do	30 00
8506	do	W. C. Bagley	do	229 16
8507	do	C. H. Johnston	do	312 50
8508	do	W. S. Miller	do	166 66
8509	do	G. M. Whipple	do	270 83
8510	do	J. C. Brown	do	291 66
8511	do	Harriet J. Berninger	do	50 00
8512	do	Margaret Cobb	do	50 00
8513	do	B. F. Pettinger	do	240 00
8514	do	E. C. Baldwin	do	175 00
8515	do	T. A. Clark	do	41 66
8516	do	D. K. Dodge	do	270 83
8517	do	Edw. Fulton	do	175 00
8518	do	H. S. V. Jones	do	183 33
8519	do	H. G. Paul	do	208 33
8520	do	F. W. Scott	do	208 33
8521	do	C. H. Woolbert	do	166 66
8522	do	Jacob Zeitlin	do	158 33
8523	do	H. L. Creek	do	125 00
8524	do	C. V. Boyer	do	141 66
8525	do	Gertrude Schoepperle	do	115 55
8526	do	Martha J. Kyle	do	25 00
8527	do	E. S. Alden	do	120 00
8528	do	Clarissa Rinaker	do	130 00
8529	do	L. H. Harris	do	120 00
8530	do	R. E. Tjeje	do	120 00
8531	do	E. S. Jones	do	130 00
8532	do	W. E. Schultz	do	120 00
8533	do	Allene Gregory	do	120 00
8534	do	S. B. Hastvedt	do	120 00
8535	do	R. S. Loomis	do	120 00
8536	do	Sada A. Harbarger	do	100 00
8537	do	Ruth Kelso	do	100 00
8538	do	T. B. Stanley	do	100 00
8539	do	L. R. Sarett	do	120 00
8540	do	R. E. Dixon	do	120 00
8541	do	C. B. Beck	do	50 00
8542	do	Myrtle Cruzan	do	50 00
8543	do	H. M. Hillebrand	do	150 00
8544	do	C. N. Thurber	do	60 00
8545	do	R. C. Whitford	do	110 00
8546	do	E. G. Sutcliffe	do	110 00
8547	do	H. F. Harrington	do	166 66
8548	do	J. M. Phelps	do	100 00
8549	do	R. B. Weirick	do	120 00
8550	do	Beatrice Copley	do	50 00
8551	do	M. J. Curl	do	140 00
8552	do	H. T. Baker	do	120 00
8553	do	J. W. Folsom	do	208 33
8554	do	S. A. Forbes	do	83 33
8555	do	A. D. MacGillivray	do	250 00
8556	do	Edna Mosher	do	100 00
8557	do	C. C. Hamilton	do	30 00
8558	do	R. D. Glasgow	do	140 00
8559	do	W. S. Bayley	do	250 00
8560	do	C. W. Rolfe	do	250 00
8561	do	T. E. Savage	do	225 00
8562	do	C. S. Ross	do	60 00
8563	do	H. M. DuBois	do	60 00
8564	do	M. K. Read	do	50 00
8565	do	F. M. Van Tuye	do	120 00
8566	do	L. E. Kennedy	do	40 00
8567	do	N. C. Brooks	do	208 33
8568	do	G. T. Flom	do	233 33
8569	do	O. E. Lessing	do	291 66
8570	do	Leonard Bloomfield	do	166 66
8571	do	J. E. Gillet	do	133 33
8572	do	Daisy Blaisdell	do	110 00
8573	do	C. A. Williams	do	150 00
8574	do	A. H. Koller	do	150 00



## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
8576	June 20 1916	H. W. Puckett.	Salary.	\$150 00
8576	do.	H. W. Nordmeyer.	do.	130 00
8577	do.	E. K. Kline.	do.	120 00
8578	do.	Alexander Greene.	do.	150 00
8579	do.	C. W. Alvord.	do.	145 83
8580	do.	C. B. Greene.	do.	416 66
8581	do.	A. H. Lydyer.	do.	233 33
8582	do.	W. S. Robertson.	do.	208 33
8583	do.	F. V. B. Jones.	do.	150 00
8583	do.	T. C. Pease.	do.	125 00
8584	do.	A. C. Cole.	do.	150 00
8585	do.	Elizabeth Brush.	do.	100 00
8587	do.	Joe Gauger.	do.	40 00
8588	do.	T. E. Miller.	do.	60 00
8589	do.	R. L. Borger.	do.	125 00
8590	do.	A. R. Chalhorne.	do.	166 66
8591	do.	Arnold Linn.	do.	187 50
8592	do.	E. B. Lytle.	do.	150 00
8593	do.	G. A. Miller.	do.	291 66
8594	do.	H. L. Kietz.	do.	158 33
8595	do.	J. B. Shaw.	do.	250 00
8596	do.	C. H. Sissin.	do.	183 33
8597	do.	G. E. Walin.	do.	125 00
8598	do.	R. D. Carmichael.	do.	183 33
8599	do.	A. J. Kemper.	do.	208 33
8600	do.	W. W. Denton.	do.	140 00
8601	do.	E. V. Chittenden.	do.	140 00
8602	do.	C. W. Wilson.	do.	120 00
8603	do.	G. W. Smith.	do.	60 00
8604	do.	W. H. Wilson.	do.	60 00
8605	do.	LeRhone Borden.	do.	60 00
8606	do.	H. D. Fray.	do.	60 00
8607	do.	J. S. Beckley.	do.	80 00
8608	do.	H. H. Bishall.	do.	60 00
8609	do.	W. E. Rohlf.	do.	60 00
8610	do.	C. F. Green.	do.	30 00
8611	do.	A. H. Daniels.	do.	383 33
8612	do.	Queen Shepherd.	do.	150 00
8613	do.	Carl Hesser.	do.	216 66
8614	do.	W. E. Burre.	do.	116 66
8615	do.	J. H. Beary.	do.	60 00
8616	do.	Alma J. Neill.	do.	235 25
8617	do.	J. W. Garner.	do.	369 00
8618	do.	J. M. Matthews.	do.	291 66
8619	do.	J. A. Fairlie.	do.	180 00
8620	do.	R. M. Storey.	do.	120 00
8621	do.	R. E. Cushman.	do.	270 83
8622	do.	Madison Bentley.	do.	150 00
8623	do.	C. A. Ruckmich.	do.	35 00
8624	do.	Carl Rahn.	do.	150 00
8625	do.	Sophie Rogers.	do.	35 00
8626	do.	Gerald Wichman.	do.	50 00
8627	do.	Kenneth McKenzie.	do.	333 33
8628	do.	D. H. Carnahan.	do.	225 00
8629	do.	J. D. Fitzgerald.	do.	250 00
8630	do.	T. E. Oliver.	do.	166 66
8631	do.	A. R. Seymour.	do.	120 00
8632	do.	D. S. Blondheim.	do.	100 00
8633	do.	C. S. Carry.	do.	100 00
8634	do.	Louis Allen.	do.	100 00
8635	do.	James Kessler.	do.	100 00
8636	do.	Rafel Soto.	do.	100 00
8637	do.	E. R. Dawson.	do.	100 00
8638	do.	H. K. Stone.	do.	141 66
8639	do.	O. H. Moore.	do.	80 00
8640	do.	J. R. Shulters.	do.	100 00
8641	do.	C. J. B. Laguardia.	do.	275 00
8642	do.	E. C. Hayes.	do.	150 00
8643	do.	J. G. Stevens.	do.	50 00
8644	do.	Gordon Watkins.	do.	291 66
8645	do.	J. S. Kingsley.	do.	250 00
8646	do.	Frank Smith.	do.	166 66
8647	do.	Chas. Zeleny.	do.	140 00
8648	do.	V. E. Sheldorf.	do.	60 00
8649	do.	H. J. Van Cleave.	do.	60 00
8650	do.	H. G. May.	do.	60 00
8651	do.	Bessie Green.	do.	60 00
8652	do.	Jessie Conel.	do.	60 00

## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1916			
8653	June 20	E. B. Powers.....	Salary.....	\$ 60 00
8654	..do..	T. B. Magath.....	..do.....	35 00
8655	..do..	G. M. Higgins.....	..do.....	35 00
8656	..do..	Rachel Baumgartner.....	..do.....	35 00
8657	..do..	H. V. Heimberger.....	..do.....	60 00
8658	..do..	R. H. Kingman.....	..do.....	35 00
8659	..do..	Frances M. Baldwin.....	..do.....	100 00
8660	..do..	J. E. Kindred.....	..do.....	30 00
8661	..do..	Katherine H. Paul.....	..do.....	120 00
8662	..do..	Robt. Schmidt.....	..do.....	75 00
8663	June 22	J. H. Checkley.....	..do.....	116 66
8664	..do..	R. E. Hieronymus.....	..do.....	125 00
8665	..do..	A. W. Jamison.....	..do.....	208 33
8666	..do..	A. W. Nolan.....	..do.....	209 00
8667	..do..	F. H. Rankin.....	..do.....	291 66
8668	..do..	I. W. Dickerson.....	..do.....	150 00
8669	..do..	E. T. Ebersol.....	..do.....	100 00
8670	..do..	K. J. T. Eckblaw.....	..do.....	150 00
8671	..do..	F. A. Fisher.....	..do.....	133 33
8672	..do..	A. F. Gustafson.....	..do.....	200 00
8673	..do..	C. G. Hopkins.....	..do.....	458 33
8674	..do..	M. E. Jahr.....	..do.....	133 33
8675	..do..	J. G. Mosier.....	..do.....	333 33
8676	..do..	C. R. Newell.....	..do.....	116 66
8677	..do..	W. R. Schoonover.....	..do.....	100 00
8678	..do..	E. H. Walworth.....	..do.....	100 00
8679	..do..	A. L. Whiting.....	..do.....	175 00
8680	..do..	C. O. Reed.....	..do.....	133 33
8681	..do..	J. L. Edmonds.....	..do.....	233 33
8682	..do..	Claude Harper.....	..do.....	83 33
8683	..do..	H. W. Mumford.....	..do.....	416 66
8684	..do..	J. W. Whisenand.....	..do.....	100 00
8685	..do..	W. C. Coffey.....	..do.....	94 62
8686	..do..	R. R. Snapp.....	..do.....	141 66
8687	..do..	M. E. Slater.....	..do.....	83 33
8688	..do..	W. G. Kammlade.....	..do.....	41 66
8689	..do..	Gilbert Gusler.....	..do.....	180 00
8690	..do..	W. A. Morkel.....	..do.....	25 00
8691	..do..	J. B. Rice.....	..do.....	75 00
8692	..do..	P. W. Allen.....	..do.....	83 33
8693	..do..	W. J. Fraser.....	..do.....	145 83
8694	..do..	H. A. Harding.....	..do.....	416 66
8695	..do..	L. R. Lang.....	..do.....	200 00
8696	..do..	N. W. Hepburn.....	..do.....	208 33
8697	..do..	H. D. Brown.....	..do.....	83 33
8698	..do..	J. C. Blair.....	..do.....	416 66
8699	..do..	S. J. Bole.....	..do.....	150 00
8700	..do..	C. S. Crandall.....	..do.....	291 66
8701	..do..	H. B. Dörner.....	..do.....	250 00
8702	..do..	F. N. Evans.....	..do.....	150 00
8703	..do..	J. J. Gardner.....	..do.....	166 66
8704	..do..	J. W. Lloyd.....	..do.....	145 83
8705	..do..	C. M. Robinson.....	..do.....	150 00
8706	..do..	R. R. Root.....	..do.....	233 33
8707	..do..	B. S. Pickett.....	..do.....	258 34
8708	..do..	W. S. Brock.....	..do.....	83 33
8709	..do..	F. L. Venning.....	..do.....	120 00
8710	..do..	Julia Harper.....	..do.....	75 00
8711	..do..	Isabel Bevier.....	..do.....	291 66
8712	..do..	Georgia Fleming.....	..do.....	100 00
8713	..do..	Cora E. Gray.....	..do.....	125 00
8714	..do..	Florence Harrison.....	..do.....	125 00
8715	..do..	Maude Pearsons.....	..do.....	141 66
8716	..do..	Lurene Seymour.....	..do.....	166 66
8717	..do..	Margaret Stanton.....	..do.....	116 66
8718	..do..	Grace Stevens.....	..do.....	116 66
8719	..do..	Ruth Wheeler.....	..do.....	166 66
8720	..do..	Anna Williams.....	..do.....	100 00
8721	..do..	Leona Hope.....	..do.....	125 00
8722	..do..	Gretta Gray.....	..do.....	108 33
8723	..do..	Bessie Packard.....	..do.....	75 00
8724	..do..	Clifford Bauer.....	..do.....	45 00
8725	..do..	Elizabeth Muhleman.....	..do.....	50 00
8726	..do..	County Treasurer, Champaign County	Taxes.....	127 89
8727	..do..	V. V. Phelps.....	Travelling expenses.....	25 21
8728	..do..	Fanny W. Hill.....	Salary.....	50 00
8729	..do..	Hudson Bay Co.....	Letters of credit.....	1,500 00
8730	..do..	Eberhard Faber Co.....	Pencils.....	4 04

## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1916			
8731	June 22	United States Blue Print Paper Co.	Paper.	\$ 2 11
8732	.do.	Irving Pitt Mfg. Co.	Office supplies	30 25
8733	.do.	A. C. McClurg & Co.	.do.	7 70
8734	.do.	Remington Typewriter Co.	Carbon black	37 50
8735	.do.	Flanigan-Pearson Co.	Envelopes, pads	10 50
8736	.do.	D. H. Lloyd.	Office supplies	173 53
8737	.do.	L. R. Lang.	Traveling expenses	8 49
8738	.do.	J. L. Rich.	Salary (part)	83 92
8739	.do.	M. E. Thompson, Cashier	Labor.	657 95
8740	.do.	N. W. Hepburn	Traveling expenses	9 44
8741	.do.	J. B. Andrews	.do.	13 20
8742	.do.	W. E. Johns	.do.	8 44
8743	.do.	W. W. Wilson	.do.	25 93
8744	.do.	M. E. Thompson, Cashier	Miscellaneous	11 67
8745	.do.	M. E. Thompson, Cashier	.do.	25 75
8746	.do.	M. E. Thompson, Cashier	.do.	212 12
8747	.do.	J. D. White	Envelopes	64 48
8748	.do.	Winona C. Hyland	Wages	70 00
8749	.do.	H. B. Ingalls	.do.	32 50
8750	.do.	J. W. Butler Paper Co.	Envelopes	58 02
8751	.do.	Big Four Ry., Urbana	Freight	17 32
8752	.do.	Illinois Traction System	.do.	21 00
8753	.do.	Wabash Ry. Co., Urbana	.do.	31 67
8754	June 23	R. C. Wagner & Sons	Wages	45 75
8755	.do.	M. E. Thompson, Cashier	Miscellaneous	15 40
8756	.do.	M. E. Thompson, Cashier	.do.	94 63
8757	.do.	M. E. Thompson, Cashier	.do.	29 70
8758	.do.	M. E. Thompson, Cashier	.do.	189 50
8759	.do.	Illinois Engineering Co.	Vacuum valves	39 00
8760	.do.	Standard Oil Co.	Gasoline	12 95
8761	.do.	United Lead Co.	One coil	18 19
8762	.do.	Taylor Hardware Co.	Brads	1 15
8763	.do.	S. E. Dillavou	Bale ties	3 00
8764	.do.	Central Electric Co.	Hickeys.	1 44
8765	.do.	Corbin Cabinet Lock Co.	Keys	6 56
8766	.do.	Illinois State Reformatory	Printing	42 15
8767	.do.	Post office	Postage	3 00
8768	.do.	J. B. Casserly	Wages	50 00
8769	.do.	National Metal Molding Co.	General supplies	15 64
8770	.do.	First National Bank	Credit of University creamery	85 55
8771	.do.	Big Four Ry., Champaign	Freight	13 82
8772	.do.	Weis Mfg. Co.	Office supplies	15 10
8773	.do.	Irving Pitt Mfg. Co.	.do.	11 40
8774	.do.	A. C. McCurg & Co.	.do.	7 63
8775	.do.	University of Illinois Supply Store	.do.	4 59
8776	.do.	First National Bank	Credit of University creamery	225 29
8777	.do.	American Clip Co.	Office supplies	17 50
8778	.do.	Remington Typewriter Co.	Carbon	37 50
8779	.do.	Tower Mfg. & Novelty Co.	Office supplies	4 95
8780	.do.	J. M. Hanson Bennett Magazine Agency	Books	8 60
8781	.do.	Preston & Rorends Co.	.do.	4 50
8782	.do.	Elizabeth Collom	Wages	35 00
8783	.do.	C. S. Rhode	Expert service	75 00
8784	.do.	Lloyd R. Caldwell	.do.	50 00
8785	.do.	T. H. Lloyd	.do.	50 00
8786	.do.	W. W. Wilson	.do.	50 00
8787	.do.	Wabash Ry. Co., Urbana	Freight	16 01
8788	.do.	Chicago Savings Bank & Trust Co.	Interest and taxes	1,837 01
8789	.do.	Illinois Central R. R.	Freight	8 74
8790	.do.	Illinois Traction System	.do.	99 50
8791	.do.	Big Four Ry., Urbana	.do.	44 51
8792	.do.	Lewis E. Larson, Secretary Board of Education	Interest	1,400 00
8793	.do.	Dr. Frank B. Earle	.do.	3,270 00
8794	June 24	A. C. Eycleshmyer	Salary	416 66
8795	.do.	T. S. Jones	.do.	82 33
8796	.do.	R. L. Moodie	.do.	166 66
8797	.do.	Louis Boeho	.do.	80 00
8798	.do.	Morris Kramer	.do.	60 00
8799	.do.	V. E. Emmel	.do.	162 00
8800	.do.	W. H. Welker	.do.	250 00
8801	.do.	C. S. Smith	.do.	166 66
8802	.do.	J. C. Small	.do.	50 00
8803	.do.	A. C. D'Vorak	.do.	50 00
8804	.do.	H. H. Strauch	.do.	83 33
8805	.do.	P. A. Ohlson	.do.	50 00
8806	.do.	E. L. Faamay	.do.	75 00
8807	.do.	W. H. Burmeister	.do.	166 66

## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
8808	1916			
8809	June 24	T. H. Boughton.....	Salary.....	\$150 00
8809	do.	D. J. Davis.....	do.....	208 33
8810	do.	Amy G. Weedon.....	do.....	70 00
8811	do.	Esther K. Voss.....	do.....	40 00
8812	do.	G. P. Dreyer.....	do.....	333 33
8813	do.	Howard Curl.....	do.....	55 55
8814	do.	R. G. Pearce.....	do.....	229 16
8815	do.	George Hiskey.....	do.....	45 00
8816	do.	Bernard Fantus.....	do.....	166 66
8817	do.	A. O. Shackles.....	do.....	166 66
8818	do.	W. E. Simonds.....	do.....	50 00
8819	do.	O. E. Nadeau.....	do.....	50 00
8820	do.	F. B. Moorehead.....	do.....	166 66
8821	do.	F. B. Noye.....	do.....	125 00
8822	do.	C. W. Wells.....	do.....	50 00
8823	do.	J. C. McGuire.....	do.....	200 00
8824	do.	E. D. Cooledge.....	do.....	83 33
8825	do.	L. E. Bake.....	do.....	50 00
8826	do.	D. M. Gallie.....	do.....	83 33
8827	do.	M. W. Deist.....	do.....	100 00
8828	do.	E. J. Krejci.....	do.....	100 00
8829	do.	F. B. Moorehead.....	do.....	83 33
8830	do.	F. S. Bernard.....	do.....	58 33
8831	do.	Louis Schultz.....	do.....	41 66
8832	do.	G. W. Dittmar.....	do.....	83 33
8833	do.	S. F. Starr.....	do.....	50 00
8834	do.	John S. Grimson.....	do.....	60 00
8835	do.	C. H. Bramwell.....	do.....	60 00
8836	do.	Vacuum Oil Co.....	Oil.....	110 86
8837	do.	American Hardware Corporation.....	Hardware.....	100 94
8838	do.	F. E. Gates Marble & Tile Co.....	Wages.....	29 00
8839	do.	Eugene Dietzgen Co.....	Office supplies.....	10 39
8840	do.	Irving Pitt Mfg. Co.....	do.....	4 58
8841	do.	University of Illinois Supply Store.....	do.....	2 06
8842	do.	William Wirt.....	Lecture.....	100 00
8843	do.	Arthur Erickson.....	Wages.....	30 00
8844	do.	R. J. Fitzsimons.....	Autochrom plates.....	7 20
8845	do.	Anseo Co.....	Photograph supplies.....	16 34
8846	do.	Keuffel & Esser Co.....	Blue printing.....	4 50
8847	do.	Frederick Post Co.....	do.....	38 52
8848	June 26	Alexander Lumber Co.....	Lumber.....	98 67
8849	do.	Stipes & Hecker.....	Cement, lime, reing steel.....	94 62
8850	do.	Taylor Hardware Co.....	General supplies.....	33 28
8851	do.	Twin City Roofing Co.....	Conductors.....	63 40
8852	do.	S. E. Huff & Co.....	Fence, lumber.....	166 85
8853	do.	The Burr Co.....	Castings, etc.....	52 19
8854	do.	Chas. A. Hall Hardware Co.....	Hardware.....	1 50
8855	do.	Hunter Rourke & Co.....	Lumber.....	37 35
8856	do.	Leavitt Mfg. Co.....	Angles.....	15 95
8857	do.	Meneley & Ross Co.....	Hardware.....	6 40
8858	do.	The Caldwell Co.....	Electric fixtures.....	205 50
8859	do.	George Strobe.....	Awning, repairing tarpaul.....	6 00
8860	do.	Burdett-Rowntree Mfg.....	Resistance tubes.....	2 56
8861	do.	W. A. Johnson.....	Brushes.....	2 40
8862	do.	J. F. Fidler Motor Co.....	Auto repairs.....	47 80
8863	do.	Central Scientific Co.....	Zinc rods.....	6 05
8864	do.	E. H. Sargent & Co.....	Laboratory supplies.....	5 13
8865	do.	Illinois State Reformatory.....	Printing.....	22 25
8866	do.	First National Bank.....	Credit of University creamery.....	178 02
8867	do.	Inman Hotel.....	Traveling expenses.....	2 00
8868	do.	Ernst Hertzberg & Sons.....	Books.....	105 38
8869	do.	F. M. Porter.....	Expert service.....	56 55
8870	do.	Frat Confectionery.....	Food.....	128 10
8871	do.	Rieckhoff Bakery.....	do.....	14 56
8872	do.	B. A. Raitlon Co.....	do.....	10 35
8873	do.	Twin City Ice & Cold Storage.....	Laboratory supplies.....	8 00
8874	do.	E. C. Kent.....	Gasoline.....	10 18
8875	do.	Henry E. Tufts.....	Labels.....	1 00
8876	do.	T. H. Craig.....	Repairs on stop watch.....	2 00
8877	do.	Engineering record.....	Incidentals.....	1 50
8878	do.	Terre Haute Engraving Co.....	Publications.....	13 27
8879	do.	J. W. Butler Paper Co.....	Office supplies.....	4 80
8880	do.	American Pharmaceutical Association.....	Advertising.....	9 00
8881	do.	The Buckeye Stamping Co.....	General supplies.....	10 00
8882	do.	Economy Rug Co.....	Furniture repairs.....	13 15
8883	do.	Charles Mollet.....	General supplies.....	18 95
8884	do.	Standard Oil Co.....	Gasoline.....	18 50
8885	do.	Armstrong Cork Co.....	General supplies.....	14 87

## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1916			
8886	June 26	Peck & Hills Furniture Co.	Furniture and fixtures	\$ 7 25
8887	.do.	Thos. Conron Hardware Co.	Winchester cartridges	2 97
8888	.do.	The Globe-Vernicke Co.	Furniture and fixtures	9 60
8889	.do.	W. R. Jones	Traveling expenses	9 20
8890	.do.	G. E. Stechert & Co.	Books	1,228 68
8891	June 27	M. E. Thompson, Cashier	Miscellaneous	10 50
8892	.do.	Taylor Hardware Co.	General supplies	7 70
8893	.do.	Elmer & Amend	Laboratory supplies	682 89
8894	.do.	Marie Freeman	Salary, June	66 25
8895	.do.	S. R. Farah	Wages, June	40 20
8896	.do.	L. C. McCaskill	.do.	6 00
8897	.do.	Missouri Botanical Garden	Books	1 30
8898	.do.	Horticulture Publishing Co.	Subscription	1 00
8899	.do.	H. A. Aldrich & Co.	General supplies	138 05
8900	.do.	E. W. Sampson	.do.	2 50
8901	.do.	S. E. Dillavou	Charcoal	12 50
8902	.do.	G. I. Simpson	Live stock	40 00
8903	.do.	Ward Baking Co., J. E. Conaway, S. A.	Feeding stuff	7 61
8904	.do.	International Harvester Co.	Machinery repairs	15 74
8905	.do.	Sanford Mfg. Co.	Office supplies	50 43
8906	.do.	Kuhl & Lochr	General supplies	1 00
8907	.do.	E. E. Smith	Apples	4 30
8908	.do.	New Jersey Entomological Co.	Museum specimens	126 90
8909	.do.	Albert Dickinson Co.	Feed	2 91
8910	.do.	M. E. Thompson, Cashier	Miscellaneous	314 55
8911	.do.	M. E. Thompson, Cashier	.do.	203 50
8912	.do.	M. E. Thompson, Cashier	.do.	405 10
8913	.do.	M. E. Thompson, Cashier	.do.	132 10
8914	.do.	M. E. Thompson, Cashier	.do.	2 54
8915	.do.	M. E. Thompson, Cashier	.do.	45 60
8916	.do.	M. E. Thompson, Cashier	.do.	77 43
8917	.do.	H. S. Capron, Treasurer	Material furnished from University storeroom	10,352 23
8918	.do.	H. S. Capron, Treasurer	.do.	1,341 04
8919	.do.	H. S. Capron, Treasurer	.do.	70 52
8920	.do.	First National Bank	Credit of University cream	110 55
8921	.do.	Harvard College Library	General supplies	21 32
8922	.do.	Thos. Conron Hardware Co.	Office equipment	10 25
8923	.do.	Parrett Tractor Co.	Tractor	827 90
8924	.do.	Illinois State Reformatory	Printing	7 10
8925	.do.	Auto Supply Co.	General supplies	3 08
8926	.do.	K. D. Horrall Hardware Co.	.do.	2 10
8927	.do.	E. H. Sargent & Co.	Laboratory supplies	3 54
8928	.do.	H. A. Ruche	General supplies	18 00
8929	.do.	Belcher & Loomis Hardware Co.	Laboratory supplies	23 50
8930	.do.	Public School Publishing Co.	Advertising	72 00
8931	.do.	L. D. Wilson	General supplies	29 50
8932	.do.	Flanigan-Pearson Co.	Publications	73 34
8933	.do.	Quaker Oats Co.	Feed	3 40
8934	.do.	Richardson Scale Co.	General supplies	262 60
8935	.do.	Stipes & Hecker	Cement	10 25
8936	.do.	Crane Co.	Pressure regulator	27 00
8937	.do.	Green Engineering Co.	Rod head	86
8938	.do.	H. W. Johns-Manville Co.	General supplies	27 75
8939	.do.	Alexander Lumber Co.	Lumber	17 75
8940	.do.	Irving Pitt Mfg. Co.	Office supplies	2 91
8941	.do.	Devoe & Reynolds Co.	General supplies	1 00
8942	.do.	American Type Founders Co.	Type	4 69
8943	.do.	J. W. Butler Paper Co.	Envelopes	11 64
8944	.do.	N. Y. Botanical Garden	Books	1 50
8945	.do.	G. A. Jackson	.do.	5 00
8946	.do.	McDevitt-Wilson's Inc.	.do.	7 00
8947	.do.	J. Fischer & Bro.	.do.	1 96
8948	.do.	C. W. Ritter	.do.	14 30
8949	.do.	University of Illinois Supply Store	.do.	9 45
8950	.do.	Houghton Mifflin Co.	.do.	5 91
8951	.do.	Federal Council of Churches of Christ, in America	.do.	2 00
8952	.do.	Professional Memoirs	.do.	1 00
8953	.do.	University of Chicago Press	.do.	1 20
8954	.do.	Egypt Exploration Fund	.do.	7 80
8955	.do.	Association Press	.do.	1 40
8956	.do.	Railway Fire Protection Association	.do.	1 20
8957	.do.	John Clark Co.	.do.	2 10
8958	.do.	Philip Dowell	.do.	1 14
8959	.do.	Ernst Hertzberg & Sons	.do.	3 56
8960	.do.	D. H. Lloyde	Tuning pianos	25 00
8961	.do.	Jennis E. Barry	Wages	25 00

## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1916			
8962	June 27	J. M. Hanson Bennett Magazine Agency	Books	\$ 3 85
8963	do.	A. C. McClurg & Co.	do	222 67
8964	do.	G. E. Stechert & Co.	do	626 53
8965	do.	Taylor Hardware Co.	General supplies	9 20
8966	do.	John H. Doyle	Machine repairs	2 75
8967	do.	The Burr Co.	Apparatus repairs, general sup- plies	22 75
8968	do.	Eisner Grocery Co.	General supplies	8 38
8969	do.	Chas. E. Mueller	do	1 00
8970	do.	Electric Appliance Co.	Apparatus repairs	10 00
8971	do.	Louis F. Nafis	Laboratory supplies	6 18
8972	do.	Central Scientific Co.	do	3 20
8973	do.	Stipes & Hecker	Cement	2 05
8974	do.	Bradner Smith & Co.	Office supplies	7 81
8975	do.	Sweet-Orr & Co.	General supplies	22 00
8976	do.	Charles A. Hall Hardware Co.	do	5 50
8977	do.	S. E. Huff & Co.	Lumber	42 50
8978	do.	F. K. Robeson	General supplies	9 92
8979	do.	National Carton Co.	Butter cartons	52 26
8980	do.	The Engineering Co.	Machine and tools	265 00
8981	do.	Louden & Flanigan	Printing	23 50
8982	do.	Eastman Salt Products Co.	General supplies	21 31
8983	do.	John Lynch	do	5 10
8984	do.	J. B. Ford Co.	do	31 25
8985	do.	Chas. M. Samson	Office supplies	5 00
8986	do.	J. J. Brennen	Feed	180 60
8987	do.	Irving Pitt Mfg. Co.	Office supplies	4 80
8988	do.	Illinois State Reformatory	Printing	18 00
8989	do.	Frison Bros.	Machine repairs	1 50
8990	do.	A. B. Lyman	Feed	24 00
8991	do.	R. C. Wagner & Sons	General supplies	44 91
8992	do.	Royal A. Stipes	Fencing	2 48
8993	do.	Alexander Lumber Co.	do	35 26
8994	June 28	Holstein-Friesian Assn. of America	Sundries	23 00
8995	do.	Charles Buhs	Feed	14 02
8996	do.	D. H. Lloyd	Furniture and fixtures	47 76
8997	do.	Ayrshire Breeders' Association	Sundries	5 00
8998	do.	First National Bank	Books	2 10
8999	do.	Per. Ott.	Wages	36 00
9000	do.	H. R. Lee	do	50 00
9001	do.	Glen Pergande	do	39 48
9002	do.	Florence E. Watson	Traveling expenses	57 51
9003	do.	C. S. Sal	do	14 09
9004	do.	Graham Taylor	Lecture	25 00
9005	do.	William Wirt	do	25 00
9006	do.	Sidney Teller	do	10 00
9007	do.	G. Broes Van Dort Co.	Books	419 35
9008	do.	Ronald Press Co.	do	5 63
9009	do.	Lencke & Bencher	do	2 74
9010	do.	J. M. Hanson-Bennett Magazine Agency	Subscription	2 00
9011	do.	Houghton Mifflin Co.	Books	2 70
9012	do.	The Macmillan Co.	do	1 20
9013	do.	Callaghan & Co.	do	8 00
9014	do.	Lawyers Cooperative Publishing Co.	do	5 00
9015	do.	Dr. Robert Graham	Traveling expenses	36 12
9016	do.	Swift & Co.	General supplies	14 13
9017	do.	Emil Borgmann	Books	3 28
9018	do.	R. E. Hieronymus	Traveling expenses	57 09
9019	do.	C. F. Harding	June salary	100 00
9020	do.	E. H. Sargent & Co.	Laboratory supplies	42 70
9021	do.	T. E. Savage	Expert services	500 00
9022	do.	Weston Electrical Instrument Co.	Apparatus repairs	1 93
9023	do.	General Electric Co.	Laboratory apparatus	65 14
9024	do.	Illinois Traction System, Urbana	Freight	13 07
9025	do.	Big Four Ry., Urbana	do	36 30
9026	do.	Illinois Central R. R.	do	3 33
9027	do.	Wabash Ry. Co., Urbana	do	38 03
9028	do.	Ernst Hertzberg & Sons	Books	574 89
9029	do.	A. C. McClurg & Co.	do	253 09
9030	do.	H. B. Ward, Treasurer, Senate Lunch Committee	Traveling expenses	16 00
9031	do.	G. E. Stechert & Co.	Books	66 87
9032	do.	Russia Cement Co.	Glue	17 25
9033	do.	Standard Oil Co.	Gasoline	48 10
9034	do.	S. V. Holt	Traveling expenses	72 23
9035	do.	H. J. Snider	Traveling expenses, general sup- plies	20 76
9036	do.	F. W. Garrett	Traveling expenses	20 37

## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1916			
9037	June 28	E. E. Glick	Traveling expenses	\$ 9 23
9038	do.	Dr. Warren H. Wilson	Lectures	10 00
9039	do.	Mr. Lorado Taft	do.	25 00
9040	do.	Dr. Shailer Mathews	do.	25 00
9041	do.	Charles J. Davis	Traveling expenses	7 50
9042	do.	Western Fuel Co.	Coal	106 68
9043	do.	Commonwealth Edison Co.	Electric current	302 05
9044	do.	Watson Faulkner	Gold leaf	1 00
9045	do.	United Lead Co.	Coils	62 49
9045	do.	Cudahy Packing Co.	Soap	20 00
9047	do.	Western Valve Co.	Valves	462 72
9048	do.	Jones & Laughlin Steel Co.	Steel	12 10
9049	do.	Butler Brothers	Wood chair seats	3 52
9050	do.	Geo. B. Carpenter & Co.	General supplies	34 54
9051	do.	Harvey Sellers	Floor dressing	9 50
9052	do.	The Burr Co.	Flange union	1 00
9053	do.	Mr. W. H. Browne	Miscellaneous	304 08
9054	do.	J. Terquem	Books	57 07
9055	do.	Tice & Lynch	Freight	45 77
9056	do.	Boston Book Co.	Books	16 00
9057	do.	C. W. Ritter	do.	3 20
9058	do.	Lawyers Cooperative Publishing Co.	do.	2 50
9059	do.	Callaghan & Co.	do.	10 00
9060	do.	Dominion Government Publications	do.	3 00
9061	do.	Record & Guide Co.	do.	2 00
9062	do.	Ernst Hertzberg & Sons	Publications	1 50
9063	do.	Librairie A. Picard	Books	4 74
9064	do.	Pickering & Chatts	do.	10 32
9065	do.	E. Williams	do.	1 60
9066	do.	Eugene L. Morice	do.	57 72
9067	do.	Edward Baker	do.	158 50
9068	do.	H. Poppelauer	do.	4 60
9069	do.	Otto Lange	do.	230 77
9070	do.	Karl W. Hiersemann	do.	68
9071	do.	P. J. & A. E. Dobell	do.	7 32
9072	do.	B. H. Blackwell	do.	10 17
9073	do.	Mr. Martinus Nijhoff	do.	60 55
9074	do.	Hodges Figgis & Co.	do.	75 35
9075	do.	Librairie Cumin et Masson	do.	15 74
9076	do.	James Thin	do.	3 03
9077	do.	J. M. Hanson-Bennett Magazine Agency	do.	15 55
9078	do.	H. S. Capron, Treasurer	Material furnished from University storeroom	428 77
9079	do.	H. S. Capron, Treasurer	do.	373 49
9080	do.	A. C. McClurg & Co.	Office supplies	31 21
9081	do.	Big Four Ry. Urbana	Freight	44 99
9082	do.	Walrus Mfg. Co.	Laboratory apparatus, furniture and fixtures	554 00
9083	do.	Peck & Hills Furniture Co.	do.	54 58
9084	do.	A. L. Stearns	Wages	57 33
9085	do.	James Cassidy	do.	59 96
9086	do.	Edna Flock	Salary	55 00
9087	do.	First National Bank	Credit of University creamery	272 59
9088	do.	C. L. Frame Dental Supply Co.	Laboratory apparatus	3 19
9089	do.	Royal Typewriter Co.	Office equipment	10 00
9090	do.	Jewell Belting Co.	General supplies	3 65
9091	do.	Illinois Malleable Iron Co.	do.	2 09
9092	do.	Thompson & Jameson	Labor.	36 00
9093	do.	Chas. A. Hall Hardware Co.	General supplies	2 00
9094	do.	Louden & Flanigan	Publications	182 50
9095	do.	Chas. M. Samson	Directory	5 00
9096	do.	Link-Belt Co.	Laboratory apparatus	33 79
9097	do.	Addressograph Co.	Office equipment	508 00
9098	do.	The Tablet & Ticket Co.	Office supplies	1 23
9099	do.	H. Mueller Mfg. Co.	General supplies	5 40
9100	do.	University of Illinois Supply Store	Office equipment, books	16 44
9101	do.	American Can Co.	Office equipment	38 40
9102	do.	Geo. Agle & Sons, Inc.	Feed	553 50
9103	do.	Eisner Grocery Co.	Salt	7 25
9104	do.	C. M. Linsley	General supplies, traveling expenses	14 73
9105	do.	H. Fahrnkopf	Traveling expenses	22 73
9106	do.	F. A. Fisher	do.	58 54
9107	do.	R. W. Dickenson	do.	49 36
9108	do.	Urbana & Champaign Ry., Gas & Electric Co.	Gas	601 71
9109	do.	Joseph Percival	Live stock	107 83
9110	do.	J. G. Mosier	Traveling expenses	8 31

## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1916			
9111	June 28	C. A. Brumley	Wages	\$ 65 00
9112	..do..	T. O. Henderson	..do..	117 60
9113	..do..	Ruthe Murphey	..do..	60 32
9114	..do..	Cevilla Carothers	..do..	60 00
9115	..do..	Norine Fauble	..do..	50 00
9116	..do..	A. O. Magnuson	..do..	90 00
9117	..do..	Elsey B. Gardner	..do..	80 00
9118	..do..	Blanke Mfg. Co. & Supply Co.	Laboratory supplies	13 33
9119	..do..	The Independent	Books, subscription	30 00
9120	..do..	G. E. Stechert & Co.	..do..	248 21
9121	..do..	Twin City Creamery Co.	General supplies	1 00
9122	..do..	A. C. McClurg & Co.	Books	258 36
9123	..do..	A. S. Nelson & Sons	Oleomargarine	25
9124	..do..	J. Fischer & Bro.	Music	1 33
9125	June 29	Edward C. Schmidt	Traveling expenses	123 01
9126	..do..	C. M. Young	..do..	16 64
9127	..do..	Chas. A. Campbell	..do..	12 93
9128	..do..	George W. Medley	Freight, wages	38 60
9129	..do..	Claude Vaughn	..do..	62 09
9130	..do..	Joseph Mosbach	Wages	48 87
9131	..do..	Alf Darit	..do..	88 80
9132	..do..	F. W. Wascher	Traveling expenses	55 47
9133	..do..	H. C. Wheeler	..do..	37 53
9134	..do..	High School Life	Advertising	5 00
9135	..do..	Peoples Gas Light & Coke Co.	Gas	21 44
9136	..do..	Illinois Tree Expert Co.	Labor	100 00
9137	..do..	Ira O. Baker	Traveling expenses	11 28
9138	..do..	B. Login & Son	Books	4 50
9139	..do..	Graham Brothers	Laboratory supplies	3 34
9140	..do..	H. A. Ruehe	Traveling expenses	19 55
9141	..do..	H. H. Dressen	..do..	28 89
9142	..do..	Frank Marshall	..do..	5 61
9143	..do..	Fire Underwriters Assn. of Pacific	Books	17 75
9144	..do..	J. M. Hanson-Bennett Magazine Agency	..do..	1 25
9145	..do..	Prest-O-Lite Co.	Freight	33
9146	..do..	C. H. Stoelting Co.	General supplies, laboratory apparatus	13 80
9147	..do..	E. E. Dallenbach	General supplies	174 55
9148	..do..	Belle City Mfg. Co.	Machine repairs	3 03
9149	..do..	S. E. Dillavou	General supplies, machinery and tools	269 75
9150	..do..	Taylor Hardware Co.	General supplies	59 00
9151	..do..	Johnston Harvester Co.	Freight	5 61
9152	..do..	D. H. Lloyd	Books	31 80
9153	..do..	Hercules Gas Engine Co.	Machinery and tools	130 85
9154	..do..	Narragansett Machine Co.	Laboratory apparatus	249 05
9155	..do..	Pittsburgh Meter Co.	Registers	4 68
9156	..do..	S. E. Huff & Co.	Lumber, coal	774 00
9157	..do..	Twin City Roofing Co.	Roofing, etc.	98 95
9158	..do..	The Burr Co.	General supplies, machinery and tools	95 46
9159	..do..	Hunter Rourke	General supplies	13 65
9160	..do..	Leavitt Mfg. Co.	General supplies, laboratory apparatus	84 40
9161	..do..	C. A. Kiler	Rental of chairs	4 13
9162	..do..	Crane Co.	General supplies	12 69
9163	..do..	J. F. Fidler Motor Co.	Auto repairs	36 00
9164	..do..	Herrick Auto Supply Co.	..do..	3 60
9165	..do..	J. C. Kruse	Rental of chairs	1 80
9166	..do..	Milwaukee Bag Co.	General supplies	28
9167	..do..	Chas. H. Besly & Co.	..do..	3 11
9168	..do..	Flanigan-Pearson Co.	Printing	7 00
9169	..do..	Wm. Rowlands Co.	Lathing and plastering	166 00
9170	..do..	Ernst Leitz	General supplies	109 00
9171	..do..	American Cutlery Co.	Laboratory apparatus	22 50
9172	..do..	F. M. Leslie	Framing pictures	36 15
9173	..do..	Yale & Towne Mfg. Co.	General supplies	14 40
9174	..do..	L. S. Starrett Co.	Laboratory apparatus	49
9175	..do..	Architectural Book Publishing Co.	Books	88 00
9176	..do..	Pittsburgh Plate Glass Co.	Glass	23 60
9177	..do..	Advance Package & Supply Co.	Pilot valve	12 00
9178	..do..	Lyon Metallic Mfg. Co.	Rack	49 75
9179	..do..	W. W. Walls & Co.	Lumber	175 06
9180	..do..	Western Lumber Co.	..do..	1 12
9181	..do..	E. Ocks	Rabbits	9 00
9182	..do..	Barron Bros. Coal Co.	Feed	6 17
9183	..do..	Ahrens & Schreiner	General supplies	130 95
9184	..do..	Century Fuel Co.	Sawdust	9 80



## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1916			
9185	June 29	Arthur Ochs	Rabbits, pigs (guinea)	\$ 27 00
9186	do.	Chicago Medical Book Co.	Books	6 53
9187	do.	Flanagan-Pearson Co.	Publications	1 75
9188	do.	Weston Electrical Instrument Co.	Laboratory apparatus	70 00
9189	do.	Chas. H. Besly & Co.	Laboratory supplies	1 73
9190	do.	H. Fahrnkopf	Miscellaneous	21 34
9191	do.	B. A. Strauch	General supplies	30 08
9192	do.	Rogers, Brown & Co.	Pig iron	385 00
9193	do.	Daily Illini	Incidentals	22
9194	do.	Wm. C. Robinson & Son Co.	General supplies	40 00
9195	do.	Sears, Roebuck & Co.	do.	37 40
9196	do.	First National Bank	Credit of University creamery	195 53
9197	do.	J. M. Lingren	Expert service	35 50
9198	do.	G. S. Moler	Furniture and fixtures	193 80
9199	do.	Samuel Abrams	Office equipment repairs	1 00
9200	do.	Retail Equipment Co.	Books	1 00
9201	do.	Wm. Gaertner & Co.	Laboratory apparatus	14 50
9202	do.	Mechanical Instrument Co.	do.	190 00
9203	do.	Defiance Mfg. Co.	Furniture and fixtures	13 40
9204	do.	Sweet Wallach & Co.	Laboratory apparatus	3 95
9205	do.	Central Scientific Co.	Laboratory supplies	31 50
9206	do.	U. S. Blue Print Paper Co.	Furniture and fixtures	6 18
9207	do.	Postmaster	Postage	150 00
9208	do.	Peck & Hills Furniture Co.	Furniture and fixtures	7 25
9209	do.	John C. Moore Corporation	Office supplies	35 30
9210	do.	G. C. Willis	General supplies	5 76
9211	do.	General Electric Co.	Laboratory supplies	20 40
9212	do.	Crosby Steam Gag & Valve Co.	Laboratory apparatus	400 00
9213	do.	New Era Printing Co.	Publications	3 36
9214	do.	Indianapolis Engraving & Electyping Co.	do.	37 58
9215	do.	M. E. Thompson, Cashier	Labor	584 10
9216	do.	B. G. Four R. Y., Urbana	Freight	33 77
9217	do.	Illinois Traction System, Urbana	do.	348 06
9218	do.	Wabash R. Y. Co., Urbana	do.	16 79
9219	do.	Illinois Central R. R.	do.	33
9220	do.	Illinois Traction System, Champaign	do.	38
9221	June 30	Morris & Co.	Feed	90 00
9222	do.	J. F. Smith	Wages	75 00
9223	do.	A. F. Hornung	Feed	95 00
9224	do.	John H. Bussey	Wages	2 50
9225	do.	L. Morrissey	Feed	20 00
9226	do.	I. S. Brooks	do.	17 50
9227	do.	K. C. Babcock	Traveling expenses	35 00
9228	do.	Senate Luncheon Committee	Incidentals	11 00
9229	do.	The First National Bank	Credit of University creamery	177 93
9230	do.	Twin City Creamery Co.	General supplies	3 00
9231	do.	S. E. Dillavou	Laboratory apparatus	11 00
9232	do.	Jos. C. Bowman	Office equipment	4 15
9233	do.	The Burr Co.	General supplies, machine repairs	100 15
9234	do.	Eisner Grocery Co.	General supplies	1 55
9235	do.	C. C. Logan	Traveling expenses	46 43
9236	do.	Pantagraph Printing & Stationery Co.	Publications	710 13
9237	do.	Alexander Lumber Co.	Lumber	44 22
9238	do.	Irving Pitt Mfg. Co.	Office supplies	5 50
9239	do.	Chas. E. Prentice	Apparatus repairs	6 45
9240	do.	John H. Doyle	Laboratory supplies	1 15
9241	do.	Tablet & Ticket Co.	General supplies	4 53
9242	do.	F. K. Robeson	do.	3 60
9243	do.	U. S. Blue Print Paper Co.	General supplies	92 61
9244	do.	National Carbon Co.	Dry cells	60 00
9245	do.	Allis-Chalmers Mfg. Co.	Centrifugal pumps	760 00
9246	do.	Illinois Central R. R.	Traveling expenses	710 64
9247	do.	Urbana Courier Co.	Publications	2 50
9248	do.	M. E. Thompson, Cashier	Miscellaneous	8 04
9249	do.	M. E. Thompson, Cashier	do.	231 85
9250	do.	M. E. Thompson, Cashier	do.	2 80
9251	do.	M. E. Thompson, Cashier	do.	146 50
9252	do.	Morris G. Munson	Traveling expenses	11 74
9253	do.	Miss E. Barrington	General supplies	6 80
9254	do.	Chicago Daily News	Advertising	3 15
9255	do.	Hamblin Plumbing Co.	Wages	12 00
9256	do.	S. S. White Dental Mfg. Co.	General supplies	60
9257	do.	Western Lumber Co.	Door	7 25
9258	do.	Eiseman & Skon	Wiring	156 00
9259	do.	A. C. McClurg & Co.	General supplies	7 65
9260	do.	V. Mueller & Co.	Apparatus repairs, lab. apparatus	4 75
9261	do.	Rogers & Hall Co.	Printing	3 25
9262	do.	Huntley Dairy Co.	General supplies	3 83

## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1916			
9263	June 30	Pittsburgh Plate Glass Co.	Glass	\$ 7 55
9264	.do.	Western Electric Co.	Furniture and fixtures	58 30
9265	.do.	Kimble-Durand Glass Co.	Glass tubing	3 00
9266	.do.	Fuller Morrisson Co.	General supplies	56 93
9267	.do.	W. H. Salisbury & Co.	.do.	5 97
9268	.do.	E. H. Sargent & Co.	.do.	2 35
9269	.do.	R. G. Freyer	Furniture and fixtures	42 00
9270	.do.	Ahrens & Schreiner	Laboratory supplies.	9 35
9271	.do.	Maas Brothers	General supplies	3 60
9272	.do.	Bradner Smith & Co.	.do.	6 80
9273	.do.	Perdval & Moorehead	Office equipment	4 00
9274	.do.	Albert Bradford	Wages	60 00
9275	.do.	Bausch & Lomb Optical Co.	Laboratory apparatus.	115 20
9276	.do.	Uehling Instrument Co.	Machine and tools.	270 00
9277	.do.	Western Electrical Instrument Co.	Laboratory apparatus.	56 40
9278	.do.	J. C. Gabel	Apparatus repairs	2 50
9279	.do.	A. N. Marquis & Co.	Books.	5 00
9280	.do.	W. W. Walls & Co.	General supplies	19 80
9281	.do.	B. A. Strauch	Books, wages.	36 65
9282	.do.	The Boorum & Pease L. L. Bk. Co.	General supplies	1 18
9283	.do.	Pennsylvania Crusher Co.	Laboratory apparatus.	6 00
9284	.do.	Crogs Engineering Co.	.do.	9 25
9285	.do.	C. A. Klier	Furniture and fixtures	280 00
9286	.do.	R. E. Hieronymus	Traveling expenses	47 70
9287	.do.	Chicago Medical Book Co.	Books.	19 12
9288	.do.	Sears, Roebuck & Co.	.do.	67 75
9289	.do.	A. Kroch & Co.	.do.	33 25
9290	.do.	Yawman & Erbe Mfg. Co.	Furniture and fixtures	18 75
9291	.do.	John Becker	Cats	1 25
9292	.do.	Barron Bros. Coal Co.	Feed	1 29
9293	.do.	Kelso-Burnett Electric Co.	Wiring	39 00
9294	.do.	Peck & Hills Furniture Co.	Furniture and fixtures	4 85
9295	.do.	Marshall Field & Co.	General supplies	4 08
9296	.do.	Dr. Kloppe	Expert service, laboratory appr.	92 00
9297	.do.	D. H. Lloyd	General supplies	2 79
9298	.do.	Central Scientific Co.	.do.	3 80
9299	.do.	Burke & James, Inc.	.do.	1 10
9300	.do.	J. W. Cumeans	.do.	3 60
9301	.do.	Mrs. Ruth M. Hull	.do.	4 60
9302	.do.	Stipes & Hecker	.do.	95
9303	.do.	Flanagan-Pearson Co.	Publications	209 24
9304	.do.	Dr. N. D. Mereness	Expert service	34 98
9305	.do.	Leavitt Mfg. Co.	General supplies	14 80
9306	.do.	R. C. Wagner & Son	Labor	322 71
9307	.do.	Underwood Typewriter Co.	Office equipment	57 50
9308	.do.	Urbana Courier Co.	Publications	3 00
9309	.do.	Fred C. Hubbard	Food	29 29
9310	.do.	Reliable P. & H. Co.	Wells	108 35
9311	.do.	F. M. Leslie	Wages	59 70
9312	.do.	S. E. Huff & Co.	General supplies	19 20
9313	.do.	Calumet Laundry Co.	Laundry	71 01
9314	.do.	Lyon & Healy	Publications	1 54
9315	.do.	Eberhard Faber & Co.	Penholders	7 20
9316	.do.	George Strode	Awning	9 75
9317	.do.	G. E. Stechert & Co.	Books	34 89
9318	.do.	Ernst Hertzberg & Sons	.do.	185 20
9319	.do.	A. C. McClurg & Co.	.do.	44 95
9320	.do.	M. E. Thompson, Cashier	Miscellaneous	145 10
9321	.do.	Geo. Courtney	Wages	12 20
9322	.do.	Wm. Lathrop	.do.	39 20
9323	.do.	R. P. Poppove	.do.	39 20
9324	.do.	G. V. Knight	.do.	9 00
9325	.do.	Jas. Casad	.do.	120 00
9326	.do.	Frank Clancy	.do.	103 22
9327	.do.	J. D. Craig	.do.	75 60
9328	.do.	C. M. Davis	.do.	75 20
9329	.do.	A. Glawe	.do.	81 20
9330	.do.	Chas. Gundlock	.do.	74 80
9331	.do.	Otto Kreigl	.do.	40 00
9332	.do.	J. H. Miller	.do.	99 00
9333	.do.	Martin Sandwell	.do.	80 80
9334	.do.	A. C. Speedie	.do.	81 20
9335	.do.	Wesley Wilson	.do.	80 00
9336	.do.	C. J. Welch	.do.	140 00
9337	.do.	W. M. Atwell	.do.	58 42
9338	.do.	J. E. Bailey	.do.	54 78
9339	.do.	V. R. Barnes	.do.	74 60
9340	.do.	John Begley	.do.	51 75

## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
3841	June 30 1916	A. J. Booker	Wages	\$ 77 00
3842	do	M. C. Booker	do	81 20
3843	do	Geo. Boyer	do	48 30
3844	do	J. E. Browning	do	38 02
3845	do	Harry Brown	do	36 34
3846	do	Basil Brown	do	38 76
3847	do	D. M. Bullock	do	38 66
3848	do	Iros Butler	do	38 52
3849	do	John Catusky	do	71 80
3850	do	J. N. Creever	do	46 40
3851	do	Ben Clark	do	36 25
3852	do	John C. Clark	do	12 82
3853	do	F. Fredonme	do	73 19
3854	do	F. E. Crump	do	62 37
3855	do	Doc Davis	do	62 37
3856	do	C. E. Damsel	do	81 20
3857	do	B. E. English	do	54 05
3858	do	Claver Edwards	do	38 70
3859	do	Thos. J. Fay	do	83 70
3860	do	M. Felger	do	71 00
3861	do	Fred Fender	do	71 04
3862	do	Louis Fender	do	88 20
3863	do	J. J. Ficens	do	28 29
3864	do	J. J. Ficens	do	28 67
3865	do	Frank Fogarty	do	41 97
3866	do	Wm. Fogarty	do	25 62
3867	do	Geo. Fox	do	31 40
3868	do	F. H. Franklin	do	55 00
3869	do	C. Y. Freeman	do	51 04
3870	do	V. S. Gienan	do	52 84
3871	do	W. H. Graybeal	do	50 61
3872	do	Seal Hamblett	do	55 00
3873	do	Samuel Hanson	do	65 17
3874	do	L. T. Helz	do	46 20
3875	do	Harry Higgins	do	75 40
3876	do	Chas. Hill	do	58 26
3877	do	W. G. Hixon	do	47 60
3878	do	F. F. Hoover	do	42 02
3879	do	Ross Hutton	do	67 04
3880	do	F. M. Irvine	do	67 37
3881	do	Ias. Irvine	do	51 45
3882	do	A. L. Johnson	do	50 40
3883	do	C. C. Johnson	do	50 19
3884	do	E. Johns	do	51 04
3885	do	Margaret Jones	do	39 10
3886	do	F. W. Justis	do	108 80
3887	do	Timothy Kenney	do	60 75
3888	do	J. A. J. Klien	do	62 37
3889	do	A. Langhoff	do	75 07
3890	do	Fred Langhoff	do	58 42
3891	do	A. C. Lifton	do	74 52
3892	do	J. F. Long	do	54 56
3893	do	Roy Long	do	71 52
3894	do	H. H. Mahorney	do	61 25
3895	do	C. Massel	do	60 03
3896	do	O. E. Mennich	do	55 12
3897	do	Dan Mennely	do	58 88
3898	do	C. M. Miller	do	54 51
3899	do	D. L. Moody	do	51 26
3900	do	P. O. Moore	do	47 20
3901	do	Rebecca Morgan	do	47 40
3902	do	Jesse Myers	do	39 10
3903	do	A. J. McAlister	do	54 24
3904	do	Ias. McCullough	do	66 00
3905	do	Frances E. McClaughen	do	53 46
3906	do	B. F. McDaniel	do	39 10
3907	do	W. J. McPadden	do	48 60
3908	do	Carl Neblock	do	50 82
3909	do	J. R. Newton	do	77 55
3910	do	C. M. Ollis	do	55 20
3911	do	R. A. Palfreyman	do	53 02
3912	do	F. H. Harris	do	52 92
3913	do	G. S. Parnell	do	53 68
3914	do	F. M. Perry	do	50 40
3915	do	Nick Peterson	do	48 93
3916	do	W. C. Prevette	do	50 40
3917	do	J. F. Purkins	do	55 43
3918	do	Wm. Quinn	do	49 77

## GENERAL UNIVERSITY WARRANTS—Concluded.

No.	Date.	To whom.	For what.	Amount.
	1916			
9419	June 30	Chas. Redman.....	Wages.....	\$ 81 20
9420	do.....	Ed. Richards.....	do.....	90 72
9421	do.....	W. C. Robertson.....	do.....	45 40
9422	do.....	Mary Ryan.....	do.....	32 30
9423	do.....	Fred Ruark.....	do.....	42 40
9424	do.....	Frank Sanders.....	do.....	52 20
9425	do.....	A. Servis.....	do.....	60 95
9426	do.....	R. L. Shiels.....	do.....	48 30
9427	do.....	A. L. Shriver.....	do.....	57 50
9428	do.....	L. H. Smock.....	do.....	52 25
9429	do.....	J. C. Snider.....	do.....	49 77
9430	do.....	Frank Stateler.....	do.....	64 40
9431	do.....	L. M. Sterns.....	do.....	53 97
9432	do.....	Elmer Stratton.....	do.....	66 33
9433	do.....	Gus Strum.....	do.....	56 10
9434	do.....	H. C. Swearingen.....	do.....	56 10
9435	do.....	Wm. Templin.....	do.....	82 80
9436	do.....	H. L. Thompson.....	do.....	56 10
9437	do.....	I. F. Tillotson.....	do.....	90 00
9438	do.....	Geo. Toy.....	do.....	55 66
9439	do.....	Geo. Turner.....	do.....	57 27
9440	do.....	O. J. Utterback.....	do.....	53 68
9441	do.....	J. H. Vandiventer.....	do.....	81 20
9442	do.....	A. Warmbler.....	do.....	75 66
9443	do.....	Edwin Wells.....	do.....	55 35
9444	do.....	Ed. Wharmby.....	do.....	61 18
9445	do.....	Wm. Wilde.....	do.....	66 24
9446	do.....	Otto West.....	do.....	45 40
9447	do.....	Amos Wright.....	do.....	82 80
9448	do.....	J. J. Yeaw.....	do.....	43 40
9449	do.....	Frank A. Wiltz.....	do.....	85 00
9450	do.....	Ernst Hertzberg & Sons.....	Books.....	1 43
9451	do.....	G. E. Stechert & Co.....	do.....	3 74
9452	do.....	W. B. Castenholz.....	Traveling expenses.....	15 84
9453	do.....	J. W. Whisenand.....	do.....	2 55
9454	do.....	Lloyd R. Caldwell.....	do.....	28 50
9455	do.....	Mrs. Donald McIntosh.....	Salary.....	608 75
9456	do.....	Bradner Smith & Co.....	General supplies.....	9 23
9457	do.....	Pantagraph Printing & Stationery Co.....	Publication.....	2,596 59
9458	do.....	Flanigan-Pearson Co.....	do.....	166 85
9459	do.....	Western Electric Co.....	Electrical supplies.....	128 71
9460	do.....	Macbeth-Evans Glass Co.....	Glass.....	32 50
9461	do.....	The Burr Co.....	Strap iron.....	4 88
9462	do.....	Chas. A. Schieren Co.....	Lacing.....	3 07
9463	do.....	Bryan Marsh Division.....	Electric lights.....	284 29
9464	do.....	Eisner Grocery Co.....	Flour.....	1 60
9465	do.....	St. Louis Screw Co.....	Bolts, washers.....	90
9466	do.....	Krabbe Electric Co.....	Switch boxes.....	1 50
9467	do.....	Geo. F. Righter.....	Oil of gladness.....	43 20
9468	do.....	Wadsworth-Howland Co.....	Lamp black.....	7 15
9469	do.....	Lussky White & Coolidge.....	Cotton shade cord.....	2 94
9470	do.....	Central Electric Co.....	Glue pot.....	9 87
9471	do.....	V. Mueller & Co.....	General supplies.....	36 50
9472	do.....	A. C. McClurg & Co.....	Desk trays.....	1 70
9473	do.....	Hamblin Plumbing Co.....	Plumbing.....	240 00
9474	do.....	Bausch & Lomb Optical Co.....	Apparatus repairs.....	8 00
9475	do.....	Maas Brothers.....	General supplies.....	34 24
9476	do.....	Vacuum Oil Co.....	Mobiloil.....	56
9477	do.....	Reeves Pulley Co.....	Office equipment.....	4 52
9478	do.....	Twin City Printing Co.....	Publications.....	56 47
9479	do.....	Keystone Type Foundry.....	Office equipment.....	10 29
9480	do.....	R. W. Eyster Linen Co.....	General supplies.....	93 75
9481	do.....	Arthur H. Thomas Co.....	do.....	4 97
9482	do.....	Mallory Mitchell & Faust.....	Advertising.....	5 00
9483	do.....	Con. Dental Mfg. Co.....	Laboratory apparatus.....	146 25
9484	do.....	American Electrical Supply Co.....	General supplies.....	55
9485	do.....	W. J. Smith.....	do.....	16 50
9486	do.....	Bemis Bro. Bag Co.....	do.....	267 00
9487	do.....	Globe Wernicke Co.....	Furniture and fixtures.....	35 61
9488	do.....	R. C. Wagner & Sons.....	Feed.....	37 25
9489	do.....	H. Swannell & Son.....	General supplies.....	1 10
9490	do.....	Felt & Tarrant Mfg. Co.....	Comptometer.....	300 00
9491	do.....	J. W. Butler Paper Co.....	Office supplies.....	90 03
9492	do.....	Automatic Electric Co.....	General supplies.....	329 40
9493	do.....	H. Mueller Mfg. Co.....	do.....	5 57
9494	do.....	Nagle Engine & Boiler Works.....	do.....	9 00
9495	do.....	George Strode.....	Awning.....	4 75
9496	do.....	Conner & Quayle.....	Horseshoeing.....	8 00

## GENERAL UNIVERSITY WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1916			
9497	June 30	Taylor Hardware Co.	General supplies.	\$101 83
9498	do.	The Caldwell Co.	do.	36 25
9499	do.	C. A. Klier.	Chair cane.	3 00
9500	do.	John B. Bennett.	Labor, general supplies.	13 16
9501	do.	Physicians' Supply & Drug Co.	General supplies.	8 25
9502	do.	Cosmo Electric Construction Co.	Electric material.	21 00
9503	do.	Joseph Walsh.	Wages.	47 50
9504	do.	Thompson & Jameson.	Wiring.	20 00
9505	do.	Western Lumber Co.	Lumber.	3 20
9506	do.	Marshall Field & Co., Retail.	Merchandise.	22 50
9507	do.	Louden & Flanningam.	Prints.	1 25
9508	do.	Division of Education, Russell Sage Foundation.	General supplies.	2 50
9509	do.	Watson-Faulkner.	Laboratory supplies.	1 35
9510	do.	S. A. Courtis.	General supplies.	1 51
9511	do.	C. J. Lundstrom Mfg. Co.	Bookcases.	13 00
9512	do.	F. M. Leslie.	Framing and glass.	3 40
9513	do.	Edson, Keith & Co.	Laboratory supplies.	15 82
9514	do.	Mrs. Anna Langhoff.	Laundry work.	5 83
9515	do.	Schaefer & Dolan, Agents.	Premium.	10 00
9516	do.	Sanitarium Equipment Co.	Bath cabinet.	24 50
9517	do.	E. H. Sargent & Co.	General supplies.	19 30
9518	do.	Crane Co.	do.	10 87
9519	do.	G. R. Grubb & Co.	Electros.	4 70
9520	do.	B. E. Powell.	Traveling expenses.	34 00
9521	do.	Schultz Seed Co.	Seed.	5 25
9522	do.	Spring Bros.	do.	15 10
9523	do.	Chester Transfer Co.	Service.	10 50
9524	do.	Charles F. Wishart.	Honorarium, expenses.	110 00
9525	do.	Urbana & Champaign Ry., Gas & Electric Co.	Gas.	305 82
9526	do.	H. A. Ruche.	General supplies.	31 75
9527	do.	Bittman, Edward S.	Wages, June.	60 00
9528	do.	Frank Beach.	do.	65 00
9529	do.	Margaret Newman.	do.	40 00
9530	do.	Illinois Central R. R. Co.	Transportation.	221 78
9531	do.	Winship Co.	Books.	118 00
9532	do.	C. W. Balke.	Adviser.	25 00
9533	do.	J. H. Beard.	do.	25 00
9534	do.	D. L. Blaisdell.	do.	25 00
9535	do.	E. P. Brush.	do.	25 00
9536	do.	W. E. Burge.	do.	25 00
9537	do.	J. Y. Cann.	do.	25 00
9538	do.	T. A. Clark.	do.	25 00
9539	do.	A. R. Crathorne.	do.	25 00
9540	do.	C. G. Derick.	do.	25 00
9541	do.	D. K. Dodge.	do.	25 00
9542	do.	J. D. Fitz-Gerald.	do.	25 00
9543	do.	Allene Gregory.	do.	25 00
9544	do.	S. M. Hague.	do.	25 00
9545	do.	S. A. Harbarger.	do.	25 00
9546	do.	H. F. Harrington.	do.	25 00
9547	do.	E. C. Hayes.	do.	25 00
9548	do.	Leona Hope.	do.	25 00
9549	do.	B. S. Hopkins.	do.	25 00
9550	do.	Ruth Kelso.	do.	25 00
9551	do.	M. J. Kyle.	do.	25 00
9552	do.	A. H. Lybyer.	do.	25 00
9553	do.	D. A. McInnes.	do.	25 00
9554	do.	R. M. Parr.	do.	25 00
9555	do.	S. W. Parr.	do.	25 00
9556	do.	A. S. Pease.	do.	25 00
9557	do.	F. W. Scott.	do.	15 00
9558	do.	Q. L. Shepherd.	do.	25 00
9559	do.	R. M. Story.	do.	25 00
9560	do.	G. Wahlin.	do.	25 00
9561	do.	H. B. Ward.	do.	25 00
9562	do.	A. R. Warnock.	do.	25 00
9563	do.	F. R. Watson.	do.	25 00
9564	do.	M. M. Wetmore.	do.	25 00
9565	do.	C. H. Woolbert.	do.	25 00
9566	do.	H. G. Paul.	do.	25 00
9567	do.	R. R. Bowker Co.	Subscription.	8 00
9568	do.	J. P. MacLean.	Books.	5 90
9569	do.	University of Illinois Supply Store.	do.	7 20
9570	do.	J. Fischer & Bro.	do.	6 10
9571	do.	A. L. Fosse.	do.	1 40
9572	do.	University of Chicago Press.	do.	69 78

## GENERAL UNIVERSITY WARRANTS—Concluded.

No.	Date.	To whom.	For what.	Amount.
	1916			
9573	June 30	C. W. Ritter	Books	\$ 12 00
9574	do.	Callaghan & Co.	do	9 50
9575	do.	Mining & Scientific Press.	do	3 00
9576	do.	H. S. Capron	Material furnished from University store room	215 05
9577	do.	H. S. Capron	do	1,968 92
9578	do.	H. S. Capron	do	446 10
9579	do.	Houghton Mifflin Co.	Books	2 52
9580	do.	The MacMillan Co.	do	5 52
9581	do.	The Boston Book Co.	do	2 35
9582	do.	J. M. Hanson-Bennett Magazine Agency	do	3 25
9583	do.	G. E. Stechert & Co.	do	404 61
9584	do.	Ernst Hertzberg & Sons	do	469 38
9585	do.	Messrs Wm. George's Sons	do	26 35
9586	do.	Canon V. A. Huard	do	44 10
9587	do.	Edw. G. Allen & Son, Ltd	do	8 68
9588	do.	Lucien Gongy	do	32 36
9589	do.	Pickering & Chatto.	do	30 62
9590	do.	Maurice Boususs	do	8 56
9591	do.	J. Terquem	do	3 40
9592	do.	Björck & Björsson.	do	2 13
9593	do.	Ulrico Hoeph	do	10 94
9594	do.	W. Wesley & Son	do	10 74
9595	do.	Henry Stevens, Son & Stiles	do	1 98
9596	do.	H. S. Capron, Treasurer	Material furnished from University store room	11,017 69
9597	do.	W. H. Boyer	Wages, June	110 00
9598	do.	C. H. Havens	do	133 33
9599	do.	M. Murphy	do	110 00
9600	do.	T. J. Showers	do	133 33
9601	do.	W. J. Smith	do	120 00
9602	do.	E. R. Smith	Salary	133 33
9603	do.	L. J. Towne	do	200 00
9604	do.	G. E. Wright	do	140 00
9605	do.	H. S. Capron, Treasurer	Material furnished from University store room	65 50
9606	do.	Vaughan-McCaughy	Lectures	90 04
9607	do.	Pantagraph Printing & Stationery Co.	Publications	4,000 00
9608	do.	A. C. McClurg & Co.	Books, photographs	31 64
9609	do.	Weis Mfg. Co.	Office supplies	11 08
9610	do.	Irving Pitt Mfg. Co.	do	4 00
9611	do.	Bradner Smith & Co.	do	105 64
9612	do.	Library Bureau	do	4 32
9613	do.	Pantagraph Printing & Stationery Co.	Publications	678 06
9614	do.	R. C. Wagner & Sons	Labor	12 50
9615	do.	Quaker Oats Co.	Feed	2 50
9616	do.	Eimer & Amend	Laboratory supplies	395 50
9617	do.	A. J. Bartels	Feed	36 50
9618	do.	Walker & Mulliken	Rental on chairs	2 50
9619	do.	L. Wolff Mfg. Co.	General supplies	9 31
9620	do.	Pittsburgh Plate Glass Co.	Glass	3 37
9621	do.	L. C. Smith & Bros.	Typewriter	76 55
9622	do.	American Milling Co.	Feed	573 00
9623	do.	Flanigan-Pearson Co.	Printing	6 00
9624	do.	Huntley Dairy Co.	Laboratory supplies	1 80
9625	do.	V. Mueller & Co.	Apparatus repairs	6 40
9626	do.	Alberene Stone Co.	Laboratory apparatus	64 10
9627	do.	Paul B. Hoerber	Books	30 00
9628	do.	Spencer Lens Co.	Laboratory supplies, laboratory apparatus	18 90
9629	do.	John B. Bennett	Miscellaneous	9 17
9630	do.	D. H. Lloyd	Dictionary	21 60
9631	do.	J. B. Ford Co.	Cleanser	6 12
9632	do.	Central Scientific Co.	Laboratory supplies	5 22
9633	do.	The New Era Printing Co.	Publications	15 13
9634	do.	Chicago Surgical & Electrical Co.	Apparatus repairs	12 50
9635	do.	Illinois Electric Co.	Electrical supplies	2 43
9636	do.	Lyon Metallic Co.	Cabinet	90 00
9637	do.	English Bros.	Balance contract	302 19

## II. U. S. AGRICULTURAL EXPERIMENT STATION WARRANTS.

No.	Date.	To whom.	For what.	Amount.
1915				
US 1	July 15	L. E. Knorr, Assistant Comptroller.	Sundry bills paid.	\$ 1 15
US 2	July 22	Hunter Rourke & Co.	Half rounds.	3 00
US 3	do.	L. E. Knorr, Assistant Comptroller.	Express bills.	2 61
US 4	do.	J. E. Whitechurch.	Salary, July, 1915.	150 00
US 5	do.	J. M. Barnhart.	do.	150 00
US 6	do.	F. A. Pearson.	do.	116 66
US 7	do.	M. J. Prucha.	do.	208 33
US 8	do.	Anna C. Glover.	do.	125 00
US 9	do.	Roy Hansen.	do.	85 00
US 10	do.	Florence E. Smith.	do.	100 00
US 11	do.	H. H. Mitchell.	do.	111 66
US 12	do.	E. W. Bailey.	do.	175 00
US 13	do.	Thos. Bregger.	do.	116 66
US 14	do.	C. S. Crandall.	do.	291 66
US 15	do.	H. L. Rietz.	do.	100 00
US 16	July 23	Potter & Wrightington.	Dog bread.	9 13
US 17	do.	J. E. Morgan.	Wages, July, 1915.	40 00
US 18	do.	J. E. Whitechurch.	Traveling expenses.	38 53
US 19	Aug. 19	Barbee Wire & Iron Works.	Wire cages.	51 50
US 20	do.	Champaign Seed Co.	Corn and oats.	4 14
US 21	Aug. 18	J. E. Whitechurch.	Salary, August, 1915.	150 00
US 22	do.	J. M. Barnhart.	do.	150 00
US 23	do.	F. A. Pearson.	do.	116 74
US 24	do.	M. J. Prucha.	do.	208 37
US 25	do.	Anna C. Glover.	do.	125 00
US 26	do.	Florence E. Smith.	do.	100 00
US 27	do.	Roy Hansen.	do.	85 00
US 28	do.	H. H. Mitchell.	do.	141 74
US 29	do.	E. W. Bailey.	do.	175 00
US 30	do.	C. E. Crandall.	do.	291 74
US 31	do.	Thomas Bregger.	do.	116 74
US 32	do.	H. L. Rietz.	do.	100 00
US 33	Aug. 22	F. K. Robeson.	Laboratory supplies.	1 80
US 34	Aug. 26	M. E. Thompson, Cashier.	Sundry bills.	1 32
US 35	Aug. 31	Harold K. Rulison.	Salary, August, 1915.	75 00
US 36	do.	W. B. Castenholz, Comptroller.	Material furnished from University storeroom.	16 33
US 37	Sept. 9	J. E. Whitechurch.	Traveling expenses.	72 87
US 38	Sept. 10	E. H. Sargent & Co.	Chemicals.	24 95
US 39	do.	J. E. Whitechurch.	Traveling expenses.	62 38
US 40	Sept. 18	Champaign Seed Co.	Yellow corn.	11 89
US 41	do.	Fuller-Morrison Co.	Sunflower seed.	9 90
US 42	Sept. 28	Chas. A. Campbell.	Salary, September, 1915.	65 00
US 43	do.	Flanigan-Pearson Co.	Printing.	10 17
US 44	do.	H. L. Rietz.	Salary, September, 1915.	100 00
US 45	do.	E. W. Bailey.	do.	200 00
US 46	do.	S. J. Bole.	do.	150 00
US 47	do.	C. S. Crandall.	do.	291 66
US 48	do.	E. A. Schwing.	do.	70 00
US 49	do.	L. D. Labr.	do.	60 00
US 50	do.	Anna C. Glover.	do.	125 00
US 51	do.	Florence E. Smith.	do.	58 06
US 53	do.	Roy Hansen.	do.	100 00
US 53	do.	J. E. Whitechurch.	do.	150 00
US 54	Sept. 30	W. B. Castenholz, Comptroller.	Material furnished from University storeroom.	9 27
US 55	Oct. 19	Library Bureau.	Trays.	3 10
US 56	do.	Bausch & Lomb Optical Co.	Magnifiers.	1 25
US 57	do.	M. E. Thompson, Cashier.	Bills paid.	1 00
US 58	do.	Champaign Seed Co.	Seeds.	4 36
US 59	Oct. 23	A. C. Glover.	Salary, October, 1915.	125 00
US 60	do.	F. E. Smith.	do.	100 00
US 61	do.	Roy Hansen.	do.	100 00
US 62	do.	J. E. Whitechurch.	do.	150 00
US 63	do.	M. J. Prucha.	do.	208 33
US 64	do.	H. M. Weeter.	do.	58 33
US 65	do.	F. A. Pearson.	do.	133 33
US 66	do.	H. K. Rulson.	do.	75 00
US 67	do.	H. L. Rietz.	do.	100 00
US 68	do.	H. S. Grindley.	do.	333 33
US 69	do.	W. E. Joseph.	do.	150 00
US 70	do.	M. H. Keith.	do.	108 33
US 71	do.	C. I. Newlin.	do.	116 66
US 72	do.	J. A. Detlefson.	do.	225 00
US 73	do.	E. Roberts.	do.	83 33
US 74	do.	W. J. Carmichael.	do.	141 66
US 75	do.	C. S. Crandall.	do.	291 66

## UNITED STATES AGRICULTURAL EXPERIMENT STATION WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
<b>1915</b>				
US 76	Oct. 23	E. W. Bailey	Salary, October, 1915	\$200 00
US 77	Oct. 26	Chas. A. Campbell	do.	65 00
US 78	do.	J. C. Gabel & Co.	Tin tags	10 00
US 79	do.	Potter & Wrightington	Dog bread	8 69
US 80	do.	Bausch & Lomb Optical Co.	Magnifiers	2 38
US 81	Oct. 30	J. E. Morgan	Salary, October, 1915	40 00
US 82	do.	The Wistar Institute of Anatomy and Biology	Rats	2 36
US 83	do.	M. E. Thompson, Cashier	Bills paid	15 00
US 84	do.	W. B. Castenholz, Comptroller	Material furnished from University storeroom	28 54
US 85	Nov. 10	M. E. Thompson, Cashier	Bills paid	1 12
US 86	do.	Champaign Seed Co.	Corn and oats	3 20
US 87	do.	Dallenbach Bros.	Laboratory apparatus	1 40
US 88	Nov. 12	E. H. Sargent & Co.	Laboratory supplies	8 37
US 89	do.	L. M. Wakeley	Traveling expenses	3 63
US 90	do.	H. K. Rulison	do.	12 73
US 91	Nov. 16	Frank Turner	do.	4 13
US 92	Nov. 19	W. Lewis & Co.	Linoleum	2 00
US 93	do.	A. C. Glover	Salary, November, 1915	125 00
US 94	do.	Florence E. Smith	do.	100 00
US 95	do.	J. E. Whitechurch	do.	150 00
US 96	do.	Roy Hansen	do.	100 00
US 97	do.	M. J. Prucha	do.	208 33
US 98	do.	H. M. Weeter	do.	58 33
US 99	do.	F. A. Pearson	do.	133 33
US 100	do.	H. K. Rulison	do.	75 00
US 101	do.	H. L. Rietz	do.	100 00
US 102	do.	H. S. Grindley	do.	333 33
US 103	do.	W. E. Joseph	do.	150 00
US 104	do.	C. I. Newlin	do.	116 66
US 105	do.	J. A. Detlefson	do.	225 00
US 106	do.	E. Roberts	do.	83 33
US 107	do.	W. J. Carmichael	do.	141 66
US 108	do.	C. S. Crandall	do.	291 66
US 109	do.	E. W. Bailey	do.	200 00
US 110	do.	E. A. Schwing	do.	70 00
US 111	do.	M. E. Thompson, Cashier	Bills paid	36 33
US 112	do.	M. E. Thompson, Cashier	do.	27 00
US 113	Nov. 26	Chas. A. Campbell	Wages, November, 1915	65 00
US 114	do.	M. E. Thompson, Cashier	Bills paid	1 23
US 115	do.	H. K. Rulison	Traveling expenses	7 49
US 116	do.	A. E. C. Lathrop	Mice	3 00
US 117	do.	John Reichard	Shelled corn	200 00
US 118	do.	F. M. Holbrook	Photographs	2 50
US 119	Nov. 30	Bausch & Lomb Optical Co.	Laboratory apparatus	28 30
US 120	do.	T. J. Brooks	Traveling expenses	45 00
US 121	Dec. 4	A. E. C. Lathrop	Waltzing mice	3 00
US 122	do.	H. K. Rulison	Traveling expenses	3 66
US 123	do.	J. E. Whitechurch	do.	59 03
US 124	Dec. 13	A. C. Glover	Wages, December, 1915	125 00
US 125	do.	F. E. Smith	do.	100 00
US 126	do.	J. E. Whitechurch	do.	150 00
US 127	do.	Roy Hansen	do.	100 00
US 128	do.	M. J. Prucha	do.	208 33
US 129	do.	H. M. Weeter	do.	58 33
US 130	do.	F. A. Pearson	do.	133 33
US 131	do.	H. K. Rulison	do.	75 00
US 132	do.	H. L. Rietz	do.	100 00
US 133	do.	W. E. Joseph	do.	150 00
US 134	do.	H. H. Mitchell	do.	150 00
US 135	do.	Elmer Roberts	do.	83 33
US 136	do.	L. E. Thorne	do.	50 00
US 137	do.	C. S. Crandall	do.	291 66
US 138	do.	E. W. Bailey	do.	200 00
US 139	do.	E. A. Schwing	do.	70 00
US 140	do.	Frank Turner	Traveling expenses	37 27
US 141	do.	F. J. Marshall	do.	12 90
US 142	do.	Library Bureau	Office supplies	6 50
US 143	do.	Champaign Seed Co.	Corn and oats	3 22
US 144	do.	L. M. Wakeley	Traveling expenses	7 86
US 145	do.	Flanigan-Pearson Co.	Pamphlet holders	8 35
US 146	Dec. 22	H. S. Capron, Treasurer	Material furnished from University storeroom	28 58
US 147	do.	R. A. Stipes	Sand	3 00
US 148	do.	F. A. Pearson	Traveling expenses	4 16



## UNITED STATES AGRICULTURAL EXPERIMENT STATION WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
<b>1915</b>				
US 149	Dec. 22	H. K. Rulison	Traveling expenses	\$ 12 83
US 150	.do.	F. A. Pearson	.do	21 48
US 151	.do.	M. E. Thompson, Cashier	Bills paid	27 50
US 152	Dec. 31	T. J. Brooks	Salary, December, 1915	45 00
US 153	.do.	J. E. Morgan	.do	40 00
US 154	.do.	Chas. A. Campbell	.do	65 00
<b>1916</b>				
US 155	Jan. 10	H. A. Cate	Traveling expenses	14 84
US 156	.do.	Association of American Agricultural Colleges and Experiment Stations	Rent	20 00
US 157	.do.	Champaign Seed Co.	Seed	5 40
US 158	.do.	H. K. Rulison	Traveling expenses	6 93
US 159	.do.	Frank Turner	.do	4 53
US 160	.do.	L. M. Wakley	.do	4 88
US 161	.do.	Sharp & Smith	Laboratory supplies	2 60
US 162	Jan. 12	M. E. Thompson, Cashier	Express bills	1 09
US 163	Jan. 17	H. L. Rietz	Salary, January, 1916	100 00
US 164	.do.	W. E. Joseph	.do	150 00
US 165	.do.	H. H. Mitchell	.do	150 00
US 166	.do.	L. E. Thorne	.do	50 00
US 167	.do.	C. S. Crandall	.do	291 66
US 168	.do.	E. W. Bailey	.do	200 00
US 169	.do.	A. C. Glover	.do	125 00
US 170	.do.	F. E. Smith	.do	100 00
US 171	.do.	O. M. Allyn	.do	118 66
US 172	.do.	Roy Hansen	.do	100 00
US 173	.do.	M. J. Prucha	.do	208 33
US 174	.do.	H. M. Weeter	.do	58 33
US 175	.do.	F. A. Pearson	.do	133 33
US 176	.do.	H. K. Rulison	.do	75 00
US 177	.do.	F. A. Pearson	Traveling expenses	4 59
US 178	.do.	F. K. Robeson	Cheese cloth	1 25
US 179	Jan. 21	Star & Crescent Milling Co.	Animal feed	270 00
US 180	.do.	Chas. A. Campbell	Salary, January, 1916	65 00
US 181	.do.	J. A. Detlefsen	Traveling expenses	9 54
US 182	Jan. 26	M. E. Thompson, Cashier	Labor bills	22 80
US 183	.do.	T. J. Brooks	Wages, January, 1916	45 00
US 184	.do.	Sharp & Smith	Laboratory supplies	1 00
US 185	Jan. 31	L. M. Wakley	Traveling expenses	8 79
US 186	.do.	F. M. Holbrook	Albino skunk	11 93
US 187	.do.	Frank Turner	Traveling expenses	16 22
US 188	.do.	Frank J. Marshall	.do	5 98
US 189	.do.	H. K. Rulison	.do	14 26
US 190	Feb. 8	A. E. C. Lathrop	White mice	1 50
US 191	.do.	Barbee Wire & Iron Works	Iron tray	97 50
US 192	.do.	George B. Lambert	Waltzing mice	4 50
US 193	.do.	Frank Marshall	Traveling expenses	7 90
US 194	Feb. 10	The Wabash Ry. Co.	Freight	1 59
US 195	.do.	Frank Turner	Traveling expenses	12 50
US 196	.do.	F. J. Marshall	.do	6 15
US 197	.do.	H. K. Rulison	.do	10 65
US 198	.do.	A. D. Emmett	Salary, January, 1916	833 30
US 199	Feb. 12	Fuller-Morrisson Co.	Sunflower seed	8 00
US 200	.do.	Champaign Seed Co.	Grain	3 85
US 201	Feb. 21	L. M. Wakeley	Traveling expenses	12 50
US 202	.do.	Frank Marshall	.do	5 66
US 203	.do.	L. M. Wakeley	.do	20 39
US 204	.do.	F. A. Pearson	.do	11 84
US 205	.do.	Frank Turner	.do	19 26
US 206	.do.	Champaign Seed Co.	Seeds	2 10
US 207	.do.	M. E. Thompson, Cashier	Labor bills	24 30
US 208	Feb. 24	Chas. A. Campbell	Salary, February, 1916	65 00
US 209	.do.	Frank J. Marshall	.do	15 67
US 210	.do.	Spencer Lens Co.	Camera lucida	3 95
US 211	.do.	Flanigan-Pearson Co.	General supplies	17 50
US 212	.do.	Twin City Ice & Cold Storage Co.	Ice	25 00
US 213	Feb. 28	M. E. Thompson, Cashier	Miscellaneous bills	1 02
US 214	.do.	T. J. Brooks	Salary, February, 1916	50 00
US 215	.do.	J. E. Morgan	.do	40 00
US 216	.do.	Anna C. Glover	.do	125 00
US 217	.do.	Florence B. Smith	.do	100 00
US 218	.do.	O. M. Allyn	.do	116 66
US 219	.do.	Roy Hansen	.do	100 00
US 220	.do.	M. J. Prucha	.do	268 33
US 221	.do.	H. M. Weeter	.do	58 33
US 222	.do.	F. A. Pearson	.do	133 33
US 223	.do.	H. K. Rulison	.do	75 00
US 224	Feb. 29	H. L. Rietz	.do	100 00

## UNITED STATES AGRICULTURAL EXPERIMENT STATION WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1916			
US 225	Feb. 29	W. E. Joseph	Salary, February, 1916	\$150 00
US 226	do.	H. H. Mitchell	do	150 00
US 227	do.	L. E. Thorne	do	50 00
US 228	do.	E. W. Bailey	do	200 00
US 229	do.	H. S. Capron, Treasurer	Material furnished from University storeroom	3 12
US 230	Mar. 11	Frank Turner	Traveling expenses	7 94
US 231	do.	Bausch & Lomb Optical Co.	Laboratory supplies	3 70
US 232	do.	B. F. Stevenson & Son	do	1 40
US 233	do.	H. K. Rulison	Traveling expenses	8 45
US 234	do.	Frank J. Marshall	do	6 05
US 235	do.	L. M. Wakeley	do	7 82
US 236	do.	F. A. Pearson	do	5 94
US 237	do.	Champaign Seed Co.	Grain	7 66
US 238	do.	F. K. Robeson	Laboratory supplies	3 00
US 239	do.	M. E. Thompson, Cashier	Express bills	2 79
US 240	Mar. 22	Frank Marshall	Traveling expenses	6 01
US 241	do.	A. C. Glover	Salary, March, 1916	125 00
US 242	do.	F. E. Smith	do	100 00
US 243	do.	O. M. Allyn	do	116 66
US 244	do.	Roy Hansen	do	100 00
US 245	do.	M. J. Prucha	do	208 33
US 246	do.	H. M. Weeter	do	58 33
US 247	do.	F. A. Pearson	do	133 33
US 248	do.	H. K. Rulison	do	75 00
US 249	do.	H. L. Reitz	do	100 00
US 250	do.	L. E. Thorne	do	50 00
US 251	do.	A. D. Emmett	do	166 70
US 252	do.	B. G. Pratt Co.	Sulphate of nicotine	2 50
US 253	do.	M. E. Thompson, Cashier	Labor bills	15 60
US 254	do.	M. E. Thompson, Cashier	Express bills	1 48
US 255	do.	H. S. Capron, Treasurer	Office supplies	5 40
US 256	do.	H. K. Rulison	Traveling expenses	15 27
US 257	do.	Frank Marshall	do	13 07
US 258	do.	W. A. Morschhauser	General supplies	26 65
US 259	do.	Arthur H. Thomas Co.	Laboratory apparatus	10 29
US 260	Mar. 30	D. H. Loyde	Dry plates	1 62
US 261	do.	John Heffernan & Son	Laboratory supplies	4 34
US 262	do.	Bradner Smith & Co.	do	29 90
US 263	do.	Nellie G. Boucher	Salary, March, 1916	50 00
US 264	do.	Chas. A. Campbell	do	60 00
US 265	do.	J. E. Morgan	do	40 00
US 266	do.	T. J. Brooks	do	50 00
US 267	do.	L. M. Wakeley	Traveling expenses	17 31
US 268	do.	Frank J. Marshall	do	2 02
US 269	do.	V. Mueller & Co.	Laboratory apparatus	5 28
US 270	do.	Burley & Tyrrell Co.	Laboratory supplies	14 28
US 271	Mar. 31	H. S. Capron, Treasurer	Material furnished from University storeroom	46 48
US 272	do.	Frank J. Marshall	Traveling expenses	13 66
US 273	do.	F. A. Pearson	do	14 05
US 274	do.	Ernst Hertzberg & Sons	Books	159 92
US 275	Apr. 6	M. E. Thompson, Cashier	Labor bills	2 87
US 276	do.	E. S. Axline	Wages, March, 1916	31 38
US 277	do.	W. F. Campbell	do	21 50
US 278	do.	H. C. Ecksfein	do	75 00
US 279	do.	H. A. Shonle	do	27 38
US 280	do.	A. L. Shriver	do	53 46
US 281	do.	Frank J. Marshall	Traveling expenses	6 41
US 282	do.	L. M. Wakely	do	1 05
US 283	do.	Alice Propst	do	45 09
US 284	do.	H. K. Rulison	do	17 28
US 285	do.	American Berkshire Association	Sundries	3 00
US 286	do.	Champaign Seed Co.	Seeds	3 26
US 287	do.	Sharp & Smith	Laboratory supplies	2 10
US 288	do.	Taylor Hardware Co.	General supplies	1 55
US 289	Apr. 13	M. E. Thompson, Cashier	Labor bills	6 38
US 290	do.	Frank Marshall	Traveling expenses	5 45
US 291	do.	Frank Turner	do	65 92
US 292	do.	Pantagraph Printing & Stationery Co.	Printing	82 26
US 293	Apr. 18	Central Scientific Co.	Laboratory supplies	3 00
US 294	do.	The Wabash Ry. Co.	Freight	1 10
US 295	do.	Frank Turner	Traveling expenses	15 13
US 296	do.	Chicago Surgical & Electrical Co.	Incubator	35 00
US 297	Apr. 21	Champaign Seed Co.	Corn	8 53
US 298	do.	M. M. Thompson, Cashier	Labor bills	16 20
US 299	Apr. 24	Ernst Hertzberg & Sons	Books	62 07
US 300	do.	D. H. Loyde	Office supplies	2 95

## UNITED STATES AGRICULTURAL EXPERIMENT STATION WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
1916				
US 301	Apr. 24	Spencer Lens Co.	Laboratory supplies	\$ 1 12
US 302	do.	H. L. Rietz	Salary, April, 1916	100 00
US 303	do.	L. E. Thorne	do.	50 00
US 304	do.	E. W. Bailey	do.	200 00
US 305	do.	A. C. Glover	do.	125 00
US 306	do.	O. M. Allyn	do.	116 66
US 307	do.	Roy Hansen	do.	100 00
US 308	do.	M. J. Prucha	do.	208 33
US 309	do.	H. M. Weeter	do.	58 33
US 310	do.	F. A. Pearson	do.	133 33
US 311	do.	H. K. Rulison	do.	75 00
US 312	Apr. 28	Charles Mollett	Laboratory apparatus	10 00
US 313	do.	M. E. Thompson, Cashier	Labor bills	6 50
US 314	do.	H. S. Capron, Treasurer	Material furnished from University storeroom	65 16
US 315	Apr. 29	T. J. Brooks	Salary, April	50 00
US 316	do.	Nellie G. Boucher	do.	50 00
US 317	do.	J. E. Morgan	do.	40 00
US 318	May 8	A. L. Shriver	Wages, April, 1916	33 66
US 319	do.	H. K. Rulison	Traveling expenses	8 04
US 320	do.	The Burr Co.	General supplies	3 80
US 321	do.	W. Lewis & Co.	do.	9 19
US 322	do.	Mallinckrodt Chemical Works	do.	35 10
US 323	do.	Barbee Wire & Iron Works	do.	9 00
US 324	do.	Twin City Ice & Cold Storage Co.	Ice	24 00
US 325	do.	Urbana & Champaign Ry., Gas & Electric Co.	General supplies	5 40
US 326	do.	Twin City Roofing Co.	Laboratory supplies	1 75
US 327	do.	F. A. Pearson	Traveling expenses	12 84
US 328	do.	Frank Turner	do.	27 62
US 329	do.	Frank Marshall	do.	13 74
US 330	do.	Ernst Hertzberg & Sons	Books	63 65
US 331	May 11	E. S. Axline	Salary, April, 1916	29 25
US 332	do.	W. F. Campbell	do.	21 75
US 333	do.	H. C. Eckstein	do.	75 00
US 334	do.	H. A. Shomle	do.	19 63
US 335	do.	H. K. Rulison	do.	11 84
US 336	do.	Frank Marshall	do.	14 81
US 337	do.	W. J. Carmichael	do.	5 55
US 338	do.	J. A. Detlefsen	do.	3 39
US 339	do.	A. E. C. Lathrop	do.	2 00
US 340	May 15	Frank Marshall	Traveling expenses	5 46
US 341	do.	Frank Turner	do.	4 58
US 342	May 16	Metzler & Schafer Co.	Laboratory supplies	1 75
US 343	do.	Louis Melind Co.	Office equipment repairs	2 01
US 344	do.	D. H. Lloyd	Office supplies	7 68
US 345	do.	E. H. Sargent & Co.	Laboratory supplies	2 15
US 346	May 23	H. L. Reitz	Salary, May, 1916	100 00
US 347	do.	L. E. Thorne	do.	50 00
US 348	do.	Hazel Rock	do.	55 00
US 349	do.	M. H. Keith	do.	108 33
US 350	do.	E. W. Bailey	do.	54 90
US 351	do.	Eugene Davenport	do.	500 00
US 352	do.	H. H. Wheeler	do.	70 00
US 353	do.	Florence E. Smith	do.	100 00
US 354	do.	A. C. Glover	do.	125 00
US 355	do.	O. M. Allyn	do.	116 66
US 356	do.	Roy Hansen	do.	100 00
US 357	do.	M. J. Prucha	do.	208 33
US 358	do.	H. M. Weeter	do.	58 33
US 359	do.	F. A. Pearson	do.	133 33
US 360	do.	H. K. Rulison	do.	75 00
US 361	do.	M. E. Thompson, Cashier	Miscellaneous bills	5 91
US 362	do.	Frank Marshall	Traveling expenses	6 12
US 363	do.	H. K. Rulison	do.	12 17
US 364	May 29	Whitall Tatum Co.	Laboratory supplies	1 91
US 365	do.	Fuller-Morrisson Co.	do.	14 56
US 366	do.	Potter & Wrightington	Feeding stuffs	8 69
US 367	do.	Derrough & Co.	Laboratory apparatus	1 75
US 368	do.	Eimer & Amend	Laboratory supplies	17 25
US 369	do.	Mallinckrodt Chemical Works	do.	54 77
US 370	do.	W. J. Carmichael	Traveling expenses	9 99
US 371	do.	Sabra Stevens Reece	Expert service	12 25
US 372	do.	Frank Turner	Traveling expenses	23 82
US 373	do.	Frank Marshall	do.	5 87
US 374	do.	J. E. Morgan	Wages	40 00
US 375	do.	H. B. Ingalls	do.	32 50
US 376	do.	J. F. Smith	do.	75 00

## UNITED STATES AGRICULTURAL EXPERIMENT STATION WARRANTS—Concluded.

No.	Date.	To whom.	For what.	Amount.
	1916			
US 377	May 29	Nellie G. Boucher.....	Wages.....	\$ 50 00
US 378	..do..	Champaign Seed Co.....	Supplies.....	39 73
US 379	..do..	Ernst Hertzberg & Sons.....	Books.....	89 00
US 380	..do..	T. J. Brooks.....	Wages.....	50 00
US 381	May 30	J. W. Butler Paper Co.....	Publications.....	300 25
US 382	..do..	Pantagraph Printing & Stationery Co.....	..do..	150 25
US 383	..do..	H. S. Capron, Treasurer.....	Material furnished from University storeroom.....	120 41
US 384	June 1	Frank J. Marshall.....	Traveling expenses.....	5 36
US 385	June 12	Illinois Traction System.....	Freight.....	2 55
US 386	..do..	E. H. Ladd Gray.....	Rabbits.....	6 00
US 387	..do..	John M. Ornellus.....	Live stock.....	13 50
US 388	..do..	Elmer & Amend.....	Laboratory supplies.....	22 42
US 389	..do..	W. T. Haines.....	Wages.....	60 03
US 390	..do..	E. S. Axline.....	..do..	28 50
US 391	..do..	W. F. Campbell.....	..do..	20 50
US 392	..do..	H. C. Eckstein.....	..do..	75 00
US 393	..do..	H. A. Shonle.....	..do..	30 50
US 394	June 14	Frank J. Marshall.....	Traveling expenses.....	6 32
US 395	..do..	S. E. Dillavou.....	Butler basket cart and extra wheel.....	10 50
US 396	..do..	O. M. McCluer.....	Traveling expenses.....	2 52
US 397	..do..	H. S. Capron, Treasurer.....	Material furnished from University storeroom.....	54 41
US 398	June 26	E. Davenport.....	Salary.....	500 00
US 399	..do..	H. L. Reitz.....	..do..	100 00
US 400	..do..	L. E. Thorne.....	..do..	50 00
US 401	..do..	H. S. Grindley.....	..do..	333 33
US 402	..do..	W. E. Joseph.....	..do..	150 00
US 403	..do..	M. E. Keith.....	..do..	108 33
US 404	..do..	C. I. Newlin.....	..do..	116 66
US 405	..do..	J. A. Detlefson.....	..do..	225 00
US 406	..do..	E. Roberts.....	..do..	83 33
US 407	..do..	W. J. Carmichael.....	..do..	141 66
US 408	..do..	A. C. Glover.....	..do..	125 00
US 409	..do..	F. E. Smith.....	..do..	100 00
US 410	..do..	O. M. Allyn.....	..do..	116 66
US 411	..do..	Roy Hansen.....	..do..	100 00
US 412	..do..	Chesley & Co.....	Laboratory supplies.....	3 51
US 413	..do..	Wabash Ry. Urbana.....	Freight.....	15 06
US 414	..do..	University of Illinois Supply Store.....	Laboratory supplies.....	54
US 415	..do..	E. H. Sargent & Co.....	..do..	12 52
US 416	..do..	N. & M. Div-Taylor Instr. Cos.....	Miscellaneous.....	43 07
US 417	..do..	J. W. Morgan.....	Wages.....	40 00
US 418	..do..	Nellie G. Boucher.....	..do..	50 00
US 419	..do..	F. K. Robeson.....	General supplies.....	4 53
US 420	..do..	Standard Calorimeter Co.....	Laboratory apparatus.....	264 60
US 421	June 29	M. E. Thompson, Cashier.....	Miscellaneous.....	23 00
US 422	..do..	M. E. Thompson, Cashier.....	..do..	4 75
US 423	..do..	H. S. Capron, Treasurer.....	Material furnished from University storeroom.....	860 20
US 424	June 30	Pantagraph Printing and Stationery Co.....	Publications.....	370 00
US 425	..do..	Elmer & Amend.....	Laboratory supplies.....	475 55
US 426	..do..	H. S. Capron, Treasurer.....	Material furnished from University storeroom.....	10 89

## III. U. S. SMITH-LEVER FUND WARRANTS.

	1915			
SL 1	July 16	W. F. Handschin.....	Traveling expenses.....	\$ 24 31
SL 2	July 20	Mrs. Ross Breckenridge.....	Demonstration.....	40 00
SL 3	..do..	Tophams.....	Brief case.....	11 12
SL 4	..do..	A. C. McClurg & Co.....	Books.....	8 46
SL 5	..do..	Peck & Hills Furniture Co.....	Office desks.....	25 48
SL 6	July 24	J. M. Snodgrass.....	Traveling expenses.....	6 94
SL 7	..do..	Sena E. Williford.....	Wages, July, 1915.....	60 00
SL 8	July 28	C. C. Logan.....	Salary, July, 1915.....	150 00
SL 9	..do..	Mamie Bunch.....	..do..	83 33
SL 10	..do..	W. F. Handschin.....	..do..	52 08
SL 11	..do..	G. N. Coffey.....	..do..	75 00
SL 12	July 27	E. W. Rusk.....	County advisor.....	50 00
SL 13	..do..	C. J. Mann.....	..do..	80 00
SL 14	..do..	C. H. Osthout.....	..do..	50 00
SL 15	..do..	W. G. Eckhardt.....	..do..	50 00

## UNITED STATES SMITH-LEVER FUND WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1915			
SL 16	July 27	E. B. Heaton	County adviser	\$ 50 00
SL 17	do.	F. H. Demares	do.	50 00
SL 18	do.	L. W. Wise	do.	50 00
SL 19	do.	J. S. Collier	do.	50 00
SL 20	do.	J. E. Readhimer	do.	50 00
SL 21	do.	R. C. Bishop	do.	50 00
SL 22	do.	I. S. Brooks	do.	50 00
SL 23	do.	D. L. James	do.	50 00
SL 24	do.	D. O. Thompson	do.	50 00
SL 25	do.	Henry Truitt	do.	50 00
SL 26	do.	E. T. Robbins	do.	50 00
SL 27	do.	F. C. Grannis	do.	50 00
SL 28	do.	A. M. Teneyck	do.	50 00
SL 29	do.	F. D. Baldwin	do.	50 00
SL 30	do.	W. F. Handschin	Traveling expenses	32 87
SL 31	do.	Naomi Newburn	Canning demonstration	7 40
SL 32	do.	Mrs. Ross Breckenridge	do.	10 00
SL 33	do.	E. W. Donoho	do.	10 00
SL 34	do.	Olive Percival	Extension work	12 50
SL 35	do.	C. C. Logan	Traveling expenses	27 75
SL 36	do.	Western Union Telegraph Co.	Telegram	1 16
SL 37	Aug. 9	Central Union Telephone Co.	Exchange service	9 00
SL 38	do.	W. Lewis & Co.	Shades	3 75
SL 39	do.	Olive Percival	Extension work	22 00
SL 40	Aug. 18	M. E. Thompson, Cashier	Sundry bills	1 28
SL 41	do.	C. C. Logan	Salary, August, 1915	150 00
SL 42	do.	W. F. Handschin	do.	52 08
SL 43	do.	H. C. M. Case	do.	20 00
SL 44	do.	G. N. Coffey	do.	75 00
SL 45	do.	Mamie Bunch	do.	83 37
SL 46	Aug. 21	G. N. Coffey	Traveling expenses	17 89
SL 47	do.	H. C. M. Case	do.	65 82
SL 48	Aug. 22	C. C. Logan	do.	9 54
SL 49	do.	Smith & Co.	Ice books	4 00
SL 50	do.	Franklin Desk Factory	Typewriter desk	28 50
SL 51	Aug. 31	Hall Hardware Co.	Hardware	3 41
SL 52	do.	Fred J. Blackburn	Traveling expenses	11 49
SL 53	do.	C. C. Logan	do.	60 00
SL 54	do.	Sena E. Williford	Wages, August, 1915	50 00
SL 55	do.	E. W. Rusk	Salary as county advisor	50 00
SL 56	do.	C. J. Mann	do.	50 00
SL 57	do.	C. H. Oathout	do.	50 00
SL 58	do.	W. G. Eckhardt	do.	50 00
SL 59	do.	E. B. Heaton	do.	50 00
SL 60	do.	F. H. Demaree	do.	50 00
SL 61	do.	L. W. Wise	do.	50 00
SL 62	do.	J. S. Collier	do.	50 00
SL 63	do.	J. E. Readhimer	do.	50 00
SL 64	do.	R. C. Bishop	do.	50 00
SL 65	do.	I. S. Brooks	do.	50 00
SL 66	do.	D. L. James	do.	50 00
SL 67	do.	D. O. Thompson	do.	50 00
SL 68	do.	Henry Truitt	do.	50 00
SL 69	do.	E. T. Robbins	do.	50 00
SL 70	do.	F. C. Grannis	do.	50 00
SL 71	do.	A. M. Teneyck	do.	50 00
SL 72	do.	F. D. Baldwin	do.	50 00
SL 73	do.	W. B. Castenholz, Comptroller	Material furnished from University storeroom	37 25
SL 74	Sept. 9	M. E. Thompson, Cashier	Bills paid	10 66
SL 75	do.	C. C. Logan	Traveling expenses	44 61
SL 76	do.	C. C. Logan	do.	23 09
SL 77	Sept. 18	W. F. Handschin	do.	15 28
SL 78	do.	Mrs. L. V. Walcott	Demonstration school	30 00
SL 79	do.	Mrs. E. W. Donoho	do.	30 00
SL 80	do.	Fannie Brooks	do.	30 00
SL 81	do.	G. N. Coffey	Traveling expenses	17 43
SL 82	Sept. 21	Mrs. Ross Breckenridge	Conducting demonstrations	20 00
SL 83	do.	C. C. Logan	Traveling expenses	21 78
SL 84	do.	Miss Olive Percival	Conducting demonstrations	10 00
SL 85	do.	Miss Naomi Newburn	Canning demonstrations	20 00
SL 86	do.	Smith & Co.	Ice	2 00
SL 87	Sept. 24	Fred J. Blackburn	Traveling expenses	30 17
SL 88	do.	G. N. Coffey	do.	22 33
SL 89	do.	H. C. M. Case	do.	81 52
SL 90	do.	D. H. Lloyd	Mimeograph	13 50
SL 91	do.	C. C. Logan	Traveling expenses	28 55
SL 92	do.	W. F. Handschin	do.	20 66

## UNITED STATES SMITH-LEVER FUND WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
<b>1915</b>				
SL 93	Sept. 27	W. F. Handschin	Salary, September, 1915	\$ 52 08
SL 94	do.	G. N. Coffey	do.	75 00
SL 95	do.	H. C. M. Case	do.	40 00
SL 96	do.	C. C. Logan	do.	150 00
SL 97	do.	Mamie Bunch	do.	83 33
SL 98	do.	Fannie Brooks	do.	100 00
SL 99	do.	Olive Percival	do.	50 00
SL 100	do.	American School of Home Education	Books	16 20
SL 101	do.	E. W. Rusk	Salary, September, 1915	50 00
SL 102	do.	C. J. Mann	do.	50 00
SL 103	do.	C. H. Oathout	do.	50 00
SL 104	do.	W. G. Eckhart	do.	50 00
SL 105	do.	E. B. Heaton	do.	50 00
SL 106	do.	F. H. Demaree	do.	50 00
SL 107	do.	L. W. Wise	do.	50 00
SL 108	do.	J. S. Collier	do.	50 00
SL 109	do.	J. E. Readhimer	do.	50 00
SL 110	do.	R. C. Bishop	do.	50 00
SL 111	do.	I. S. Brooks	do.	50 00
SL 112	do.	D. L. Jones	do.	50 00
SL 113	do.	D. O. Thompson	do.	50 00
SL 114	do.	Henry Truitt	do.	50 00
SL 115	do.	E. T. Robbins	do.	50 00
SL 116	do.	F. C. Grannis	do.	50 00
SL 117	do.	A. M. Ten Eyck	do.	50 00
SL 118	do.	F. D. Baldwin	do.	50 00
SL 119	Sept. 30	Mamie Bunch	Traveling expenses	9 82
SL 120	do.	M. E. Thompson, Cashier	Bills paid	28 50
SL 121	do.	W. B. Castenholz, Comptroller	Material furnished from University storeroom	1 88
SL 122	Oct. 9	Grace Linder	Salary, September, 1915	100 00
SL 123	do.	J. F. Blackburn	do.	100 00
SL 124	Oct. 14	Florence Trimmer	Traveling expenses	7 12
SL 125	do.	Fred J. Blackburn	Salary, July 13 to Sept. 1, 1915	161 29
SL 126	do.	M. E. Thompson, Cashier	General clerical work	10 80
SL 127	do.	Dr. G. N. Coffey	Traveling expenses	9 07
SL 128	do.	D. H. Lloyd	Films	4 80
SL 129	Oct. 19	G. C. Willis	Muslin	2 50
SL 130	do.	C. C. Logan	Traveling expenses	21 80
SL 131	do.	Fred J. Blackburn	do.	10 00
SL 132	do.	Mamie Bunch	do.	25 00
SL 133	do.	M. E. Thompson, Cashier	Bills paid	2 14
SL 134	do.	W. F. Handschin	Traveling expenses	43 70
SL 135	Oct. 26	Harold C. M. Case	do.	12 95
SL 136	do.	Wozencraft & Finder	Gas cock and pipe	1 00
SL 137	do.	M. E. Thompson, Cashier	Bills paid	27 87
SL 138	Oct. 27	Fred J. Blackburn	Traveling expenses	16 69
SL 139	do.	Naomi Newburn	Demonstration service	5 00
SL 140	do.	W. F. Handschin	Salary, October, 1914	52 08
SL 141	do.	G. N. Coffey	do.	75 00
SL 142	do.	C. C. Logan	do.	150 00
SL 143	do.	W. T. Crandall	do.	150 00
SL 144	do.	W. W. Yapp	do.	116 66
SL 145	do.	W. B. Nevine	do.	83 33
SL 146	do.	B. S. Pickett	do.	266 66
SL 147	do.	A. J. Gunderson	do.	133 33
SL 148	do.	Mamie Bunch	do.	83 33
SL 149	do.	Olive Percival	do.	50 00
SL 150	do.	Grace Linder	do.	100 00
SL 151	do.	Fannie Brooks	do.	100 00
SL 152	do.	F. J. Blackburn	do.	100 00
SL 153	do.	H. C. M. Case	do.	40 00
SL 154	Oct. 30	E. W. Rusk	Demonstration service	50 00
SL 155	do.	C. J. Mann	do.	50 00
SL 156	do.	C. H. Oathout	do.	50 00
SL 157	do.	W. G. Eckhardt	do.	50 00
SL 158	do.	E. B. Heaton	do.	50 00
SL 159	do.	F. H. Demaree	do.	50 00
SL 160	do.	L. W. Wise	do.	50 00
SL 161	do.	J. S. Collier	do.	50 00
SL 162	do.	J. E. Readhimer	do.	50 00
SL 163	do.	R. C. Bishop	do.	50 00
SL 164	do.	I. S. Brooks	do.	50 00
SL 165	do.	D. L. Jones	do.	50 00
SL 166	do.	D. O. Thompson	do.	50 00
SL 167	do.	Henry Truitt	do.	50 00
SL 168	do.	E. T. Robbins	do.	50 00
SL 169	do.	F. C. Grannis	do.	50 00

## UNITED STATES SMITH-LEVER FUND WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1915			
SL 170	Oct. 30	A. M. Ten Eyck	Demonstration service	\$ 50 00
SL 171	..do..	F. D. Baldwin	..do..	50 00
SL 172	..do..	W. B. Castenholz, Comptroller	Material furnished from University storeroom	452 10
SL 173	..do..	Louden & Flaningam	Printing	10 50
SL 174	..do..	J. W. Butler Paper Co.	Office supplies	43 26
SL 175	Nov. 10	C. C. Logan	Traveling expenses	11 39
SL 176	..do..	M. E. Thompson, Cashier	Bills paid	33 75
SL 177	..do..	M. E. Thompson, Cashier	..do..	10 26
SL 178	..do..	Hotchkiss, Blue & Co.	Remodeling demonstration car	2,561 38
SL 179	..do..	Multiplex Display Fixture Co	Chart rack	10 00
SL 180	Nov. 12	Harold C. M. Case	Traveling expenses	20 88
SL 181	..do..	W. F. Handschin	..do..	35 62
SL 182	..do..	Cecil F. Baker	Preparing charts	20 00
SL 183	Nov. 16	G. W. Coffey	Traveling expenses	12 49
SL 184	..do..	W. F. Handschin	..do..	18 64
SL 185	Nov. 19	C. C. Logan	Salary, November, 1915	150 00
SL 186	..do..	W. T. Crandall	..do..	150 00
SL 187	..do..	W. W. Yapp	..do..	116 66
SL 188	..do..	W. B. Nevens	..do..	83 33
SL 189	..do..	B. S. Pickett	..do..	266 66
SL 190	..do..	A. J. Gunderson	..do..	133 33
SL 191	..do..	W. F. Handschin	..do..	52 08
SL 192	..do..	C. N. Coffey	..do..	75 00
SL 193	..do..	Grace Linder	..do..	100 00
SL 194	..do..	Fannie Brooks	..do..	100 00
SL 195	..do..	F. J. Blackburn	..do..	100 00
SL 197	..do..	Mamie Bunch	..do..	83 33
SL 198	..do..	H. C. M. Case	..do..	40 00
SL 199	..do..	M. E. Thompson, Cashier	Bills paid	5 27
SL 200	Nov. 26	W. H. Smith	Traveling expenses	17 29
SL 201	..do..	Illinois Traction System	Freight	2 50
SL 202	..do..	The Wabash Ry. Co.	..do..	18 96
SL 203	Nov. 30	Taylor Hardware Co.	General supplies	5 60
SL 204	..do..	Smith & Co.	..do..	2 00
SL 205	..do..	H. S. Capron, Treasurer	Material furnished from University storeroom	35 47
SL 206	..do..	George N. Coffey	Traveling expenses	35 09
SL 207	Dec. 4	W. F. Handschin	..do..	32 08
SL 208	..do..	H. C. M. Case	..do..	63 68
SL 209	Dec. 10	Dorothy Tyack	Wages, November, 1915	75 00
SL 210	..do..	Percival & Moorehead	General supplies	5 80
SL 211	..do..	Mamie Bunch	Traveling expenses	8 02
SL 212	..do..	E. W. Rusk	Salary	50 00
SL 213	..do..	C. J. Mann	..do..	50 00
SL 214	..do..	C. H. Oathout	..do..	50 00
SL 215	..do..	W. G. Echardt	..do..	50 00
SL 216	..do..	E. B. Heaton	..do..	50 00
SL 217	..do..	F. H. Demaree	..do..	50 00
SL 218	..do..	E. W. Wise	..do..	50 00
SL 219	..do..	J. S. Collier	..do..	50 00
SL 220	..do..	J. E. Readheimer	..do..	50 00
SL 221	..do..	R. C. Bishop	..do..	50 00
SL 222	..do..	E. S. Brooks	..do..	50 00
SL 223	..do..	D. L. James	..do..	50 00
SL 224	..do..	D. O. Thompson	..do..	50 00
SL 225	..do..	Henry Truitt	..do..	50 00
SL 226	..do..	E. T. Robbins	..do..	50 00
SL 227	..do..	F. C. Grannis	..do..	50 00
SL 228	..do..	A. M. Ten Eyck	..do..	50 00
SL 229	..do..	F. D. Baldwin	..do..	50 00
SL 230	..do..	Mamie Bunch	Traveling expenses	13 90
SL 231	Dec. 15	C. C. Logan	Salary, December, 1915	150 00
SL 232	..do..	W. T. Crandall	..do..	150 00
SL 233	..do..	B. S. Pickett	..do..	266 66
SL 234	..do..	A. J. Gunderson	..do..	133 33
SL 235	..do..	W. F. Handschin	..do..	52 08
SL 236	..do..	G. N. Coffey	..do..	75 00
SL 237	..do..	Grace Linder	..do..	100 00
SL 238	..do..	Fannie Brooks	..do..	100 00
SL 239	..do..	F. J. Blackburn	..do..	100 00
SL 240	..do..	Olive Percival	..do..	50 00
SL 241	..do..	Mamie Bunch	..do..	83 33
SL 242	..do..	H. C. M. Case	..do..	40 00
SL 243	..do..	George N. Coffey	Traveling expenses	10 49
SL 244	Dec. 22	M. E. Thompson, Cashier	Bills paid	3 65
SL 245	..do..	G. N. Coffey	Traveling expenses	16 42
SL 246	..do..	Illinois Traction System	Freight	2 50

## UNITED STATES SMITH-LEVER FUND WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
1915				
SL 247	Dec. 28	H. S. Capron, Treasurer.....	Material furnished from University storeroom.	\$ 51 25
SL 248	Dec. 31	E. W. Rusk.....	Salary, December, 1915.	50 00
SL 249	..do..	C. J. Mann.....	..do..	50 00
SL 250	..do..	C. H. Oathout.....	..do..	50 00
SL 251	..do..	W. G. Eckhardt.....	..do..	50 00
SL 252	..do..	E. B. Heaton.....	..do..	50 00
SL 253	..do..	F. H. Demaree.....	..do..	50 00
SL 254	..do..	L. W. Wise.....	..do..	50 00
SL 255	..do..	J. S. Collier.....	..do..	50 00
SL 256	..do..	J. E. Readhimer.....	..do..	50 00
SL 257	..do..	R. C. Bishop.....	..do..	50 00
SL 258	..do..	I. S. Brooks.....	..do..	50 00
SL 259	..do..	D. L. James.....	..do..	50 00
SL 260	..do..	D. O. Thompson.....	..do..	50 00
SL 261	..do..	Henry Truitt.....	..do..	50 00
SL 262	..do..	E. T. Robbins.....	..do..	50 00
SL 263	..do..	F. C. Grannis.....	..do..	50 00
SL 264	..do..	A. M. TenEyck.....	..do..	50 00
SL 265	..do..	F. D. Baldwin.....	..do..	50 00
SL 266	..do..	Dorothy Tyack.....	Salary.....	75 00
SL 267	..do..	W. F. Handschin.....	Traveling expenses.....	37 09
1916				
SL 268	Jan. 5	M. E. Thompson, Cashier.....	Bills paid.....	3 14
SL 269	Jan. 12	M. E. Thompson, Cashier.....	Sundry bills.....	1 27
SL 270	..do..	M. E. Thompson, Cashier.....	Labor bills.....	3 38
SL 271	..do..	Peck & Hills Furniture Co.....	Mirror.....	2 72
SL 272	Jan. 17	C. C. Logan.....	Salary, January, 1916.....	150 00
SL 273	..do..	D. O. Barto.....	..do..	200 00
SL 274	..do..	W. H. Smith.....	..do..	166 66
SL 275	..do..	W. T. Crandall.....	..do..	150 00
SL 276	..do..	B. S. Pickett.....	..do..	266 66
SL 277	..do..	A. J. Gunderson.....	..do..	133 33
SL 278	..do..	Grace Linder.....	..do..	100 00
SL 279	..do..	Fannie Brooks.....	..do..	100 00
SL 280	..do..	F. J. Blackburn.....	..do..	100 00
SL 281	..do..	Mamie Bunch.....	..do..	83 33
SL 282	..do..	Olive Percival.....	..do..	50 00
SL 283	..do..	W. F. Handschin.....	..do..	52 08
SL 284	..do..	G. N. Coffey.....	..do..	75 00
SL 285	..do..	H. C. M. Case.....	..do..	40 00
SL 286	..do..	Illinois Traction System.....	Freight.....	10 00
SL 287	..do..	H. D. A. Grobe.....	Repair and labor.....	17 00
SL 288	Jan. 21	Illinois State Reformatory.....	Printed sheets.....	39 60
SL 289	..do..	George N. Coffey.....	Traveling expenses.....	26 43
SL 290	..do..	Central Union Telephone Co.....	Exchange service.....	9 00
SL 291	Jan. 26	C. A. Kiler.....	Laboratory apparatus.....	1 00
SL 292	..do..	Mamie Bunch.....	Traveling expenses.....	12 26
SL 293	..do..	J. E. Readhimer.....	..do..	23 49
SL 294	..do..	M. E. Thompson, Cashier.....	Sundry bills.....	2 44
SL 295	..do..	W. F. Handschin.....	Traveling expenses.....	31 35
SL 296	Jan. 27	G. C. Willis.....	Laboratory supplies.....	5 88
SL 297	Jan. 31	E. W. Rusk.....	Salary, January, 1916.....	50 00
SL 298	..do..	C. J. Mann.....	..do..	50 00
SL 299	..do..	C. H. Oathout.....	..do..	50 00
SL 300	..do..	W. G. Eckhardt.....	..do..	50 00
SL 301	..do..	E. B. Heaton.....	..do..	50 00
SL 302	..do..	F. H. Demaree.....	..do..	50 00
SL 303	..do..	L. W. Wise.....	..do..	50 00
SL 304	..do..	J. S. Collier.....	..do..	50 00
SL 305	..do..	J. E. Readhimer.....	..do..	50 00
SL 306	..do..	R. C. Bishop.....	..do..	50 00
SL 307	..do..	I. S. Brooks.....	..do..	50 00
SL 308	..do..	D. L. James.....	..do..	50 00
SL 309	..do..	D. O. Thompson.....	..do..	50 00
SL 310	..do..	E. T. Robbins.....	..do..	50 00
SL 311	..do..	F. C. Grannis.....	..do..	50 00
SL 312	..do..	A. M. TenEyck.....	..do..	50 00
SL 313	..do..	F. D. Baldwin.....	..do..	50 00
SL 314	..do..	M. L. Mosher.....	..do..	50 00
SL 315	..do..	The University Press.....	Printing.....	14 00
SL 316	..do..	H. S. Capron, Treasurer.....	Material furnished from University storeroom.....	91 75
SL 317	Feb. 10	Illinois Traction System.....	Freight.....	5 00
SL 318	..do..	Orr & Lockett Hardware Co.....	Table.....	12 00
SL 319	..do..	Dorothy Tyack.....	Salary, January, 1916.....	75 00
SL 320	Feb. 14	H. C. M. Case.....	Reimbursement.....	1 83
SL 321	..do..	H. C. M. Case.....	Traveling expense.....	7 50



## UNITED STATES SMITH-LEVER FUND WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1916			
SL 322	Feb. 14	George N. Coffey	Traveling expense	\$ 11 82
SL 323	do.	M. E. Thompson, Cashier	Telephone bills	1 05
SL 324	do.	G. C. Willis	General supplies	1 71
SL 325	Feb. 21	J. W. Connaway	Traveling expense	75 20
SL 326	do.	Grace Linder	do	15 15
SL 327	do.	M. E. Thompson, Cashier	do	1 59
SL 328	Feb. 24	George N. Coffey	do	25 02
SL 329	do.	H. C. M. Case	do	20 20
SL 330	Feb. 28	Dorothy Tyacke	Salary, February, 1916	75 00
SL 331	do.	C. C. Logan	do	150 00
SL 332	do.	D. O. Barto	do	200 00
SL 333	do.	W. H. Smith	do	166 66
SL 334	do.	W. T. Crandall	do	150 00
SL 335	do.	B. S. Pickett	do	266 66
SL 336	do.	A. J. Gunderson	do	133 33
SL 337	do.	Grace Linder	do	100 00
SL 338	do.	Fannie Brooks	do	100 00
SL 339	do.	F. J. Blackburn	do	110 00
SL 340	do.	Mamie Bunch	do	83 33
SL 341	do.	Olive Percival	do	50 00
SL 342	do.	W. F. Handschin	do	52 08
SL 343	do.	G. N. Coffey	do	75 00
SL 344	do.	H. C. M. Case	do	40 00
SL 345	do.	H. L. Reitz	do	100 00
SL 346	do.	W. E. Joseph	do	150 00
SL 347	do.	H. H. Mitchell	do	150 00
SL 348	do.	L. E. Thorne	do	50 00
SL 349	do.	E. W. Bailey	do	200 00
SL 350	do.	Fred J. Blackburn	Traveling expense	26 97
SL 351	do.	M. E. Thompson, Cashier	Telephone bills	7 86
SL 352	do.	E. W. Rusk	Salary, February, 1916	50 00
SL 353	do.	C. J. Mann	do	50 00
SL 354	do.	C. H. Oathout	do	50 00
SL 355	do.	W. G. Eckhardt	do	50 00
SL 356	do.	E. B. Heaton	do	50 00
SL 357	do.	F. H. Demaree	do	50 00
SL 358	do.	L. W. Wise	do	50 00
SL 359	do.	J. S. Collier	do	50 00
SL 360	do.	J. E. Readhimer	do	50 00
SL 361	do.	R. C. Bishop	do	50 00
SL 362	do.	I. S. Brooks	do	50 00
SL 363	do.	D. O. Thompson	do	50 00
SL 364	do.	E. T. Robbins	do	50 00
SL 365	do.	F. G. Grannis	do	50 00
SL 366	do.	A. M. TenEyck	do	50 00
SL 367	do.	P. D. Baldwin	do	50 00
SL 368	do.	M. L. Mosher	do	50 00
SL 369	Feb. 29	H. S. Capron, Treasurer	Material furnished from University storeroom	27 00
SL 370	Mar. 11	The Globe-Wernicke Co.	Shelves	2 40
SL 371	do.	W. F. Handschin	Traveling expense	18 36
SL 372	do.	George N. Coffey	do	13 75
SL 373	do.	Chicago, Burlington & Quincy R. R. Co.	Building repairs	34 24
SL 374	do.	Percival & Moorehead	Laboratory supplies	2 55
SL 375	Mar. 22	H. S. Capron, Treasurer	Office supplies	9 67
SL 376	do.	C. C. Logan	Salary, March, 1916	150 00
SL 377	do.	D. O. Barto	do	200 00
SL 378	do.	W. H. Smith	do	166 66
SL 379	do.	W. T. Crandall	do	150 00
SL 380	do.	F. J. Blackburn	do	100 00
SL 381	do.	Grace Linder	do	100 00
SL 382	do.	Fannie Brooks	do	100 00
SL 383	do.	Olive Percival	do	50 00
SL 384	do.	Mamie Bunch	do	83 33
SL 385	do.	W. F. Handschin	do	52 08
SL 386	do.	G. N. Coffey	do	75 00
SL 387	do.	Dorothy Tyacke	do	75 00
SL 388	do.	H. C. M. Case	do	40 00
SL 389	Mar. 31	H. S. Capron, Treasurer	Material furnished from University storeroom	67 43
SL 390	do.	E. W. Rusk	Salary, March, 1916	50 00
SL 391	do.	C. J. Mann	do	50 00
SL 392	do.	C. H. Oathout	do	50 00
SL 393	do.	W. G. Eckhardt	do	50 00
SL 394	do.	E. B. Heaton	do	50 00
SL 395	do.	F. H. Demaree	do	50 00
SL 396	do.	L. W. Wise	do	50 00
SL 397	do.	J. S. Collier	do	50 00

## UNITED STATES SMITH-LEVER FUND WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
<b>1916</b>				
SL 398	Mar. 31	J. E. Readhimer	Salary, March, 1916	\$ 50 00
SL 399	do.	L. S. Griffith	do.	43 32
SL 400	do.	R. C. Bishop	do.	50 00
SL 401	do.	I. S. Brooks	do.	50 00
SL 402	do.	F. D. Baldwin	do.	50 00
SL 403	do.	D. O. Thompson	do.	50 00
SL 404	do.	E. T. Robbins	do.	50 00
SL 405	do.	F. C. Grannis	do.	50 00
SL 406	do.	A. M. Ten Eyck	do.	50 00
SL 407	do.	M. L. Mosher	do.	50 00
SL 408	do.	G. N. Coffey	Traveling expense	34 80
SL 409	do.	W. F. Handschin	do.	26 03
SL 410	do.	Rand, McNally & Co.	General supplies	2 91
SL 411	do.	M. E. Thompson, Cashier	Express bills	12 49
SL 412	do.	H. C. M. Case	Traveling expense	61 87
SL 413	Apr. 13	W. F. Handschin	do.	12 84
SL 414	do.	Kankakee County Home Improvement Association	Salary	750 00
SL 415	Apr. 18	F. K. Robeson	Door mat	1 50
SL 416	do.	G. N. Coffey	Traveling expense	19 65
SL 417	do.	The University of Illinois Supply Store	General supplies	13 19
SL 418	Apr. 21	Isabel Bevier	Traveling expense	14 89
SL 419	Apr. 24	Mamie Bunch	do.	16 14
SL 420	do.	W. F. Handschin	do.	19 78
SL 421	do.	C. C. Logan	Salary, April, 1916	150 00
SL 422	do.	D. O. Barto	do.	200 00
SL 423	do.	W. H. Smith	do.	166 66
SL 424	do.	W. T. Crandall	do.	150 00
SL 425	do.	F. J. Blackburn	do.	100 00
SL 426	do.	Grace Linder	do.	100 00
SL 427	do.	Fannie Brooks	do.	100 00
SL 428	do.	Olive Percival	do.	50 00
SL 429	do.	Mamie Bunch	do.	83 33
SL 430	do.	W. F. Handschin	do.	52 08
SL 431	do.	G. N. Coffey	do.	75 00
SL 432	do.	Dorothy Tyacke	do.	75 00
SL 433	do.	H. C. M. Case	do.	40 00
SL 434	Apr. 28	H. S. Capron, Treasurer	Material furnished from University storeroom	37 37
SL 435	Apr. 29	E. W. Rusk	Salary, April	50 00
SL 436	do.	C. J. Mann	do.	50 00
SL 437	do.	C. H. Oathout	do.	50 00
SL 438	do.	W. G. Eckhardt	do.	50 00
SL 439	do.	E. B. Beaton	do.	50 00
SL 440	do.	F. H. Demaree	do.	50 00
SL 441	do.	L. W. Wise	do.	50 00
SL 442	do.	J. S. Collier	do.	50 00
SL 443	do.	J. E. Readhimer	do.	50 00
SL 444	do.	L. S. Griffith	do.	50 00
SL 445	do.	R. C. Bishop	do.	50 00
SL 446	do.	I. S. Brooks	do.	50 00
SL 447	do.	F. D. Baldwin	do.	50 00
SL 448	do.	D. O. Thompson	do.	50 00
SL 449	do.	E. T. Robbins	do.	50 00
SL 450	do.	F. C. Grannis	do.	50 00
SL 451	do.	A. M. Ten Eyck	do.	50 00
SL 452	do.	M. L. Mosher	do.	50 00
SL 453	do.	M. E. Thompson	Labor bills	13 30
SL 454	do.	M. E. Thompson	Telephone	9 43
SL 455	do.	Dan G. Swannell	Incidentals	2 50
SL 456	May 15	H. C. M. Case	Traveling expense	53 47
SL 457	do.	George N. Coffey	do.	33 89
SL 458	do.	Central Union Telephone Co	Telephone and telegraph	9 00
SL 459	do.	Smith & Co.	General supplies	4 00
SL 460	do.	Naomi Newburn	Lecture and recitals	16 60
SL 461	do.	Big Four Freight	Freight	1 78
SL 462	do.	M. E. Thompson, Cashier	Labor	8 00
SL 463	May 18	W. T. Crandall	Traveling expense	10 18
SL 464	do.	Geo. N. Coffey	do.	7 92
SL 465	do.	C. M. & St. P. Ry	Machine repairs	3 31
SL 466	May 23	Dorothy Tyacke	Salary, May, 1916	75 00
SL 467	do.	C. C. Logan	do.	150 00
SL 468	do.	D. O. Barto	do.	100 00
SL 469	do.	W. H. Smith	do.	166 66
SL 470	do.	H. A. Ruehe	do.	150 00
SL 471	do.	W. F. Handschin	do.	52 08
SL 472	do.	G. N. Coffey	do.	75 00
SL 473	do.	F. J. Blackburn	do.	100 00

## UNITED STATES SMITH-LEVER FUND WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1916			
SL 474	May 23	Grace Linder	Salary, May, 1915	\$100 00
SL 475	do.	Fannie Brooks	do	100 00
SL 476	do.	Olive Percival	do	50 00
SL 477	do.	Mamie Bunch	do	83 33
SL 478	do.	H. C. M. Case	do	40 00
SL 479	do.	Tura Hawk	Traveling expenses	32 05
SL 480	do.	M. E. Thompson, Cashier	Telephone bills	8 70
SL 481	May 30	H. S. Capron, Treasurer	Material furnished from University storeroom	267 24
SL 482	do.	Weimer & Schweinberg	Laboratory apparatus	4 50
SL 483	do.	G. N. Coffey	Traveling expense	11 91
SL 484	do.	H. C. M. Case	do	67 07
SL 485	do.	M. E. Thompson, Cashier	Miscellaneous	8 55
SL 486	do.	E. W. Rusk	Salary	50 00
SL 487	do.	C. J. Mann	do	50 00
SL 488	do.	C. H. Oathout	do	50 00
SL 489	do.	W. G. Eckhardt	do	50 00
SL 490	do.	E. B. Heaton	do	50 00
SL 491	do.	F. H. Demaree	do	50 00
SL 492	do.	L. W. Wise	do	50 00
SL 493	do.	J. S. Collier	do	50 00
SL 494	do.	J. E. Readhimer	do	50 00
SL 495	do.	L. S. Griffith	do	50 00
SL 496	do.	R. C. Bishop	do	50 00
SL 497	do.	I. S. Brooks	do	50 00
SL 498	do.	F. D. Baldwin	do	50 00
SL 499	do.	D. O. Thompson	do	50 00
SL 500	do.	W. E. Hedgcock	do	50 00
SL 501	do.	E. T. Robbins	do	50 00
SL 502	do.	F. C. Grannis	do	50 00
SL 503	do.	A. M. TenEyck	do	50 00
SL 504	do.	M. L. Mosher	do	50 00
SL 505	do.	E. J. Gafke	do	50 00
SL 506	June 1	Geo. N. Coffey	Traveling expenses	18 02
SL 507	do.	M. E. Thompson, Cashier	Miscellaneous	4 30
SL 508	June 12	Wabash Ry. Co., Urbana	Freight	6 00
SL 509	do.	Geo. N. Coffey	Traveling expenses	6 19
SL 510	do.	Big Four Ry. Co., Urbana	Freight	1 95
SL 511	do.	W. F. Handschin	Traveling expenses	27 77
SL 512	do.	Grace Linder	do	18 36
SL 513	June 19	Globe-Wernicke Co.	Furniture and fixtures	31 50
SL 514	do.	Naomi Newburn	Salary	30 00
SL 515	do.	H. C. M. Case	Traveling expenses	17 09
SL 516	do.	F. J. Blackburn	do	9 50
SL 517	do.	H. S. Capron, Treasurer	Material furnished from University storeroom	46 14
SL 518	June 24	M. E. Thompson, Cashier	Miscellaneous	5 25
SL 519	do.	Big Four Ry., Urbana	Freight	2 38
SL 520	do.	W. F. Handschin	Traveling expenses	24 02
SL 521	do.	Mrs. E. W. Donoho	Museum specimens	87 64
SL 522	do.	Fred J. Blackburn	Traveling expenses	168 01
SL 523	do.	Peck & Hills Furniture Co.	Desk	25 48
SL 524	do.	M. E. Thompson, Cashier	Miscellaneous	16 88
SL 525	do.	C. J. Mann	Salary	50 00
SL 526	do.	C. H. Oathout	do	50 00
SL 527	do.	W. G. Eckhardt	do	50 00
SL 528	do.	E. B. Heaton	do	50 00
SL 529	do.	F. H. Demaree	do	50 00
SL 530	do.	L. W. Wise	do	50 00
SL 531	do.	J. S. Collier	do	50 00
SL 532	do.	J. E. Readhimer	do	50 00
SL 533	do.	L. S. Griffith	do	50 00
SL 534	do.	R. C. Bishop	do	50 00
SL 535	do.	I. S. Brooks	do	50 00
SL 536	do.	F. D. Baldwin	do	50 00
SL 537	do.	A. J. Gafke	do	100 00
SL 538	do.	D. O. Thompson	do	50 00
SL 539	do.	W. E. Hedgcock	do	50 00
SL 540	do.	E. T. Robbins	do	50 00
SL 541	do.	F. C. Grannis	do	50 00
SL 542	do.	A. M. TenEyck	do	50 00
SL 543	do.	M. L. Mosher	do	50 00
SL 544	do.	E. W. Rusk	do	50 00
SL 545	do.	C. C. Logan	do	150 00
SL 546	do.	D. O. Barto	do	171 59
SL 547	do.	W. H. Smith	do	166 66
SL 548	do.	H. A. Ruehe	do	150 00
SL 549	do.	W. T. Crandall	do	150 00

## UNITED STATES SMITH-LEVER FUND WARRANTS—Concluded.

No.	Date.	To whom.	For what.	Amount.
1916				
SL 550	June 24	F. J. Blackburn.....	Salary.....	\$100 00
SL 551	..do..	Grace Linder.....	..do.....	100 00
SL 552	..do..	Fannie Brooks.....	..do.....	100 00
SL 553	..do..	Olive Percival.....	..do.....	50 00
SL 554	..do..	Mamie Bunch.....	..do.....	83 33
SL 555	..do..	W. F. Handschin.....	..do.....	52 08
SL 556	..do..	G. N. Coffey.....	..do.....	75 00
SL 557	..do..	Dorothy Tyacke.....	..do.....	75 00
SL 558	..do..	H. C. M. Case.....	..do.....	40 00
SL 559	June 29	Smith & Co.....	Office equipment (ice).....	12 00
SL 560	..do..	J. D. Biltsborow.....	Traveling expenses.....	54 28
SL 561	..do..	Exide Battery Depots.....	General supplies.....	22 38
SL 562	..do..	Metzler & Schafer Co.....	..do.....	1 58
SL 563	..do..	Dorothy Smith.....	Salary.....	70 00
SL 564	..do..	Wabash Ry., Urbana.....	Freight.....	48
SL 565	..do..	G. C. Willis.....	Laboratory supplies.....	5 31
SL 566	..do..	Brokaw-Eden Mfg. Co.....	Freight.....	1 89
SL 567	..do..	Geo. N. Coffey.....	Traveling expenses.....	17 43
SL 568	..do..	H. S. Capron, Treasurer.....	Material furnished from University storeroom.....	144 09
SL 569	..do..	M. E. Thompson, Cashier.....	Miscellaneous.....	13 06
SL 570	..do..	M. E. Thompson, Cashier.....	..do.....	3 50
SL 571	June 30	H. S. Capron, Treasurer.....	Material furnished from University storeroom.....	14 39
SL 572	..do..	H. S. Capron, Treasurer.....	..do.....	11 90
SL 573	..do..	H. C. M. Case.....	Traveling expenses.....	9 99
SL 574	..do..	John Lauson Mfg. Co.....	Gas engine.....	121 76
SL 575	..do..	Multiplex Display Fixture Co.....	Furniture and fixtures.....	53 90
SL 576	..do..	Montgomery Ward & Co.....	Angle lamp.....	5 40
SL 577	..do..	W. Lewis & Co.....	Laboratory supplies.....	9 90
SL 578	..do..	Ideal Electric Co.....	Machinery and tools.....	10 50
SL 579	..do..	Addressograph Co.....	Office supplies.....	8 06
SL 580	..do..	Kewaunee Private Utilities Co.....	Tanks.....	135 49
SL 581	..do..	Taylor Hardware Co.....	Machinery and tools.....	41 15
SL 582	..do..	D. O. Barto.....	Salary balance.....	1 00
SL 583	..do..	Franklin Desk Co.....	Furniture and fixtures.....	19 95
SL 584	..do..	Globe-Wernicke Co.....	..do.....	58 50
SL 585	..do..	J. W. Butler Paper Co.....	Office supplies.....	7 88
SL 586	..do..	Kewaunee Private Utilities Co.....	Machinery and tools.....	593 60
SL 587	..do..	American Ironing Machine Co.....	Ironing machine.....	87 00
SL 588	..do..	M. E. Thompson, Cashier.....	Miscellaneous.....	40 24
SL 589	..do..	University Press.....	Publications.....	166 25
SL 590	..do..	Mantle Lamp Co.....	Lamp and mantles.....	5 10
SL 591	..do..	Peck & Hills Furniture Co.....	Furniture and fixtures.....	47 53
SL 592	..do..	American Radiator Co.....	Vacuum cleaner.....	97 75
SL 593	..do..	Pantagraph Printing & Stationery Co.....	Publications.....	327 80
SL 594	..do..	Globe-Wernicke Co.....	Furniture and fixtures.....	55 92
SL 595	..do..	J. W. Butler Paper Co.....	Office supplies.....	109 37
SL 596	..do..	D. H. Lloyd.....	Office supplies, furniture and fixtures.....	47 88
SL 597	..do..	J. J. Hall & Son.....	Furniture and fixtures.....	40 00
SL 598	..do..	Chas. E. Prentice.....	Laboratory supplies.....	1 25
SL 599	..do..	L. C. Smith & Bros.....	Typewriter.....	76 55
SL 600	..do..	B. A. Strauch.....	Photographs.....	1 25
SL 601	..do..	DeLavel Separator Co.....	Separator pulley.....	42 50
SL 602	..do..	H. S. Capron, Treasurer.....	Material furnished from University storeroom.....	2 09

## IV. TRUSTS FUND WARRANTS.

No.	Date.	By whom.	For what.	Amount.
1915				
1	July 3	J. M. Lindgren.....	Salary, June, parr deposits.....	\$150 00
2	July 14	The Standard Calorimeter Co.....	Laboratory supplies.....	15 55
3	..do..	Bruce H. Corzine.....	Loan from M. Lange James loan fund.....	250 00
4	..do..	Niels H. Debel.....	Loan from the W. B. McKinley loan fund.....	200 00
5	July 16	L. E. Knorr, Assistant Comptroller.....	Rebates on account of Key deposits.....	1 50

## TRUSTS FUND WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
6	July 16	Paul K. Knight.	Part loan from the Edward Snyder fund.	\$ 30 00
7	July 29	J. M. Lindgren.	Salary as chemist, July, 1915.	150 00
8	..do.	F. H. Whittum.	Salary as assistant chemist, July, 1915.	100 00
9	Aug. 6	Mrs. Huntington Wilson.	Return of lectureship fund, Wilson Lectureship Fund.	100 00
10	Aug. 11	Paul Knight.	Balance of loan, Edward Snyder fund.	170 00
11	Aug. 13	M. E. Thompson, Cashier.	Refund Key deposits.	8 50
12	Aug. 16	George Huff, Director.	Cash advanced on account towel fund.	30 00
13	Aug. 26	W. L. Abbott.	Investment Plym Fellowship.	2,020 96
14	Aug. 28	M. E. Thompson.	Refund Key deposits.	4 50
15	Sept. 7	Paul Arndt.	Margaret L. James loan.	100 00
16	..do.	Helen G. Stevens.	..do.	150 00
17	..do.	Morris C. Winaker.	..do.	200 00
18	..do.	Charles W. Wray.	..do.	300 00
19	Sept. 7	Agnes Wright.	..do.	350 00
20	..do.	John L. Auten.	..do.	200 00
*21	..do.	Marvel Martin.	..do.	150 00
22	..do.	David J. Campbell.	Edward Snyder loan fund.	125 00
23	..do.	William F. Campbell.	..do.	150 00
24	..do.	Paul J. Leach.	..do.	200 00
25	Sept. 9	J. M. Lindgren.	Parr deposits, part salary for August.	69 00
26	..do.	F. H. Whittum.	..do.	47 00
27	..do.	Mrs. Mary J. Snyder.	Snyder fund, interest for six months ending September 30.	300 00
28	Sept. 24	M. J. McClelland.	McKinley loan.	250 00
29	..do.	David R. Jones.	..do.	250 00
30	..do.	Harold B. Rose.	Snyder loan.	200 00
31	..do.	Granville L. Rigg.	..do.	200 00
32	Sept. 18	Frank B. Hanson.	..do.	100 00
33	Sept. 29	G. L. Freund.	McKinley loan.	75 00
34	..do.	W. T. Martin.	..do.	250 00
35	..do.	J. P. Zaleske.	..do.	150 00
36	..do.	B. A. Hedges.	Margaret L. James loan.	150 00
37	..do.	Frances J. Perkins.	..do.	300 00
38	..do.	F. M. Van Natter.	..do.	200 00
39	Oct. 5	M. E. Thompson.	Rebates, military suits.	582 20
40	..do.	Elodia Ferne Harris.	Margaret L. James loan.	100 00
41	..do.	J. M. Lindgren.	Parr deposits, balance August salary.	81 00
42	..do.	F. H. Whittum.	..do.	53 00
43	..do.	F. H. Whittum.	Parr deposits, part September salary.	50 00
44	Oct. 9	M. E. Thompson, Cashier.	Rebates, military suits.	468 60
45	Oct. 15	M. E. Thompson, Cashier.	..do.	143 40
46	Oct. 15	M. E. Thompson, Cashier.	Rebates Key deposits.	6 50
47	..do.	C. F. Olson.	Margaret L. James loan.	100 00
48	..do.	Lewis A. Moore.	..do.	100 00
49	..do.	Roy Thos. Hecketsweiler.	..do.	100 00
50	..do.	Olav Madsen.	McKinley loan.	100 00
51	..do.	M. E. Thompson, Cashier.	Rebates military suits.	99 40
52	..do.	M. E. Thompson, Cashier.	..do.	85 20
53	Oct. 29	S. B. Fracker.	Return of deposits for Thesis prtg.	75 00
54	..do.	Robert N. Wilford.	Snyder loan.	150 00
55	Nov. 4	M. E. Thompson, Cashier.	Rebates military suits.	56 80
56	Nov. 5	Lewis Albert Moore.	Snyder loan.	100 00
57	..do.	Max J. Kadinsky.	..do.	150 00
58	..do.	Frank A. Kopf.	McKinley loan.	150 00
59	Nov. 11	J. M. Lindgren.	Parr deposits, September salary.	137 50
60	..do.	F. H. Whittum.	Parr deposits, September and October salary.	100 00
61	..do.	Everett F. Murphy.	McKinley loan.	200 00
62	..do.	Lemuel E. Minnis.	James loan.	150 00
63	Nov. 13	M. E. Thompson, Cashier.	Rebates military suits.	115 00
64	..do.	M. E. Thompson, Cashier.	Rebates, Key deposits.	50
644	..do.	M. E. Thompson, Cashier.	Rebates, Parr deposits.	15 50
65	Nov. 19	M. E. Thompson, Cashier.	Rebates, military suits.	85 20
66	Nov. 24	M. E. Thompson, Cashier.	..do.	14 20
67	Dec. 7	M. E. Thompson, Cashier.	..do.	14 20
68	Dec. 17	M. E. Thompson, Cashier.	..do.	28 40
684	..do.	M. E. Thompson, Cashier.	Rebates, Key deposits.	1 00
69	Dec. 22	Chester A. Williams.	Snyder fund loan.	50 00
70	..do.	Oliver S. Imes.	McKinley loan.	150 00
71	..do.	Geddes W. Rutherford.	Graduate Club loan.	25 00

## TRUSTS FUND WARRANTS—Continued.

No.	Date.	To whom.	For what.	Amount.
1915				
72	Dec. 22	M. E. Thompson, Cashier	Military rebates	\$ 43 10
73	Dec. 23	Harry V. Heimbürger	Graduate loan	50 00
74	Dec. 29	Frank B. Hanson	Snyder loan	100 00
1916				
75	Jan. 3	J. M. Lindgren	Parr deposits, part October salary	50 00
76	.do.	F. H. Whittum	.do.	50 00
77	Jan. 6	Alfredo Santiago	McKinley loan	50 00
78	.do.	Olav Madsen	.do.	100 00
79	.do.	F. A. Kopf	.do.	100 00
80	.do.	Oliver S. Imes	.do.	100 00
81	.do.	Roy T. Hecketsweiler	.do.	100 00
82	.do.	T. F. Strong	Snyder loan	150 00
83	.do.	Frank O. Carroll	.do.	50 00
84	Jan. 13	M. E. Thompson, Cashier	Rebates, Key deposits and military	3 65
85	.do.	Jacob Reeds Sons	Military suits	15,233 95
86	Jan. 15	C. F. Belshaw	McKinley loan	150 00
87	.do.	Elliott Billman	Snyder loan	50 00
88	.do.	E. C. Swartout	.do.	150 00
89	Jan. 18	J. W. Wood	Refund on Thesis deposit	50 00
90	Jan. 25	M. E. Thompson, Cashier	Rebates, military, \$1.55; Key deposits, \$0.50	2 05
91	.do.	F. H. Whittum	Salary paid from Parr deposits	304 00
92	.do.	J. M. Lindgren	.do.	487 00
93	.do.	Mr. Steinhoff	.do.	15 00
94	Jan. 28	J. F. Brandon	Snyder loan	200 00
95	.do.	R. H. Perrott	McKinley loan	200 00
96	.do.	E. T. Gants	James loan	100 00
97	.do.	L. C. MacMillan	.do.	50 00
*98	.do.	C. L. Ritts	.do.	100 00
99	Feb. 3	George Huff	Rebates of towels	100 00
100	Feb. 16	George Huff	.do.	40 00
101	.do.	Everett F. Murphy	McKinley loan	50 00
102	.do.	Paul Hannush	.do.	100 00
103	Feb. 22	R. G. Dunn & Co.	McKinley interest	42 44
104	Feb. 23	Mrs. George E. Frazer	Interest on James loan fund	125 00
105	Feb. 28	George F. Binder	McKinley loan	150 00
106	.do.	Granville L. Riggs	James loan	200 00
107	.do.	Truman J. Strong	Snyder loan	50 00
108	.do.	Edgar C. Swartout	.do.	50 00
109	.do.	Chester A. Williams	.do.	50 00
110	Feb. 29	M. E. Thompson, Cashier	Rebates, Key deposits, \$1.50; American Tar Products, \$13.60	15 10
111	.do.	J. M. Lindgren	Salary paid from Parr deposits	150 00
112	.do.	F. H. Whittum	.do.	100 00
113	.do.	F. L. Steinhoff	.do.	17 75
114	Mar. 7	John L. McNally	Snyder loan	125 00
115	.do.	R. W. School	Salary for February, Parr deposits	6 75
116	Mar. 15	The Standard Calorimeter Co.	Parr deposits	4 55
117	Mar. 16	Louis C. Mathewson	Thesis refund	75 00
118	.do.	Fred Geo. Olbrich	Snyder loan	100 00
119	.do.	F. W. Rutherford	Graduate School loan	15 00
120	.do.	Leo G. McAfee	Snyder loan	100 00
121	.do.	R. M. Gowd	Class of 1895 loan	25 00
122	.do.	Gustave Louis Freund	McKinley loan	50 00
123	.do.	Edmund Mathew Finn	.do.	50 00
124	.do.	Chas. Arthur Drake	Snyder loan	125 00
*125	.do.	Henry Lee Berline	.do.	150 00
126	.do.	E. C. O. Beatty	.do.	75 00
127	.do.	John D. Culp	McKinley loan	50 00
128	Mar. 21	Flanagan-Pearson Co.	Parr deposits	16 50
129	Mar. 23	Jacob Reed's Sons	Military suits	58 20
130	Mar. 30	M. E. Thompson, Cashier	Key deposits, \$3.00; American Tar Products, \$8.00	11 00
131	Apr. 1	J. M. Lindgren	Salary for March, Parr deposits	150 00
132	.do.	F. H. Whittum	.do.	100 00
133	.do.	R. F. Scholl	.do.	11 00
134	.do.	C. F. Belshaw	McKinley loan	100 00
135	.do.	R. T. Hecketsweiler	.do.	50 00
136	.do.	C. W. Brown	Snyder loan	75 00
137	Apr. 6	Chester A. Williams	.do.	50 00
138	.do.	H. B. Rose	.do.	50 00
139	.do.	Howard E. Lamb	McKinley loan	50 00
140	Apr. 8	M. E. Thompson, Cashier	Parr deposits	7 60
141	Apr. 12	Elliott Billman	Snyder loan	50 00
142	.do.	C. B. Price	.do.	50 00
143	Apr. 20	Lewis A. Moore	.do.	100 00
144	.do.	Sampson Raphaelson	.do.	25 00

## TRUSTS FUND WARRANTS—Concluded.

No.	Date.	To whom.	For what.	Amount.
	1916			
145	Apr. 20	M. E. Thompson, Cashier	Key deposits	\$ 2 00
146	Apr. 29	J. M. Lindgren	Salary, Parr deposits	150 00
147	..do..	F. H. Whittum	..do..	100 00
148	..do..	Mrs. Mary S. Snyder	Interest on Snyder fund	300 00
149	May 2	R. E. Turley	Salary Association Mfg. Chilled Car Wheels	52 80
150	May 8	Thomas Hecketsweiler	McKinley loan	50 00
151	..do..	Thomas Wm. Tolmie	Snyder loan	100 00
152	May 10	M. E. Thompson, Cashier	Rebate, Key deposits, salary Parr deposits	7 25
153	..do..	R. E. Turley	Salary, May, Association Mfg. of Chilled Car Wheels	110 00
154	May 24	F. G. Olbrich	Snyder loan	50 00
155	..do..	C. A. Drake	..do..	75 00
156	..do..	J. M. Hanson	Bennett Mat. Agcy. B'nai B'rith fund	14 50
157	..do..	Knowles Plumbing & Heating Co.	Parr deposits	66 00
158	May 26	D. F. Fleming	McKinley loan	35 00
159	May 31	J. M. Lindgren	Salary, Parr deposits	150 00
160	..do..	F. H. Whittum	..do..	100 00
161	June 5	Charlotte D. Goldberg	B'nai B'rith prize	10 09
162	..do..	G. E. Stechert & Co.	Bills paid from B'nai B'rith library fund	24 23
163	May 6	E. E. Elliott	Snyder loan	150 00
164	May 7	J. E. Gutberlet	Thesis deposit rebate	75 00
165	May 9	George Huff	Towel deposits	710 00
166	..do..	Russell W. Miller	McKinley loan	20 00
167	..do..	M. E. Thompson, Cashier	Key rebates	4 00
167 1/2	..do..	M. E. Thompson, Cashier	Salary from Parr deposits	5 00
168	June 16	J. H. Johnson	Thesis refund	75 00
169	June 27	M. E. Thompson, Cashier	Association Mfg. of Chilled Car Wheels	9 23
170	..do..	M. E. Thompson, Cashier	Key rebates	14 50
171	..do..	J. T. Ryerson & Co.	Association Mfg. of Chilled Car Wheels	30 72
172	..do..	G. E. Stechert & Co.	B'nai B'rith	2 00
173	June 28	F. H. Whittum	Salary, Parr deposits	187 50
174	June 30	J. M. Lanegren	..do..	159 00

\* Cancelled.

## B. Vouchers Certified to the Auditor of Public Accounts.

## I. BUILDINGS, LAND, AND EQUIPMENT VOUCHERS.

No.	Date.	By whom.	For what.	Amount.
	1915			
B 1	July 12	H. D. Oberdorfer	Traveling expense	\$ 11 11
B 2	..do..	Freeman & Brooks	Contract	12,541 19
B 3	July 13	L. E. Knorr, Assistant Comptroller	Student labor	8 13
B 4	..do..	L. E. Knorr, Assistant Comptroller	Express bills	1 48
B 5	July 14	L. E. Knorr, Assistant Comptroller	General labor	12 50
B 6	July 15	Carson Payson Co.	Contract	3,128 00
B 7	July 19	Hecla, Winslow Co.	Bronze frame	17 00
B 8	..do..	The Berger Mfg. Co.	Transfer units	365 40
B 9	..do..	Automatic File & Index Co.	Office equipment	76 81
B 10	..do..	Reliable Plumbing & Heating Co.	Plumbing	2 70
B 11	..do..	C. C. Kiler	Office supplies	26 14
B 12	..do..	The University of Illinois Supply Store	Vertical file	90 90
B 13	..do..	Marrs Tanner Electric Co.	Switchboard	121 00
B 14	..do..	Security Insert Co.	Security inserts	5 40
B 15	..do..	Peck & Hills Furniture Co.	Office equipment	309 52
B 16	July 21	L. E. Knorr, Assistant Comptroller	General labor	7 75
B 17	..do..	L. E. Knorr, Assistant Comptroller	Student labor	6 88
B 18	July 22	Peck & Hills Furniture Co.	Chairs	54 00
B 19	..do..	Anton Roland	Land purchased	50,000 00
B 20	..do..	John B. Bennett	Sewer pipe	1 92
B 21	..do..	Pay roll	July, 1915	333 33
		Rice, G. B.	Salary	\$125 00
		White, James M.	..do..	208 33

## BUILDINGS, LAND AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
B 22	July 22	1915 Pay roll	July, 1915.	\$ 444 17
		Oberdorfer, H. D.	Salary	\$104 17
		Towne, L. J.	do	200 00
		Wright, G. E.	do	140 00
B 23	July 26	Taylor Hardware Co.	Building material	7 10
B 24	do.	Art Metal Construction Co.	Standard stacks	609 00
B 25	July 28	Western Electric Co.	Electric supplies	52 65
B 26	do.	Marshall Field & Co.	Shades	200 00
B 27	do.	W. Lewis & Co.	Cork carpet	743 69
B 28	do.	The Western Gas Fixture Co.	Fixtures for Admin. Building	1,219 76
B 29	do.	C. I. Welch	Labor	5 52
B 30	do.	Peck & Hills Furniture Co.	Office equipment	61 32
B 31	do.	U. S. Blue Print Paper Co.	Cane stools	16 88
B 32	do.	Stow & Davis Furniture Co.	Waste baskets	6 80
B 33	do.	Taylor Hardware Co.	General supplies	36 29
B 34	do.	Chas. A. Hall Hardware Co.	Hardware	4 48
B 35	do.	Reliable Plumbing & Heating Co.	Replacing pipe	4 55
B 35 1/2	July 31	W. B. Castenholz, Comptroller	Material furnished from University storeroom	13 80
B 36	Aug. 4	Peck & Hills Furniture Co.	Furniture	35 40
B 37	do.	P. Williamson	Labor	30 00
B 38	do.	John P. Gilbert	Land	8,000 00
B 39	Aug. 9	The Berger Mfg. Co.	Office equipment	2 28
B 40	do.	The Western Electric Co.	Electrical supplies	4 33
B 41	do.	The Justrite Mfg. Co.	Fire extinguishers	56 25
B 42	do.	The Newton & Hoyt Co.	Leather cushion	4 00
B 43	do.	The Mellink Mfg. Co.	Filing safe	90 02
B 44	do.	Peck & Hills Furniture Co.	Tables	33 75
B 45	Aug. 10	Marrs-Tanner Electric Co.	Contract	329 95
B 46	do.	M. E. Thompson, Cashier	Student labor	14 25
B 47	do.	James B. Dibelka	Plans	860 82
B 48	do.	Pay roll	August, 1915	444 18
		Oberdorfer, H. D.	Salary	\$104 18
		Towne, L. J.	do	200 00
		Wright, G. E.	do	140 00
B 49	do.	Pay roll	August, 1915	333 37
		Rice, G. B.	Salary	\$125 00
		White, James M.	do	208 37
B 50	Aug. 12	A. W. Stoolman	Contract	3,948 25
B 51	do.	Walker & Mulliken	Tables	45 00
B 52	do.	The Berger Mfg. Co.	Card cases	24 36
B 53	do.	Machinist Supply Co.	Brass rods	8 16
B 54	do.	A. W. Stoolman	Contract	3,272 50
B 55	Aug. 14	Marrs-Tanner Electric Co.	do	414 87
B 56	do.	M. E. Thompson, Cashier	Express bills	3 21
B 57	do.	W. B. Castenholz, Comptroller	Labor and material bills for July, 1915.	869 97
B 58	Aug. 16	Taylor Hardware Co.	Bronze butts	20 50
B 59	do.	Peck & Hills Furniture Co.	Chairs	45 25
B 60	do.	Marshall Field Co.	Andirons	10 00
B 61	do.	W. Lewis & Co.	Linoleum	5 00
B 62	do.	Otis Elevator Co.	Magnet coil	3 30
B 63	do.	Geo. B. Carpenter & Co.	Awnings	181 72
B 64	do.	C. L. Gustafson	Wages, July, 1915.	130 00
B 65	Aug. 18	E. R. Math	do	133 33
B 66	do.	R. L. Kelley	do	125 00
B 67	Aug. 19	C. L. Gustafson	Traveling expense	26 54
B 68	do.	Peck & Hills Furniture Co.	Furniture	129 54
B 69	do.	The Inner Braced Furniture Co.	Chairs	10 80
B 70	do.	Eugene Dietzgen	Desks	17 60
B 71	do.	W. Lewis & Co.	Linoleum	14 43
B 72	do.	J. C. Thomas	General supplies	14 30
B 73	do.	The Burr Co.	Lumber	11 00
B 74	Aug. 24	Peck & Hills Furniture Co.	Office supplies	38 77
B 75	do.	Morris Munson	Wages, August, 1915.	104 40
B 76	do.	English Bros.	Office equipment repairs	5 50
B 77	do.	W. Lewis & Co.	Cork carpet	42 12
B 78	do.	The Western Electric Co.	Office supplies	13 16
B 79	do.	Watson Mfg. Co.	Building repairs	371 50
B 80	do.	M. E. Thompson, Cashier	General labor	97 20
B 81	Aug. 27	M. E. Thompson, Cashier	Express	4 91
B 82	do.	M. E. Thompson, Cashier	General labor	26 25
B 83	Aug. 28	Federal Steel Fixture Co.	Office supplies	23 68
B 84	do.	The O. M. Edwards Co., Inc.	Building material	9 00
B 85	do.	Peck & Hills Furniture Co.	do	65 68
B 86	do.	C. A. Kiler	do	21 67



## BUILDINGS, LAND AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1915			
B 87	Aug. 30	The Burr Co.	Office supplies.	\$ 4 45
B 88	..do..	Otis Elevator Co.	Contract.	1,493 00
B 89	Aug. 31	W. B. Castenholz, Comptroller.	Material from University store- room.	763 60
B 90	..do..	Peck & Hills Furniture Co.	Building materials.	61 94
B 91	..do..	Lyon Metallic Mfg. Co.	..do..	43 60
B 92	..do..	Champaign & Urbana Sanitary Co.	General labor.	7 00
B 93	..do..	The Meilink Mfg. Co.	Building materials.	46 50
B 94	Sept. 7	English Brothers.	Contract.	2,000 00
B 95	Sept. 11	Russel & Erwin Co.	Hardware.	274 54
B 96	..do..	W. D. Allen Mfg. Co.	General supplies.	97 00
B 97	..do..	Geo. H. Anderson & Co.	Mirrors.	15 75
B 98	..do..	App & Miller.	General repairs.	3 89
B 99	Sept. 14	Marrs-Tanner Electric Co.	Contract.	1,018 50
B 100	Sept. 15	Pay roll.	September, 1915.	333 33
		Rice, G. B.	Salary.	\$125 00
		White, James M.	..do..	208 33
B 101	..do..	The Inner Braced Furniture Co.	Chairs.	13 77
B 102	..do..	American Terra Cotta & Ceramics Co.	Contract.	2,550 00
B 103	Sept. 17	Pay roll.	September, 1915.	104 17
		Oberdorfer, H. D.	Salary.	\$104 17
B 104	..do..	Pay roll.	September, 1915.	583 33
		Boyer, W. H.	Salary.	\$110 00
		Math, E. R.	..do..	133 33
		Towne, L. J.	..do..	200 00
		Wright, G. E.	..do..	140 00
B 105	Sept. 18	A. W. Stoolman.	Contract for Ceramics Building.	4,888 50
B 106	..do..	A. W. Stoolman.	Contract for Vivarium.	4,930 00
B 107	..do..	The Berger Mfg. Co.	Wall card.	2 28
B 108	..do..	The Canton Art Metal Co.	Omnibus.	68 00
B 109	..do..	Lyon Metallic Mfg. Co.	Lockers.	10 81
B 110	..do..	The Johnson Service Co.	Contract for Chem. Add.	477 70
B 111	..do..	Stipes & Hecker.	B. & O. Demurrage.	7 00
B 112	Sept. 22	Peck & Hills Furniture Co.	Building equipment.	14 57
B 113	..do..	Twin City Roofing Co.	Copper pipes.	5 10
B 114	..do..	Percival & Moorehead.	Sheaves.	1 50
B 115	..do..	Carson Payson Co.	Contract.	1,547 00
B 116	Sept. 24	Lyon Metallic Mfg. Co.	Lyon C. Racks.	142 40
B 117	..do..	Peck & Hills Furniture Co.	Desks.	30 25
B 118	..do..	L. C. Bernard.	Traveling expense.	2 00
B 119	Sept. 28	James M. White.	..do..	71 84
B 120	..do..	Holder Hardware Co.	Marble tables.	315 00
B 121	..do..	Peck & Hills Furniture Co.	Desk.	35 57
B 122	..do..	D. H. Lloyd.	Office equipment.	27 00
B 123	..do..	F. P. Smith Wire & Iron Works.	General supplies.	152 93
B 124	..do..	W. B. Castenholz, Comptroller.	Material furnished from Univer- sity storeroom.	1,377 03
B 125	Sept. 29	Twin City Roofing Co.	Copper box.	2 00
B 126	..do..	Alexander H. Revell & Co.	Office equipment.	347 25
B 127	..do..	Peck & Hills Furniture Co.	Chairs.	31 36
B 128	Sept. 30	Peck & Hills Furniture Co.	Chairs and table.	47 89
B 129	..do..	H. W. Johns-Manville Co.	Fixtures.	92 61
B 130	..do..	The Wabash R. R.	Freight.	11 64
B 131	Oct. 5	M. E. Thompson, Cashier.	General labor.	15 00
B 131a	Oct. 6	American Terra Cotta & Ceramics Co.	Payment on contract.	3,028 13
B 132	Oct. 8	Leonard Peterson & Co., Inc.	Chemical hood.	70 00
B 133	..do..	G. C. Willis.	Building supplies.	35 75
B 134	..do..	The Burr Co.	..do..	1 35
B 135	..do..	Remington Typewriter Co.	Typewriter.	70 00
B 136	..do..	The Foxboro Co.	Thermometer.	29 50
B 137	..do..	Marrs-Tanner Electric Co.	Payment on contract.	1,106 50
B 138	..do..	Freeman & Brooks.	..do..	14,618 60
B 139	Oct. 9	Big Four Ry. Co., Urbana.	Freight.	17 67
B 140	..do..	Alex G. Goethel Sheet Metal Works.	Payment on contract.	850 00
B 141	..do..	Carson Payson Co.	..do..	1,455 07
B 142	Oct. 13	Walker & Muliken.	Furniture repairs.	7 75
B 143	..do..	Illinois Central R. R. Co.	Freight.	4 66
B 144	..do..	The Wabash R. R.	..do..	2 31
B 145	..do..	Walrus Mfg. Co.	Furniture.	413 77
B 146	..do..	Federal Steel Fixture Co.	Shelving.	77 50
B 147	..do..	The Burr Co.	Office supplies.	1 60
B 148	..do..	The Sneed & Co. Iron Works.	Furniture.	789 00
B 149	..do..	Pittsburgh Plate Glass Co.	..do..	34 55
B 150	Oct. 15	Pay roll.	October, 1915.	333 33
		Rice, G. B.	Salary.	\$125 00
		White, James M.	..do..	208 33
B 151	..do..	A. W. Stoolman.	Payment on contract.	12,878 20
B 152	..do..	A. W. Stoolman.	..do..	6,536 50

## BUILDINGS, LAND AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
1915				
B 153	Oct. 15	M. E. Thompson, Cashier	Student labor	\$ 2 00
B 154	Oct. 20	L. O. Stocker	Salary, September, 1915	72 00
B 155	..do..	Leonard Peterson & Co.	Office equipment	1,480 80
B 156	..do..	W. Lewis & Co.	Linoleum	40 00
B 157	..do..	F. C. Jorgeson & Co.	Pedestal	30 00
B 158	Oct. 21	Pay roll	October, 1915	687 50
		Boyer, W. H.	Salary	\$110 00
		Math, E. R.	..do	133 33
		Oberdorfer, H. D.	..do	104 17
		Towne, L. J.	..do	200 00
		Wright, G. E.	..do	140 00
B 159	Oct. 22	Peck & Hills Furniture Co.	Couch pad	3 78
B 160	..do..	Buffalo Forge Co.	General supplies	1,439 19
B 161	..do..	The Burr Co.	Steel angles	4 10
B 162	..do..	Lake City Electric Construction Co.	Contract	212 50
B 163	Oct. 26	Johnson Service Co.	Service	212 00
B 164	..do..	General Electric Co.	Electrical supplies	243 33
B 165	Oct. 28	Leavitt Mfg. Co.	Eyebolts	1 80
B 166	..do..	The Burr Co.	Screens	20 00
B 167	..do..	American Terra Cotta & Ceramics Co.	Contract	1,476 87
B 168	..do..	Lord & Burnham	Contract	2,496 14
B 169	Oct. 29	W. B. Castenholz, Comptroller	Material furnished from University storeroom	1,489 55
B 170	Oct. 30	W. B. Castenholz, Comptroller	..do	147 08
B 171	..do..	Art Metal Construction Co.	Book stacks	762 00
B 172	..do..	The Inner Braced Furniture Co.	Chairs	343 87
B 173	..do..	J. J. Hall & Son	Desk	12 74
B 174	Nov. 5	M. E. Thompson, Cashier	Bills paid	1 89
B 175	..do..	Marrs-Tanner Electric Co.	Chemistry Building addition	631 13
B 176	..do..	The Johnson Service Co.	..do	562 20
B 177	..do..	R. L. Kelley	Traveling expense	12 42
B 178	Nov. 8	American Hardware Corp. R. & E. Mfg. Co. Div. of Chicago, Ill.	Hardware for vivarium	456 68
B 179	..do..	Peck & Hills Furniture Co.	Table	10 78
B 180	..do..	The Newton & Hoyt Co.	Chairs and desks	79 71
B 178½	Nov. 9	New York Blower Co.	Contract	798 07
B 179½	..do..	Illinois Engineering Co.	Vacuum valves	71 75
B 180½	..do..	G. E. Wright	Traveling expense	5 70
B 181	..do..	James B. Clow & Sons	Glass shelves	3 84
B 182	..do..	W. Lewis & Co.	Cork carpet	11 52
B 183	..do..	Reliable Plumbing & Heating Co.	Contract	1,181 72
B 184	..do..	Carson Payson Co.	..do	808 11
B 185	..do..	Carson Payson Co.	..do	425 00
B 186	Nov. 12	M. E. Thompson, Cashier	Bills paid	11 45
B 187	Nov. 15	American Terra Cotta & Ceramics Co.	Contract	850 00
B 188	..do..	Freeman & Brooks	..do	12,689 53
B 189	..do..	Reliable Plumbing & Heating Co.	..do	1,641 72
B 190	..do..	Wearcrete Engineering Co.	Paint	9 80
B 191	..do..	The Kellogg-Mackey Co.	Vent. ell and frame	5 88
B 192	..do..	Pay roll	November, 1915	333 33
		Rice, G. B.	Salary	\$125 00
		White, J. M.	..do	208 33
B 193	Nov. 19	The Weis Mfg. Co.	Office equipment	17 63
B 194	..do..	Lyon Metallic Mfg. Co.	Rack "A"	15 70
B 195	..do..	Leonard Peterson & Co.	Kewaukee hood	8 67
B 196	..do..	Geo. Strobe	Awnings	12 00
B 197	..do..	Hatfield Electric Co.	Contract	412 25
B 198	Nov. 22	Olney J. Dean & Co.	Office supplies	79 73
B 199	..do..	Industrial Heating & Ventilating Co.	Contract	1,292 98
B 200	..do..	Walker & Mulliken	Repair work	55 90
B 201	..do..	The Wabash R. R. Co.	Freight	3 16
B 202	Nov. 23	H. S. Capron, Treasurer	Material furnished from University storeroom	1,076 66
B 203	Nov. 24	Pay roll	November 24, 1915	473 33
		Math, E. R.	Salary	\$133 33
		Towne, L. J.	..do	200 00
		Wright, G. E.	..do	140 00
B 204	Nov. 29	Ludowici-Celadon Co.	To balance tile and trimmings for Ceramics building	658 47
B 205	Nov. 30	A. W. Stoolman	Contract for Ceramics building	15,980 00
B 206	..do..	A. W. Stoolman	Contract for Vivarium	7,373 75
B 207	..do..	Peck & Hills Furniture Co.	Screens	33 00
B 208	..do..	The Burr Co.	Door and frame	12 50
B 209	..do..	American Hardware Corporation, Russell & Erwin Mfg. Co. Div.	General supplies	5 81
B 210	..do..	Walrus Mfg. Co.	Labor and material	9 75
B 211	..do..	F. E. Gates Marble & Tile Co.	Tile panels	78 00
B 212	..do..	F. C. Jorgeson & Co.	Wall cases	200 00

## BUILDINGS, LAND AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1915			
B 213	Dec. 6	H. S. Capron, Treasurer.	Material furnished from University storeroom.	\$ 1,034 86
B 214	Dec. 8	Daily & O'Brien.	Contract.	2,125 00
B 215	.do.	Carson Payson Co.	.do.	621 35
B 216	.do.	Blake Specialty Co.	General supplies.	30 50
B 217	.do.	The Hall's Safe Co.	Vault fronts.	116 84
B 218	.do.	The J. L. Mott Iron Works.	Syphon jet W. C.	13 05
B 219	.do.	The Burr Co.	Tile sleeves.	11 50
B 220	.do.	Sargent & Co.	Office supplies.	1,764 00
B 221	.do.	Hatfield Electric Co.	Contract.	302 22
B 222	.do.	Carson Payson Co.	Contract, chemical addition.	1,219 09
B 223	.do.	Marrs-Tanner Electric Co.	Contract.	723 34
B 224	.do.	Alex G. Goethel.	.do.	255 00
B 225	.do.	Reliable Plumbing & Heating Co.	.do.	1,375 58
B 226	.do.	Johnson Service Co.	.do.	562 20
B 227	.do.	American Hardware Corporation.	Office supplies.	11 50
B 228	.do.	English Brothers.	Contract.	1,040 00
B 229	.do.	Leonard Peterson & Co.	Microscope case.	68 80
B 230	.do.	Illinois Central Ry. Co.	Freight.	3 83
B 231	.do.	W. E. Braden Lumber Co.	General supplies.	503 77
B 232	Dec. 10	Pay roll.	December, 1915.	333 33
		Rice, G. B.	Salary.	\$125 00
		White, Jas. M.	.do.	208 33
B 233	Dec. 11	H. A. Piper.	Principal and interest on J. P. Gilbert property.	2,043 33
B 234	Dec. 13	Pay roll.	December, 1915.	473 33
		Math, E. R.	Salary.	\$133 33
		Towne, L. J.	.do.	200 00
		Wright, G. E.	.do.	140 00
B 235	Dec. 14	L. J. Towne.	Traveling expense.	20 05
B 236	.do.	R. C. Wagner & Sons.	Teaming.	10 00
B 237	Dec. 15	Sheldon Brick & Building Supply Co.	General supplies.	7 65
B 238	.do.	The Art Mosaic & Tile Co.	Fixtures.	349 00
B 239	.do.	General Electric Co.	Electrical supplies.	203 40
B 240	.do.	Gilmore-Thayer Co.	General supplies.	157 04
B 241	Dec. 16	H. S. Capron, Treasurer.	Material furnished from University storeroom.	413 82
B 242	Dec. 20	Illinois Central R. R. Co.	Freight.	2 87
B 243	.do.	The Big Four R. R. Co.	.do.	1 53
B 244	.do.	Walker & Muliken.	Repair work.	55 90
B 245	.do.	Freeman & Brooks.	Contract.	18,283 36
B 246	.do.	New York Blower Co.	.do.	850 00
B 247	.do.	H. A. Piper, First National Bank.	Interest.	73 00
B 248	Dec. 22	The University of Illinois Supply Store.	Y and E section.	30 38
B 249	.do.	American Terra Cotta & Ceramics Co.	Contract.	2,095 00
B 250	.do.	A. W. Stoolman.	.do.	6,957 19
B 251	Dec. 28	H. S. Capron, Treasurer.	Material furnished from University storeroom.	820 53
B 252	.do.	H. S. Capron, Treasurer.	.do.	45 29
B 253	Dec. 29	The Big Four R. R. Co.	Freight.	4 23
B 254	Dec. 31	The Wearcrete Engineering Co.	Contract.	1,904 85
B 255	.do.	The Alexander Lumber Co.	Rosin.	6 00
	1916			
B 256	Jan. 5	M. E. Thompson, Cashier.	Bills paid.	1 67
B 257	Jan. 7	The Big Four R. R. Co.	Freight.	1 16
B 258	.do.	G. E. Wright.	Traveling expense.	7 00
B 259	.do.	Crane Co.	Lead.	37 91
B 260	.do.	Ludowici-Celadon Co.	Contract.	395 09
B 261	.do.	General Electric Co.	Motor.	138 25
B 262	.do.	H. S. Capron, Treasurer.	Advance payments.	35,590 00
B 263	Jan. 11	Chas. L. Morgan.	Services.	30 00
B 264	.do.	Love Brothers.	One complete marquise.	1,971 00
B 265	.do.	Daily & O'Brien.	Contract.	710 00
B 266	.do.	The Ideal Electric Co.	.do.	548 25
B 267	.do.	Henry Bireline Co.	.do.	578 00
B 268	.do.	Lyon Metallic Mfg. Co.	Racks.	490 42
B 269	.do.	Freeman & Brooks.	Contract.	18,258 33
B 270	.do.	Marrs-Tanner Electric Co.	.do.	986 00
B 271	.do.	Carson Payson Co.	.do.	2,001 19
B 272	.do.	A. W. Stoolman.	.do.	18,439 90
B 273	.do.	Hatfield Electric Co.	.do.	277 84
B 274	.do.	Daily & O'Brien Co.	Sheet lead.	9 75
B 275	Jan. 13	Pay roll.	January, 1916.	333 33
		Rice, G. B.	Salary.	\$125 00
		White, J. M.	.do.	208 33
B 276	.do.	H. S. Capron, Treasurer.	Material furnished from University storeroom.	1,213 52

## BUILDINGS, LAND AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
B 277	1916 Jan. 14	The American Terra Cotta & Ceramics Co.	Terra cotta	\$ 300 00
B 278	..do....	The Burr Co.	Switchboard	103 50
B 279	Jan. 19	Carson Payson Co.	Contract	1,407 91
B 280	..do....	The Berger Mfg. Co.	General supplies	286 97
B 281	..do....	Johnson Service Co.	Contract	562 20
B 282	..do....	R. C. Wagner & Son	Teaming	39 10
B 283	..do....	Daily & O'Brien	Contract	1,787 58
B 284	Jan. 20	Pay roll.	January, 1916	473 33
		Math, E. R.	Salary	\$133 33
		Towne, L. J.	..do.	200 00
		Wright, G. E.	..do.	140 00
B 285	..do....	Buffalo Meter Co.	Niagara meters	84 00
B 286	..do....	Wesco Supply Co.	Switchboard	402 00
B 287	..do....	The Wabash R. R. Co.	Freight	6 52
B 288	Jan. 21	The Big Four Ry. Co.	..do.	22 27
B 289	Jan. 22	Alex G. Goethel	Contract	297 50
B 290	..do....	Marrs-Tanner Electric Co.	Switchboard	941 50
B 291	..do....	S. E. Huff & Co.	Office supplies	6 00
B 292	Jan. 29	New York Blower Co.	Contract	2,550 00
B 293	..do....	McKey & Poague, Agents	Services	121 99
B 294	Jan. 31	H. S. Capron, Treasurer	Material furnished from University storeroom	119 35
B 295	..do....	Edwin Harrington, Son & Co.	Expense laboratory apparatus	164 25
B 296	Feb. 5	M. E. Thompson, Cashier	Express bills	4 24
B 297	..do....	M. E. Thompson, Cashier	Labor bills	16 80
B 298	Feb. 9	Taylor Hardware Co.	General supplies	2 40
B 299	..do....	Yale & Towne Mfg. Co.	..do.	103 14
B 300	..do....	The Burr Co.	Brackets	3 50
B 301	..do....	American Hardware Corporation	Hardware	970 59
B 302	..do....	W. D. Allen Mfg. Co.	Hose reels	222 00
B 303	..do....	Stipes & Hecker	Reinforcing rods	6 20
B 304	Feb. 11	Taylor Hardware Co.	Office supplies	4 00
B 305	..do....	Johnson Service Co.	Laboratory supplies	250 00
B 306	..do....	Wm. Hix	Hauling brick	9 60
B 307	Feb. 16	Lord & Burnham Co.	Contract	1,352 86
B 308	..do....	Carson Payson Co.	..do.	295 23
B 309	..do....	Wearcrete Engineering Co.	..do.	1,325 15
B 310	..do....	Marrs-Tanner Electric Co.	..do.	910 20
B 311	..do....	Freeman & Brooks	..do.	528 52
B 312	..do....	Carson Payson Co.	..do.	171 38
B 313	..do....	Reliable Plumbing & Heating Co.	..do.	977 70
B 314	..do....	Hatfield Electric Co.	..do.	175 08
B 315	..do....	Illinois Engineering Co.	..do.	900 00
B 316	..do....	Pay roll.	February, 1916	473 33
		Math, E. R.	Salary	\$133 33
		Towne, L. J.	..do.	200 00
		Wright, G. E.	..do.	140 00
B 317	Feb. 17	Pay roll.	February, 1916	333 33
		Rice, G. B.	Salary	\$125 00
		White, Jas. M.	..do.	208 33
B 318	..do....	Freeman & Brooks	Contract	10,000 00
B 319	..do....	The Big Four R. R. Co.	Freight	2 10
B 320	..do....	William Hix	Hauling brick	9 60
B 321	Feb. 21	M. E. Thompson, Cashier	Labor bills	23 45
B 322	Feb. 23	American Steel & Wire Co.	Wire	22 46
B 323	..do....	Illinois Steel Co.	General supplies	76 28
B 324	..do....	Yale & Towne Mfg. Co.	Office supplies	26 74
B 325	Feb. 26	W. D. Allen Mfg. Co.	General supplies	66 60
B 326	..do....	Alex G. Goethel Co.	Contract (chemical)	261 07
B 327	..do....	New York Blower Co.	Contract (ceramic)	550 00
B 328	..do....	Henry Bireline Co.	..do.	205 00
B 329	..do....	Illinois Central R. R. Co.	Freight	2 37
B 330	Feb. 29	J. H. Niemann	Typewriter stand	16 00
B 331	..do....	Sargent & Co.	General supplies	4 53
B 332	..do....	The Charles A. Hall Hardware Co.	..do.	2 00
B 333	..do....	C. H. Brownell	Oak booth	155 00
B 334	..do....	Buffalo Meter Co.	Meter	84 00
B 335	..do....	Underground Cable Co.	Cable	241 24
B 336	..do....	Sheldon Brick & Building Supply Co.	Hytex brick	72 00
B 337	..do....	Urbana & Champaign Ry., Gas & Electric Co.	Electric power	5 00
B 338	..do....	H. S. Capron, Treasurer	Material furnished from University storeroom	138 13
B 339	Mar. 6	The Wabash Ry. Co.	Freight	23 87
B 340	Mar. 9	Marrs-Tanner Electric Co.	Contract	1,865 65
B 341	..do....	Wearcrete Engineering Co.	..do.	666 75
B 342	..do....	Standard Roofing Co.	Roofing	200 00

## BUILDINGS, LAND AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
1916				
B 343	Mar. 9	The Inner Braced Furniture Co.	Chairs	\$ 6 84
B 344	do.	Stipes & Hecker	Screenings	13 50
B 345	Mar. 13	Carson Payson Co.	Contracts	786 44
B 346	do.	Ideal Electric Co.	Contract	403 75
B 347	do.	E. H. Sargent & Co.	Lamps	14 07
B 348	Mar. 14	The Burr Co.	Steel frames	298 10
B 349	do.	Leavitt Mfg. Co.	General supplies	3 65
B 350	do.	Wesco Supply Co.	do	574 65
B 351	do.	Sterling Products Co.	Office supplies	6 50
B 352	do.	Ingersoll-Rand Co. of Illinois	Electric motor	157 50
B 353	do.	Marrs-Tanner Electric Co.	Switchboards	361 00
B 354	Mar. 16	Pay roll	March, 1916	333 33
		Rice, G. B.	Salary	\$125 00
		White, Jas. M.	do	208 33
B 355	Mar. 18	M. E. Thompson, Cashier	Express bills	4 25
B 356	Mar. 24	Reliable Plumbing & Heating Co.	Contracts	2,258 57
B 357	do.	Stipes & Hecker	Office supplies	10 00
B 358	do.	United States Blue Print Paper Co.	Cane stools	12 50
B 359	do.	C. L. Gustafson	Traveling expense	19 98
B 360	do.	Walrus Mfg. Co.	Contract	21,250 00
B 361	do.	American Hardware Corporation	Office supplies	9 23
B 362	do.	General Electric Co.	General supplies	152 00
B 363	do.	American Terra Cotta & Ceramic Co.	Terra cotta	510 00
B 364	Mar. 27	General Electric Co.	Building material	745 23
B 365	do.	Taylor Hardware Co.	Office supplies	5 15
B 366	do.	Reliable Plumbing & Heating Co.	Laboratory supplies	274 37
B 367	Mar. 28	The Caldwell Co.	Fixtures for Ceramics and Chem- ical buildings	4,341 37
B 368	Mar. 30	The Big Four R. R. Co.	Freight	17 25
B 369	do.	Leavitt Mfg. Co.	General supplies	1 15
B 370	Mar. 31	F. E. Gates Marble & Tile Co.	Contract	1,530 00
B 371	do.	Russel-Erwin Mfg. Co.	Hardware Co.	83 45
B 372	do.	Kaestner & Hecht Co.	Electrical work	750 00
B 373	do.	H. F. Bremer	General supplies	76 98
B 374	do.	H. S. Capron, Treasurer	Material furnished from Univer- sity storeroom	1,370 10
B 375	do.	The Ideal Electric Co.	Contract	168 00
B 376	do.	The American Hardware Corporation	Building supplies	16 89
B 377	do.	C. A. Kiler	Carpet	1,771 55
B 378	Apr. 8	M. E. Thompson, Cashier	Miscellaneous bills	2 72
B 379	Apr. 12	The Arthur H. Thomas Co.	General supplies	143 00
B 380	do.	Central Scientific Co.	do	210 09
B 381	do.	A. G. Freyer	do	138 98
B 382	do.	The Inner Braced Furniture Co.	do	31 68
B 383	do.	Franklin Desk Factory	Desks	108 30
B 384	do.	Kewaunee Mfg. Co.	Tables	208 35
B 385	do.	Leonard Peterson & Co.	Exhibit cabinets	85 00
B 386	do.	Lyon Metallic Mfg. Co.	Cabinet	23 60
B 387	do.	Spencer Lens Co.	Microtome	90 00
B 388	do.	Sargent & Co.	Hardware	288 72
B 389	do.	G. R. Grubb & Co.	Half tones	1 65
B 390	do.	Chas. A. Hall Hardware Co.	Office supplies	38 60
B 391	do.	Russel & Erwin Mfg. Co.	do	1 75
B 392	do.	Taylor Hardware Co.	do	12 58
B 393	do.	Wearcrete Engineering Co.	do	10 00
B 394	do.	Twin City Roofing Co.	Cabinet doors	15 00
B 395	do.	Reliable Plumbing & Heating Co.	Office supplies	3 96
B 396	do.	W. D. Allen Mfg. Co.	General supplies	150 90
B 397	do.	Hatfield Electric Co.	Contract	1,188 81
B 398	do.	A. W. Stoolman	do	14,125 90
B 399	do.	New York Blower Co.	do	1,355 25
B 400	do.	Marrs-Tanner Electric Co.	do	500 00
B 401	do.	Daily & O'Brien	do	945 43
B 402	Apr. 13	M. E. Thompson, Cashier	Express bills	1 63
B 403	Apr. 14	The Burr Co.	Trench plate	188 00
B 404	do.	Ingersoll-Rand Co.	General supplies	466 40
B 405	do.	The Caldwell Co.	Chain	8 09
B 406	Apr. 17	Freeman & Brooks	Contract	10,000 00
B 407	Apr. 18	Twin City Roofing Co.	Building supplies	2 60
B 408	do.	Wearcrete Engineering Co.	do	6 00
B 409	Apr. 19	Leavitt Mfg. Co.	General supplies	5 67
B 410	do.	C. A. Kiler	Shades	92 20
B 411	do.	The Sneed & Co. Iron Works	Bookstacks	710 00
B 412	do.	General Electric Co.	Electrical supplies	271 22
B 413	do.	W. D. Allen Mfg. Co.	Hose reel	1 04
B 414	do.	Flanigan-Pearson Co.	Printing	2 50
B 415	Apr. 20	M. E. Thompson, Cashier	Miscellaneous bills	32 50

## BUILDINGS, LAND AND EQUIPMENT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
1916				
B 416	Apr. 21	H. S. Capron, Treasurer	Material furnished from University storeroom	\$ 636 03
B 417	Apr. 26	Johnson Service Co.	Contract	701 20
B 418	..do..	The University of Illinois Supply Store.	Office equipment	28 05
B 419	..do..	The Arthur H. Thomas Co.	Laboratory supplies	5 03
B 420	..do..	E. H. Sargent & Co.	..do..	52 52
B 421	..do..	Jones, McDuffee & Stratton Co.	Finger bowls	38 15
B 422	..do..	Taylor Instrument Co.	Thermographs	112 50
B 423	..do..	Taylor Hardware Co.	General supplies	11 30
B 424	Apr. 27	Alex G. Goethel & Co.	Contract	299 23
B 425	..do..	Hatfield Electric Co.	..do..	493 31
B 426	..do..	M. E. Thompson, Cashier	Labor bills	14 00
B 427	Apr. 29	Walker & Mulliken	General supplies	212 75
B 428	..do..	Art Mosaic & Tile Co.	Building material	104 40
B 429	..do..	Reliable Plumbing & Heating Co.	Laboratory supplies	9 25
B 430	..do..	Wearerete Engineering Co.	Contract	400 00
B 431	May 4	Wabash R. R.	Freight	13 87
B 432	May 5	M. E. Thompson, Cashier	Labor bills	44 83
B 433	May 11	The Burr Co.	Tank for pump	54 50
B 434	..do..	The Inner Braced Furniture Co.	Other furniture	135 00
B 435	..do..	Sargent & Co.	Office supplies	12 33
B 436	..do..	H. S. Capron, Treasurer	Material furnished from University storeroom	276 15
B 437	May 15	Otto Eggeling	Expenses apparatus	91 75
B 438	..do..	The Burr Co.	Office supplies	1 05
B 439	..do..	E. H. Sargent & Co.	Expenses apparatus	26 54
B 440	..do..	John Hefferman & Son.	..do..	2 80
B 441	..do..	Fiat Iron Store Co.	Fixtures	340 00
B 442	..do..	The Master Builders Co.	Office supplies	7 50
B 443	..do..	Marrs-Tanner Electric Co.	Expenses apparatus	39 40
B 444	..do..	Franklin Desk Factory	Furniture	20 00
B 445	May 16	Sargent & Co.	Office supplies	48 58
B 446	..do..	Central Scientific Co.	Expenses apparatus	30 80
B 447	..do..	F. E. Gates Marble & Tile Co.	Office supplies	8 40
B 448	May 17	A. W. Stoolman	Payment on contract	8,284 69
B 449	May 18	The Campaign News	Incidentals	10 96
B 450	..do..	W. D. Allen Mfg. Co.	Fire protection	1 04
B 451	May 19	R. C. Wagner & Son.	Office supplies	2 50
B 452	..do..	Sargent & Co.	..do..	8 83
B 453	..do..	M. E. Thompson, Cashier	Express	5 53
B 454	..do..	M. E. Thompson, Cashier	Labor	2 06
B 455	..do..	Pay roll	May, 1916	473 33
		Math, E. R.	Salary	\$133 33
		Towne, L. J.	..do..	200 00
		Wright, G. E.	..do..	140 00
B 456	May 23	M. E. Thompson, Cashier	Miscellaneous bills	1 23
B 457	..do..	A. W. Stoolman	..do..	477 55
B 458	May 29	Central Scientific Co.	Expenses apparatus	55 48
B 459	..do..	American Contractor Publishing Co.	Incidentals	59 40
B 460	..do..	Lyon Metallic Mfg. Co.	Other furniture	83 55
B 461	..do..	Pittsburgh Plate Glass Co.	Expenses apparatus	13 08
B 462	..do..	Chicago Surg. and Elec. Co.	..do..	17 50
B 463	..do..	Library Bureau	Other furniture	83 16
B 464	..do..	Leavitt Mfg. Co.	Office supplies	3 84
B 465	..do..	Walrus Mfg. Co.	Laboratory furniture	21,250 00
B 466	..do..	Crane Co.	Expenses apparatus	34 95
B 467	May 31	F. E. Gates Marble & Tile Co.	Payment on contract	412 00
B 468	..do..	Lyon Metallic Mfg. Co.	Other furniture	32 00
B 469	..do..	The Caldwell Co.	Furniture repairs	553 81
B 470	..do..	H. S. Capron, Treasurer	Material furnished from University storeroom	778 62
B 471	June 1	D. K. Lloyd	Rentals	2 00
B 472	..do..	Engineering & Contracting	Incidentals	35 10
B 473	..do..	M. E. Thompson, Cashier	Miscellaneous	3 00
B 474	..do..	H. S. Capron, Treasurer	Material furnished from University storeroom	88 38
B 475	June 12	Marrs-Tanner Electric Co.	Payment on contract	1,571 03
B 476	..do..	Taylor Hardware Co.	Other orders	1 80
B 477	..do..	The Caldwell Co.	Telephones, buzzers and clocks	38 88
B 478	..do..	Roots & Berg	Other orders	10 00
B 479	..do..	Peck & Hills Furniture Co.	Furniture and fixtures	5 00
B 480	..do..	Maas Brothers	General supplies	13 60
B 481	..do..	Pittsburgh Plate Glass Co.	Six plates 32 x 52	52 75
B 482	..do..	Central Scientific Co.	One set weights	7 65
B 483	..do..	Bausch & Lomb Optical Co.	Expenses apparatus	7 78
B 484	June 15	Hamblin Plumbing Co.	Contract	11 25
B 485	..do..	Emmet Kennedy	Expert service	25 00
B 486	..do..	Horton Door Check Co.	Office supplies	4 20

## BUILDINGS, LAND AND EQUIPMENT VOUCHERS—Concluded.

No.	Date.	To whom.	For what.	Amount.
	1916			
B 487	June 15	Ionia Pottery Co.....	Twelve-inch pots.....	\$ 9 80
B 488	..do....	Carson Payson Co.....	Payment on contract.....	464 76
B 489	..do....	H. S. Capron, Treasurer.....	Material furnished from University storeroom.....	2,111 36
B 490	June 23	Carson Payson Co.....	Payment on contract.....	2,399 53
B 491	..do....	E. H. Sheldon & Co.....	Expenses apparatus.....	15 30
B 492	June 24	H. S. Capron, Treasurer.....	Material furnished from University storeroom.....	845 80
B 493	June 27	H. S. Capron, Treasurer.....	..do.....	13,599 60
B 494	..do....	James B. Diebelka.....	Plans and specifications.....	17 22
B 495	..do....	Illinois State Register.....	..do.....	21 85
B 496	..do....	Alfred M. Danley.....	Incidentals.....	10 40
B 497	..do....	Carson Payson Co.....	Other orders.....	138 00
B 498	June 30	Sargent & Co.....	Office supplies.....	31 30
B 499	..do....	Big Four Ry., Urbana.....	Freight.....	15 81
B 500	..do....	Ideal Electric Co.....	Electrical equipment.....	188 19

## II. ADMINISTRATIVE OFFICES VOUCHERS.

	1915			
A 1	July 7	Twentieth Century Clipping Bureau.....	Clippings.....	\$ 7 50
A 2	..do....	Daisy O. Swearingen.....	Wages, June, 1915.....	50 00
A 3	July 13	L. E. Knorr, Assistant Comptroller.....	Student labor.....	197 38
A 4	July 14	L. E. Knorr, Assistant Comptroller.....	General labor.....	120 22
A 5	July 16	Pay roll.....	July, 1915.....	1,649 99
		Castenholz, W. B.....	Salary.....	\$ 250 00
		Filbey, E. J.....	..do.....	183 33
		James, Edmund J.....	..do.....	1,000 00
		Kinley, David.....	..do.....	83 33
		Harker, O. A.....	..do.....	83 33
		Seymour, A. R.....	..do.....	25 00
		Beard, J. H.....	..do.....	25 00
A 6	..do....	Pay roll.....	July, 1915.....	2,149 98
		Buckler, Helen.....	Salary.....	\$ 60 00
		Briggs, Evelyn.....	..do.....	55 00
		Durley, Franc A.....	..do.....	50 00
		Knorr, L. E.....	..do.....	150 00
		Morey, Lloyd.....	..do.....	125 00
		Muhleman, Elizabeth.....	..do.....	50 00
		Steitz, Alfred.....	..do.....	100 00
		Stipp, Maude.....	..do.....	50 00
		Thompson, M. E.....	..do.....	100 00
		Boice, L. A.....	..do.....	125 00
		Broadhurst, Tabitha.....	..do.....	75 00
		Cunningham, H. E.....	..do.....	166 66
		Johnson, Gertrude.....	..do.....	60 00
		Lamb, Allie.....	..do.....	55 00
		McConn, C. M.....	..do.....	250 00
		Miles, Lois.....	..do.....	70 00
		Smith, I. M.....	..do.....	125 00
		Tuttle, G. P.....	..do.....	100 00
		Lee, Albert R.....	..do.....	100 00
		Phelps, V. V.....	..do.....	166 66
		Whitson, Anna V.....	..do.....	75 00
		Cunningham, H. E.....	..do.....	41 66
A 7	July 17	Glenn M. Haldeman.....	Wages, June, 1915.....	50 00
A 8	July 19	Illinois State Reformatory.....	Printing.....	27 65
A 9	..do....	Flanigan-Pearson Co.....	..do.....	203 35
A 10	..do....	The University Press.....	..do.....	129 55
A 11	..do....	H. E. Cunningham.....	Traveling expense.....	15 84
A 12	..do....	Panagraph Printing & Stationery Co.....	Printing.....	116 57
A 13	..do....	Burroughs Adding Machine Co.....	Attention to machine.....	3 00
A 14	..do....	The Tablet & Ticket Co.....	Office supplies.....	7 50
A 15	..do....	Irving Pitt Mfg. Co.....	Table index.....	2 04
A 16	..do....	Louis Melind Co.....	Publication.....	1 58
A 17	..do....	Daisy O. Swearingen.....	Wages, July, 1915.....	50 00
A 18	July 21	L. E. Knorr, Assistant Comptroller.....	Express bills.....	1 32
A 19	..do....	L. E. Knorr, Assistant Comptroller.....	..do.....	2 73
A 20	..do....	L. E. Knorr, Assistant Comptroller.....	Student labor.....	24 30
A 21	..do....	L. E. Knorr, Assistant Comptroller.....	General labor.....	48 70
A 22	July 23	Stoltey's Garage.....	Automobile service.....	9 00
A 23	July 26	Pay roll.....	July, 1915.....	205 00
A 24	July 29	U. S. Audit Co.....	Quarterly audit.....	347 70

## ADMINISTRATIVE OFFICES VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
1915				
A 25	July 29	Twin City Bindery Co.	Printing	\$ 47 00
A 26	..do..	Irving Pitt Mfg. Co.	D. Binders	5 28
A 27	..do..	The University Press	Printing	53 75
A 28	..do..	Illinois State Reformatory	Printing	13 95
A 29	..do..	The Globe-Wernicke Co.	Office equipment	12 33
A 30	..do..	Twin City Printing Co.	Printing	7 00
A 31	..do..	Louis Melind Co.	Wheel bates	18 67
A 32	July 30	Joe F. Gauger	Wages, July 30, 1915	90 00
A 33	..do..	Twin City Ice & Cold Storage Co.	Ice	2 00
A 34	..do..	D. H. Lloyd	Office equipment	14 08
A 35	..do..	Burroughs Adding Machine Co.	Attention to machine	2 00
A 36	..do..	Remington Typewriter Co.	Typewriter	54 50
A 37	..do..	Louis Melind & Co.	Star seal press	1 35
A 37½	July 31	W. B. Castenholz, Comptroller	Material furnished from University storeroom	243 64
A 38	Aug. 3	Glenn M. Haldeman	Wages, July, 1915	25 00
A 39	Aug. 4	LaRhue Kile	Wages, July, 1915	82 95
A 40	..do..	M. E. Thompson, Cashier	General labor	146 95
A 41	..do..	M. E. Thompson, Cashier	Student labor	94 40
A 42	Aug. 9	T. F. Chilton	Check writer	50 00
A 43	..do..	Irving Pitt Mfg. Co.	Office supplies	3 30
A 44	..do..	The Globe-Wernicke Co.	Cabinet rod	11 90
A 45	..do..	J. W. Butler Paper Co.	Office supplies	27 79
A 46	Aug. 10	Burroughs Adding Machine Co.	Attention to machine	1 05
A 47	..do..	M. E. Thompson, Cashier	Labor bills	75 22
A 48	..do..	M. E. Thompson, Cashier	Student labor	110 98
A 49	..do..	Pay roll	August, 1915	2,150 22
		Buckler, Helen I.	Salary	\$ 60 00
		Briggs, Evelyn	..do	55 00
		Durley, Franc A.	..do	50 00
		Knorr, L. E.	..do	150 00
		Morley, Lloyd	..do	125 00
		Muhleman, Elizabeth	..do	50 00
		Steitz, Alfred	..do	100 00
		Stipp, Maude	..do	50 00
		Thompson, M. E.	..do	100 00
		Boice, L. A.	..do	125 00
		Broadhurst, Tabitha J.	..do	75 00
		Cunningham, H. E.	..do	166 74
		Johnson, Gertrude	..do	60 00
		Lamb, Allie	..do	55 00
		McConn, C. M.	..do	250 00
		Miles, Lois	..do	70 00
		Smith, I. M.	..do	125 00
		Tuttle, G. P.	..do	100 00
		Lee, Albert R.	..do	100 00
		Phelps, V. V.	..do	166 74
		Whitson, Anna V.	..do	75 00
		Cunningham, H. E.	..do	41 74
A 50	..do..	Pay roll	August, 1915	1,650 11
		Castenholz, W. B.	Salary	\$ 250 00
		Filbey, E. J.	..do	183 37
		James, Edmund J.	..do	1,000 00
		Kinley, David	..do	83 37
		Harker, O. A.	..do	83 37
		Seymour, A. R.	..do	25 00
		Beard, J. H.	..do	25 00
A 51	Aug. 14	M. E. Thompson, Cashier	Express and sundry bills	23 29
A 52	Aug. 16	The University Press	Printing	1 75
A 53	..do..	Louis Melind Co.	Incidentals	2 56
A 54	..do..	American Educational Co.	Educational directory	5 00
A 55	Aug. 19	Irving Pitt Mfg. Co.	Ledger binder	7 77
A 56	..do..	Flanigan-Pearson Co.	Printing	61 75
A 57	..do..	Porter E. Sargent	Handbook	2 00
A 58	Aug. 24	Hotel LaSalle	Three luncheons	6 00
A 59	..do..	J. W. Butler Paper Co.	Printing	66 25
A 60	..do..	P. S. Campbell	..do	4 50
A 61	..do..	J. B. Lyon Co.	Books	3 50
A 62	..do..	W. B. Castenholz	Traveling expenses	9 84
A 63	..do..	M. E. Thompson, Cashier	General labor	179 50
A 64	..do..	R. M. Ross	Wages, August, 1915	55 38
A 65	..do..	W. W. Miller	..do	75 00
A 66	..do..	Sadie Jones	..do	50 00
A 67	..do..	Daisy O. Swearingen	..do	50 00
A 68	Aug. 27	M. E. Thompson, Cashier	General labor	15 10
A 69	..do..	Glenn M. Hadleman	Wages, August	50 00
A 70	Aug. 28	M. E. Thompson, Cashier	Sundry bills	50 22
A 71	..do..	Flanigan-Pearson Co.	Printing	232 49



## ADMINISTRATIVE OFFICES VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1915			
A 72	Aug. 30	W. B. Castenholz, Comptroller.....	Traveling expenses.....	\$ 10 09
A 73	..do....	W. B. Castenholz, Comptroller.....	Material from University store- room.....	392 10
A 74	Aug. 31	Twin City Printing Co.....	Printing.....	3 00
A 75	..do....	Irving-Pitt Mfg. Co.....	Office supplies.....	3 48
A 76	..do....	Illinois State Reformatory.....	Printing.....	12 10
A 77	Sept. 8	Nell Barnes.....	Wages, August, 1915.....	57 13
A 78	..do....	M. E. Thompson, Cashier.....	Labor bills.....	96 45
A 79	..do....	M. E. Thompson, Cashier.....	Bills paid.....	182 42
A 80	Sept. 11	M. E. Thompson, Cashier.....	Student labor.....	82 13
A 81	..do....	M. E. Thompson, Cashier.....	Labor bills.....	59 50
A 82	..do....	W. L. Abbott.....	Traveling expense.....	13 09
A 83	..do....	The Globe-Wernicke Co.....	Filing section.....	7 44
A 84	..do....	The Blackstone.....	Luncheons.....	24 00
A 85	..do....	Jos. C. Bowman.....	Clock.....	4 50
A 86	Sept. 14	Irving-Pitt Mfg. Co.....	Indexes.....	2 89
A 87	..do....	W. B. Castenholz.....	Traveling expense.....	8 00
A 88	..do....	Gaylord Bros.....	Binders.....	6 05
A 89	..do....	Leigh Hunt.....	Traveling expense.....	1 70
A 90	Sept. 15	Pay roll.....	September, 1915.....	1,641 65
		Castenholz, W. B.....	Salary.....	\$ 250 00
		Filbey, E. J.....	..do.....	183 33
		James, Edmund J.....	..do.....	1,000 00
		Kinley, David.....	..do.....	83 33
		Harker, O. A.....	..do.....	83 33
		Seymour, A. R.....	..do.....	41 66
A 91	..do....	M. E. Thompson, Cashier.....	Bills paid.....	69 77
A 92	..do....	M. E. Thompson, Cashier.....	..do.....	182 78
A 93	Sept. 17	Pay roll.....	September, 1915.....	2,399 96
		Boice, L. A.....	Salary.....	\$183 33
		Broadhurst, Tabitha J.....	..do.....	83 33
		Buckler, Helen I.....	..do.....	60 00
		Cunningham, H. E.....	..do.....	208 32
		Durley, Franc A.....	..do.....	50 00
		Gere, R. C.....	..do.....	45 00
		Johnson, Gertrude.....	..do.....	70 00
		Knorr, Lynn E.....	..do.....	150 00
		Lamb, Allie.....	..do.....	70 00
		Lee, Albert R.....	..do.....	100 00
		Love, Irene.....	..do.....	50 00
		McConn, Charles M.....	..do.....	291 66
		Miles, Lois M.....	..do.....	75 00
		Morey, Lloyd.....	..do.....	125 00
		Muhleman, Elizabeth.....	..do.....	50 00
		Phelps, Vergil V.....	..do.....	166 66
		Smith, Ira M.....	..do.....	166 66
		Steitz, Alfred.....	..do.....	100 00
		Stipp, Maude.....	..do.....	50 00
		Swearingen, Daisy.....	..do.....	55 00
		Thompson, M. E.....	..do.....	100 00
		Tuttle, George P., Jr.....	..do.....	125 00
		Whitson, Anna V.....	..do.....	75 00
A 94	Sept. 18	M. E. Thompson, Cashier.....	Bills paid.....	32 48
A 95	..do....	M. E. Thompson, Cashier.....	General labor bills.....	9 70
A 96	Sept. 21	Ronald Press Co.....	Journal.....	3 00
A 97	..do....	W. B. Castenholz.....	Traveling expense.....	10 44
A 98	..do....	J. J. Hall & Son.....	Oak desk.....	8 50
A 99	..do....	Pittsburgh Plate Glass Co.....	Glass.....	1 95
A 100	..do....	Julius Andre & Sons Co.....	Telephone stand.....	10 00
A 101	..do....	The University Press.....	Printing.....	7 00
A 102	..do....	Flanigan-Pearson Co.....	..do.....	400 87
A 103	Sept. 23	M. E. Thompson, Cashier.....	Student labor.....	592 92
A 104	Sept. 24	P. S. Campbell.....	Printing.....	3 00
A 105	..do....	Twin City Bindery & Blank Book Co.....	Ledger binders.....	3 75
A 106	..do....	W. B. Castenholz.....	Traveling expense.....	18 95
A 107	..do....	MacChesney & Becker.....	Legal services.....	52 43
A 108	Sept. 28	Pay roll.....	September, 1915.....	70 00
		Fink, Madge.....	Salary.....	\$70 00
A 109	..do....	W. W. Miller.....	Salary, September, 1915.....	75 00
A 110	..do....	Meyer & Wenthe.....	Labor.....	5 75
A 111	..do....	Twin City Ice & Cold Storage Co.....	Ice.....	2 00
A 112	Sept. 29	Twin City Bindery & Blank Book Co.....	Printing.....	19 60
A 113	..do....	Twin City Printing Co.....	..do.....	13 65
A 114	..do....	W. B. Castenholz, Comptroller.....	Material furnished from Univer- sity storeroom.....	328 95
A 115	..do....	C. A. Kiler.....	Office equipment.....	6 25
A 116	Sept. 30	M. E. Thompson, Cashier.....	Bills paid.....	140 37
A 117	..do....	M. E. Thompson, Cashier.....	..do.....	42 06

## ADMINISTRATIVE OFFICES VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
1915				
A 118	Sept. 30	M. E. Thompson, Cashier	Labor bills	\$ 24 00
A 119	.do.	Peck & Hills Furniture Co.	Table	12 25
A 120	Oct. 5	M. E. Thompson, Cashier	General labor	98 60
A 121	.do.	M. E. Thompson, Cashier	Sundry bills	8 80
A 122	.do.	M. E. Thompson, Cashier	Student labor	139 91
A 123	Oct. 8	A. W. Shaw Co.	Subscription	2 00
A 124	.do.	The University Press	Printing	13 20
A 125	.do.	Irving-Pitt Mfg. Co.	Office supplies	7 70
A 126	.do.	The Ronald Press Co.	Books	7 20
A 127	.do.	Douglas Moseley, Administrator, Estate of J. K. Hopkins.	Traveling expenses	52 93
A 128	Oct. 9	LaKhue Kile	Wages, September, 1915.	75 60
A 129	Oct. 12	M. E. Thompson, Cashier	Student labor	49 40
A 130	Oct. 13	Julius Andrae & Sons Co.	Office equipment	14 80
A 131	.do.	20th Century Press Clipping Bureau	Incidentals	7 50
A 132	.do.	Ernst Hertzberg & Sons	Books	15 82
A 133	.do.	Dr. E. J. Filbey	Traveling expenses	13 21
A 134	.do.	W. B. Castenholz	.do	10 24
A 135	.do.	L. E. Knorr	.do	6 60
A 136	.do.	United Autographic Register Co.	Printing	48 55
A 137	.do.	C. S. Moss	Traveling expense	14 94
A 138	Oct. 15	Pay roll	October, 1915.	1,641 65
		Castenholz, W. B.	Salary	\$ 250 00
		Filby, E. J.	.do	183 33
		James, Edmund J.	.do	1,000 00
		Kinley, David	.do	83 33
		Harker, O. A.	.do	83 33
		Seymour, A. R.	.do	41 66
A 139	.do.	M. E. Thompson, Cashier	Sundry bills	133 42
A 140	.do.	P. S. Campbell	Printing	1 75
A 141	.do.	M. E. Thompson, Cashier	General labor	47 35
A 142	Oct. 19	B. A. Strauch	Picture frames	5 00
A 143	.do.	R. W. Butler Paper Co.	Office supplies	86 82
A 144	.do.	Chester Transfer Co.	Taxi	1 00
A 145	.do.	H. E. Cunningham	Traveling expense	17 39
A 146	.do.	W. L. Abbott	.do	37 73
A 147	.do.	Louis Melind Co.	Stamps	1 48
A 148	.do.	Peck & Hills Furniture Co.	Office equipment	16 00
A 149	.do.	D. H. Lloyd	Filing steel	1 40
A 150	Oct. 20	Flanigan-Pearson Co.	Printing	75 00
A 151	.do.	Louden & Flanigan	.do	64 50
A 152	.do.	The University Press	.do	21 60
A 153	Oct. 21	Pay roll	October, 1915.	2,469 96
		Boice, L. A.	Salary	\$133 33
		Broadhurst, Tabitha	.do	83 33
		Buckler, Helen I.	.do	60 00
		Cunningham, H. E.	.do	208 32
		Durfey, Franc A.	.do	50 00
		Fink, Madge	.do	70 00
		Gere, R. C.	.do	45 00
		Johnson, Gertrude	.do	70 00
		Knorr, Lynn E.	.do	150 00
		Lamb, Allie	.do	70 00
		Lee, Albert R.	.do	100 00
		Love, Irene	.do	50 00
		McConn, Charles M.	.do	291 66
		Miles, Lois	.do	75 00
		Morey, Lloyd	.do	125 00
		Muhleman, Elizabeth	.do	50 00
		Phelps, Vergil V.	.do	166 66
		Smith, Ira M.	.do	166 66
		Steitz, Alfred	.do	100 00
		Stipp, Maude	.do	50 00
		Swearington, Daisy	.do	55 00
		Thompson, M. E.	.do	100 00
		Tuttle, George P., Jr.	.do	125 00
		Whitson, Anna V.	.do	75 00
A 154	Oct. 22	Pay roll	October, 1915.	70 00
		Kile, LaRhue	Salary	\$70 00
A 155	.do.	Ellen M. Henrotin	Traveling expense	47 25
A 156	.do.	Twin City Ice & Cold Storage Co.	Bottle	1 00
A 157	.do.	Caldwell Electric Co.	Rent on fan	10 00
A 158	.do.	Louden & Flanigan	Printing	15 00
A 159	.do.	Flanigan & Pearson	.do	65 11
A 160	.do.	M. E. Thompson, Cashier	Bills paid	96 07
A 161	.do.	M. E. Thompson, Cashier	.do	25 00
A 162	.do.	M. E. Thompson, Cashier	.do	3 41
A 163	Oct. 25	Remington Typewriter Co.	Typewriter	99 00

## ADMINISTRATIVE OFFICES VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1915			
A 164	Oct. 25	Andrey Lacey	Wages, October, 1915	\$ 45 00
A 165	..do..	The University Press	Printing	51 50
A 166	Oct. 26	Pay roll	October, 1915	75 00
		Miller, W. W.	Salary	\$75 00
A 167	Oct. 27	C. A. Kiler	Office equipment	12 32
A 168	..do..	Morgan's Rug Mfg. Co	Rugs	2 45
A 169	..do..	M. E. Thompson, Cashier	Bills paid	10 25
A 170	..do..	M. E. Thompson, Cashier	..do.	36 20
A 171	..do..	M. E. Thompson, Cashier	..do.	22 51
A 172	Oct. 28	United States Audit Co.	Services	231 32
A 173	Oct. 30	E. H. Williams	Traveling expense	12 23
A 174	..do..	J. W. Butler Paper Co	Gummed labels	1 47
A 175	..do..	R. G. Dun & Co.	Journals	15 00
A 176	..do..	The Globe-Wernicke Co.	Files	86 34
A 177	..do..	W. B. Castenholz, Comptroller	Material furnished from University storeroom	300 44
			Traveling expense	11 09
A 178	Nov. 5	W. B. Castenholz, Comptroller	..do.	23 50
A 179	..do..	The Drake Hotel Co	..do.	82 78
A 180	..do..	Florence E. Watson	..do.	18 60
A 181	..do..	M. E. Thompson, Cashier	Bills paid	52 50
A 182	..do..	M. E. Thompson, Cashier	..do.	147 31
A 183	..do..	M. E. Thompson, Cashier	..do.	
A 184	Nov. 6	W. B. Castenholz, Comptroller	Material furnished from University storeroom	25 78
			Freight	1 19
A 185	Nov. 8	Illinois Central R. R. Co.	Traveling expenses	29 06
A 186	..do..	Florence E. Watson	Books	33 01
A 187	..do..	Ernst Hertzberg & Sons	Office equipment	296 44
A 188	..do..	The University of Illinois Supply Store	..do.	50 06
A 189	..do..	D. T. Swannell	Bond	49 50
A 190	..do..	United Autographic Register	Registers	4 00
A 191	..do..	J. M. Hanson-Bennett Magazine Agency	Subscriptions	1 50
A 192	Nov. 11	The Chester Transfer Co.	Taxi	11 14
A 193	..do..	W. B. Castenholz, Comptroller	Traveling expense	11 89
A 194	..do..	Mary E. Busey	..do.	267 47
A 195	..do..	J. W. Butler Paper Co.	Office supplies	2 00
A 196	..do..	P. S. Campbell	Printing	40 08
A 197	..do..	Flanigan-Pearson Co.	..do.	13 00
A 198	..do..	Urbana Courier Co.	..do.	11 65
A 199	Nov. 12	Twin City Printing Co.	..do.	11 25
A 200	..do..	Louden & Flanigan	..do.	26 75
A 201	..do..	P. S. Campbell	..do.	28 59
A 202	..do..	M. E. Thompson, Cashier	Bills paid	48 60
A 203	..do..	M. E. Thompson, Cashier	..do.	53 50
A 204	Nov. 15	Flanigan-Pearson Co.	Printing	3 81
A 205	..do..	Irving Pitt Mfg. Co.	Office supplies	26 45
A 206	..do..	O. A. Harker	Traveling expense	6 85
		L. E. Knorr, Assistant Comptroller	..do.	1,711 65
		Pay roll	November, 1915	
		Castenholz, W. B.	Salary	\$ 250 00
		Filby, E. J.	..do.	183 33
		James, Edmund	..do.	1,000 00
		Kile, LeRhue	..do.	70 00
		Kinley, David	..do.	83 33
		Harker, O. A.	..do.	83 33
		Seymour, A. R.	..do.	41 66
A 207	Nov. 19	Ellen M. Henrotin	Traveling expense	30 63
A 208	..do..	M. E. Thompson, Cashier	Bills paid	37 50
A 209	..do..	M. E. Thompson, Cashier	..do.	66 76
A 210	Nov. 23	H. S. Capron, Treasurer	Material from University storeroom	264 00
			..do.	40 19
A 211	..do..	H. S. Capron, Treasurer	..do.	2,508 42
A 212	..do..	Pay roll	November, 1915	
		Boice, L. A.	Salary	\$133 33
		Broadhurst, Tabitha	..do.	83 33
		Buckler, Helen I.	..do.	60 00
		Cunningham, H. E.	..do.	208 32
		Devine, Jeannette	..do.	38 46
		Durfey, Franc A.	..do.	50 00
		Fink, Madge	..do.	70 00
		Gere, R. C.	..do.	45 00
		Johnson, Gertrude	..do.	70 00
		Knorr, Lynn E.	..do.	150 00
		Lamb, Allie B.	..do.	70 00
		Lee, Albert R.	..do.	100 09
		Love, Irene	..do.	50 00
		McConn, Charles M.	..do.	291 66
		Miles, Lois M.	..do.	75 00
		Morey, Lloyd	..do.	125 00

## ADMINISTRATIVE OFFICES VOUCHERS—Continued.

No.	Date.	To whom .	For what.	Amount.
<b>1915</b>				
A 212	Nov. 23	Muhleman, Elizabeth	Salary	\$ 50 00
Cld.		Phelps, Vergil V	do	166 66
		Smith, Ira M	do	166 66
		Steitz, Alfred	do	100 00
		Stipp, Maude	do	50 00
		Swearingen, Daisy	do	55 00
		Thompson, M. E.	do	100 00
		Tuttle, George P., Jr.	do	125 00
		Whitson, Anna V	do	75 00
A 213	Nov. 24	Audrey Lacey	Wages, November, 1915	\$ 45 00
A 214	do	Leigh Hunt	do	40 00
A 215	Nov. 26	M. E. Thompson, Cashier	Bills paid	31 65
A 216	do	M. E. Thompson, Cashier	do	3 71
A 217	do	M. E. Thompson, Cashier	do	118 62
A 218	do	M. E. Thompson, Cashier	do	42 70
A 219	Nov. 26	David Kinley	Traveling expense	17 26
A 220	do	D. H. Loyde	Office supplies	2 26
A 221	Nov. 29	J. W. Butler Paper Co	Printing	37 84
A 222	do	The Ronald Press Co	Books	2 40
A 223	do	Ernst Hertzberg & Sons	do	1 05
A 224	do	American Educational Co.	do	4 00
A 225	do	Florence E. Watson	Traveling expense	74 71
A 226	Nov. 30	Commerce Clearing House	Books	18 50
A 227	do	The Ronald Press Co	do	2 40
A 228	Dec. 7	Illinois Central Ry. Co	Freight	1 95
A 229	do	W. B. Castenholz, Comptroller	Traveling expense	10 34
A 230	do	Flanigan-Pearson Co	Printing	1 50
A 231	do	Percival & Moorehead	Filing cabinet	12 50
A 232	do	L. C. Smith & Bros.	Typewriter	128 00
A 233	do	H. E. Cunningham	Traveling expense	16 19
A 234	Dec. 8	M. E. Thompson, Cashier	Bills paid	1 79
A 235	do	M. E. Thompson, Cashier	do	73 63
A 236	do	M. E. Thompson, Cashier	Bills paid	80 85
A 237	Dec. 9	Pantagraph Printing & Stationery Co.	Printing	5 00
A 238	Dec. 10	Pay roll	December, 1915	1,711 65
		Castenholz, W. B.	Salary	\$ 250 00
		Filby, E. J.	do	183 33
		James, Edmund J.	do	1,000 00
		Kile, LaRhue	do	70 00
		Kinley, David	do	83 33
		Harker, O. A.	do	83 33
		Seymour, A. R.	do	41 66
A 239	Dec. 13	The University Press	Printing	4 00
A 240	do	University of Illinois Supply Store	Office supplies	8 00
A 241	do	Pay roll	December, 1915	2,594 96
		Boice, L. A.	Salary	\$133 33
		Broadhurst, Tabitha	do	83 33
		Buckler, Helen I.	do	60 00
		Cunningham, M. E.	do	208 32
		Devine, Jeannette	do	50 00
		Durfey, Franc	do	50 00
		Fink, Madge	do	70 00
		Gere, R. C.	do	45 00
		Johnson, Gertrude	do	70 00
		Knorr, Lynn E.	do	150 00
		Lamb, Allie	do	70 00
		Lee, Albert R.	do	100 00
		Love, Irene	do	50 00
		McConn, Charles M.	do	291 66
		Miles, Lois	do	75 00
		Morey, Lloyd	do	125 00
		Muhleman, Elizabeth	do	50 00
		Phelps, Vergil V	do	166 66
		Smith, Ira M	do	166 66
		Steitz, Alfred	do	100 00
		Stipp, Maude	do	50 00
		Swearingen, Daisy	do	55 00
		Thompson, M. E.	do	100 00
		Tuttle, George P., Jr.	do	125 00
		Whitson, Anna V	do	75 00
		Ziegler, Maurice	do	75 00
A 242	Dec. 15	M. E. Thompson, Cashier	Bills paid	7 34
A 243	do	M. E. Thompson, Cashier	do	18 70
A 244	Dec. 16	H. S. Capron, Treasurer	Material furnished from University storeroom	280 51
A 245	Dec. 20	Louden & Flanigan	Printing	28 50
A 246	do	MacChesney & Beeker	Services	217 00
A 247	do	H. E. Cunningham	Traveling expense	17 84

## ADMINISTRATIVE OFFICES VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
1915				
A 248	Dec. 20	W. L. Abbott	Traveling expense	\$ 6 26
A 249	.do.	Warren H. Orr	Reference set	1 00
A 250	.do.	The Big Four Ry. Co.	Freight	2 18
A 251	.do.	Peck & Hills Furniture Co.	Mirror	2 04
A 252	.do.	University Club	Incidentals	2 00
A 253	.do.	Work-Organizer Specialties Co.	Drawer file	1 00
A 254	Dec. 21	M. E. Thompson, Cashier	Bills paid	21 15
A 255	.do.	M. E. Thompson, Cashier	.do.	36 55
A 256	Dec. 22	M. E. Thompson, Cashier	.do.	70 85
A 257	.do.	M. E. Thompson, Cashier	.do.	4 73
A 258	.do.	Clarence W. Glover	General supplies	25 00
A 259	.do.	The University of Illinois Supply Store	Office equipment	25 20
A 260	.do.	Boyd S. Blaine	Recording mortgage	1 70
A 261	.do.	Florence E. Watson	Traveling expense	76 67
A 262	.do.	The University Press	Printing	7 85
A 263	Dec. 30	Laura B. Evans	Traveling expense	88 25
A 264	.do.	W. B. Castenholz, Comptroller	.do.	21 34
A 265	Dec. 31	Andrey Lacy	Salary, December, 1915	45 00
A 266	.do.	W. F. Gephart	Traveling expense	8 26
A 267	.do.	The Chester Transfer Co.	.do.	1 50
A 268	.do.	Globe-Wernicke Co.	Furniture and fixtures	2 40
A 269	.do.	Burroughs Adding Machine Co.	Attention to machine	3 50
A 270	.do.	H. V. Canter	Traveling expense	8 89
A 271	.do.	Arthur C. Cole	.do.	7 09
A 272	.do.	W. A. Noyse	.do.	5 04
A 273	.do.	C. M. McConn	.do.	14 29
A 274	.do.	Lloyd Morey	.do.	18 14
A 275	.do.	H. S. Capron, Treasurer	Material furnished from University storeroom	150 09
1916				
A 276	Jan. 5	M. E. Thompson, Cashier	Bills paid	41 80
A 277	.do.	M. E. Thompson, Cashier	.do.	4 24
A 278	.do.	M. E. Thompson, Cashier	.do.	40 69
A 279	Jan. 7	W. L. Abbott	Traveling expense	13 69
A 280	.do.	Illinois State Reformatory	Printing	300 04
A 281	.do.	W. B. Castenholz, Comptroller	Traveling expense	10 54
A 282	.do.	W. Lewis & Co.	Cork	18 30
A 283	Jan. 8	The Chester Transfer Co.	Taxi	1 50
A 284	.do.	Illinois State Reformatory	Printing	23 00
A 285	.do.	The Drake Hotel Co.	Lunches	23 10
A 286	.do.	Chicago Tribune	Subscription	5 50
A 287	.do.	United Autographic Register Co.	Printing	16 80
A 288	Jan. 11	Arthur R. Crathorne	Traveling expense	9 59
A 289	.do.	Harry G. Paul	.do.	9 94
A 290	.do.	Henry B. Ward	.do.	9 52
A 291	.do.	20th Century Press Clipping Bureau	Incidentals	7 50
A 292	Jan. 12	M. E. Thompson, Cashier	Sundry bills	4 48
A 293	.do.	M. E. Thompson, Cashier	Labor bills	41 20
A 294	.do.	M. E. Thompson, Cashier	.do.	59 85
A 295	Jan. 13	Pay roll	January, 1916	1,711 65
		Castenholz, W. B.	Salary, 1916	\$ 250 00
		Filby, E. J.	.do.	183 33
		James, Edmund	.do.	1,000 00
		Kile, LaRhue	.do.	70 00
		Kinley, David	.do.	83 33
		Harker, O. A.	.do.	83 33
		Seymour, A. R.	.do.	41 66
A 296	.do.	Illinois State Reformatory	Printing	54 05
A 297	.do.	L. C. Smith & Bros.	Platen rolls	4 00
A 298	.do.	Champaign County Abstract Co.	Abstract charge	3 50
A 299	.do.	The University Press	Printing	7 13
A 300	Jan. 18	M. E. Thompson, Cashier	Bills paid	4 00
A 301	.do.	M. E. Thompson, Cashier	Express bills	2 80
A 302	.do.	M. E. Thompson, Cashier	Labor bills	22 85
A 303	.do.	M. E. Thompson, Cashier	.do.	36 30
A 304	Jan. 19	W. B. Castenholz, Comptroller	Traveling expense	11 09
A 305	.do.	R. R. Donnelley & Sons Co.	Publications	1 32
A 306	.do.	H. E. Cunningham	Traveling expense	22 94
A 307	.do.	Central Union Telephone Co.	Exchange services	6 00
A 308	.do.	Remington Typewriter Co.	General supplies	1 00
A 309	.do.	D. G. Swannell	Bond	12 50
A 310	.do.	O. A. Harker	Traveling expense	8 69
A 311	.do.	Edward H. Decker	.do.	7 95
A 312	.do.	Illinois State Reformatory	Printing	43 90
A 313	.do.	P. S. Campbell	.do.	1 75
A 314	.do.	Pay roll	January, 1916	2,634 96
		Boice, L. A.	Salary, 1916	\$133 33
		Broadhurst, Tabitha	.do.	83 33

## ADMINISTRATIVE OFFICES VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
A 314 Cld.	1916 Jan. 19	Buckler, Helen I.	Salary.	\$ 60 00
		Cunningham, H. E.	do.	208 32
		Devine, Jeannette.	do.	50 00
		Durfee, Franc A.	do.	50 00
		Fink, Madge.	do.	70 00
		Gere, R. C.	do.	45 00
		Hunt, Leigh.	do.	40 00
		Johnson, Gertrude.	do.	70 00
		Knorr, Lynn E.	do.	150 00
		Lamb, Allie.	do.	70 00
		Lee, Albert.	do.	100 00
		Love, Irene.	do.	50 00
		McConn, Chas. M.	do.	291 66
		Miles, Lois M.	do.	75 00
		Morey, Lloyd.	do.	125 00
		Muhleman, Elizabeth.	do.	50 00
		Phelps, Vergil V.	do.	166 66
		Smith, Ira M.	do.	166 66
		Steitz, Alfred.	do.	100 00
		Stipp, Maude.	do.	50 00
		Swearingen, Daisy.	do.	55 00
		Thompson, M. E.	do.	100 00
		Tuttle, George P., Jr.	do.	125 00
		Whitson, Anna.	do.	75 00
		Ziegler, Maurice.	do.	75 00
A 315	Jan. 20	The Big Four Ry. Co.	Freight.	\$ 2 35
A 316	Jan. 22	Illinois State Reformatory.	Printing.	2 10
A 317	Jan. 24	Andrew Lacey.	Salary, January, 1916.	45 00
A 318	do.	Mary E. Busey.	Traveling expense.	7 09
A 319	do.	Ernst Hertzberg & Sons.	Books.	20 76
A 320	do.	Illinois State Reformatory.	Printing.	4 25
A 321	Jan. 25	M. E. Thompson, Cashier.	Miscellaneous bills.	14 92
A 322	do.	M. E. Thompson, Cashier.	Labor bills.	30 05
A 323	Jan. 27	Flanigan-Pearson Co.	Printing.	40 08
A 324	do.	Florence E. Watson.	Traveling expense.	50 58
A 325	Jan. 28	The Globe-Wernicke Co.	Office equipment.	50 70
A 326	do.	Illinois State Reformatory.	Printing.	17 55
A 327	Jan. 31	H. S. Capron, Treasurer.	Material furnished from University storeroom.	232 57
A 328	do.	Illinois State Reformatory.	Printing.	19 90
A 329	Feb. 7	M. E. Thompson, Cashier.	Labor bills.	52 50
A 330	do.	M. E. Thompson, Cashier.	do.	7 50
A 331	do.	M. E. Thompson, Cashier.	Express bills.	1 48
A 332	do.	M. E. Thompson, Cashier.	Labor bills.	48 95
A 333	do.	The Chester Transfer Co.	Taxi.	5 25
A 334	do.	Louis Melind Co.	Office supplies.	1 94
A 335	do.	United States Audit Co.	Services.	186 33
A 336	do.	Illinois State Reformatory.	Printing.	23 70
A 337	Feb. 11	W. B. Castenholz, Comptroller.	Traveling expense.	12 39
A 338	do.	Lloyd Morey.	do.	19 76
A 339	do.	The Drake Hotel Co.	do.	20 95
A 340	do.	Florence E. Watson.	do.	25 00
A 341	do.	Bleazby Shop of Gifts.	Office supplies.	1 50
A 342	Feb. 14	M. E. Thompson, Cashier.	Labor bills.	564 30
A 343	Feb. 15	Flanigan-Pearson Co.	Printing.	232 09
A 344	do.	Twin City Printing Co.	do.	28 60
A 345	do.	H. E. Cunningham.	Traveling expense.	23 49
A 346	Feb. 16	M. E. Thompson, Cashier.	Labor bills.	128 24
A 347	do.	M. E. Thompson, Cashier.	do.	47 95
A 348	do.	Pay roll.	February, 1916.	2,634 96
		Boice, L. A.	Salary.	\$133 33
		Broadhurst, Tabitha.	do.	83 33
		Buckler, Helen I.	do.	60 00
		Cunningham, H. E.	do.	208 32
		Devine, Jeannette.	do.	50 00
		Durfee, Franc A.	do.	50 00
		Fink, Madge.	do.	70 00
		Gere, R. C.	do.	45 00
		Hunt, Leigh.	do.	40 00
		Johnson, Gertrude.	do.	70 00
		Knorr, Lynn E.	do.	150 00
		Lamb, Allie.	do.	70 00
		Lee, Albert R.	do.	100 00
		Love, Irene.	do.	50 00
		McConn, Charles M.	do.	291 66
		Miles, Lois M.	do.	75 00
		Morey, Lloyd.	do.	125 00
		Muhleman, Elizabeth.	do.	50 00

## ADMINISTRATIVE OFFICES VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
1916				
A 348	Feb. 16	Phelps, Vergil V	Salary	\$166 66
Cld.		Smith, Ira M	do	166 66
		Steitz, Alfred	do	100 00
		Stipp, Maude	do	50 00
		Swearingen, Daisy	do	55 00
		Thompson, M. E.	do	100 00
		Tuttle, George P., Jr.	do	125 00
		Whitson, Anna V.	do	75 00
		Ziegler, Maurice	do	75 00
		Pay roll	February, 1916	
		Castenholz, W. B.	Salary	\$ 250 00
A 349	Feb. 17	Filby, E. J.	do	183 33
		James, Edmund J.	do	1,000 00
		Kile, LaRhue	do	70 00
		Kinley, David	do	83 33
		Harker, O. A.	do	83 33
		Seymour, A. R.	do	41 66
		J. W. Butler Paper Co.	Printing	72 89
A 350	Feb. 18	P. S. Campbell	do	3 00
A 351	do	do	do	12 59
A 352	Feb. 19	W. B. Castenholz, Comptroller	Traveling expenses	1 98
A 353	do	Irving Pitt Mfg. Co.	Office supplies	36 27
A 354	Feb. 21	M. E. Thompson, Cashier	Labor bills	5 57
A 355	do	M. E. Thompson, Cashier	Express bills	58 15
A 356	Feb. 22	Illinois State Reformatory	Printing	
A 357	Feb. 23	H. S. Capron, Treasurer	Material furnished from University storeroom	348 67
A 358	Feb. 26	M. E. Thompson, Cashier	Labor bills	33 93
A 359	do	M. E. Thompson, Cashier	Telephone bills	16 18
A 360	do	M. E. Thompson, Cashier	Labor bills	7 55
A 361	do	Audrey Lacey	Salary, February, 1916	45 00
A 362	do	Louden & Flanigan	Printing	8 50
A 363	Feb. 29	Florence E. Watson	Traveling expense	61 72
A 364	do	H. S. Capron, Treasurer	do	13 09
A 365	do	Illinois State Reformatory	Printing	21 45
A 366	do	P. S. Campbell	do	1 50
A 367	do	Louden & Flanigan	do	47 50
A 368	do	M. E. Thompson, Cashier	Labor bills	51 00
A 369	do	M. E. Thompson, Cashier	do	28 55
A 370	do	M. E. Thompson, Cashier	Miscellaneous bills	82 26
A 371	do	Harrington Mfg. Co.	General supplies	2 40
A 372	do	Geo. B. Carpenter & Co.	do	2 80
A 373	do	H. S. Capron, Treasurer	Material furnished from University storeroom	59 75
A 374	Mar. 7	M. E. Thompson, Cashier	Labor bills	38 85
A 375	Mar. 9	W. B. Castenholz, Comptroller	Traveling expense	12 74
A 376	do	The Drake Hotel Co.	Luncheons	38 45
A 377	do	Remington Typewriter Co.	General supplies	5 35
A 378	do	The Chester Transfer Co.	Taxi	6 00
A 379	do	The University Press	Printing	5 50
A 380	Mar. 10	M. E. Thompson, Cashier	Labor bills	33 60
A 381	do	M. E. Thompson, Cashier	Miscellaneous bills	6 76
A 382	do	M. E. Thompson, Cashier	Express bills	1 17
A 383	do	M. E. Thompson, Cashier	Labor bills	39 40
A 384	do	M. E. Thompson, Cashier	do	4 33
A 385	Mar. 13	Burroughs Adding Machine Co.	Repairs	3 25
A 386	do	Flanigan-Pearson Co.	Printing	37 30
A 387	Mar. 14	H. S. Capron, Treasurer	Material furnished from University storeroom	45 87
A 388	do	H. S. Capron, Treasurer	do	253 05
A 389	Mar. 15	Pay roll	March, 1916	2,634 96
		Boice, L. A.	Salary	\$133 33
		Broadhurst, Tabitha	do	83 33
		Buckler, Helen	do	60 00
		Cunningham, H. E.	do	208 32
		Devine, Jeannette	do	50 00
		Durley, Franc A.	do	50 00
		Fink, Madge	do	70 00
		Gere, R. C.	do	45 00
		Hunt, Leigh	do	40 00
		Johnson, Gertrude	do	70 00
		Knorr, Lynn E.	do	150 00
		Lamb, Allie B.	do	70 00
		Lee, Albert R.	do	100 00
		Love, Irene	do	50 00
		McConn, Charles M.	do	291 66
		Miles, Lois M.	do	75 00
		Morey, Lloyd	do	125 00
		Muhleman, Elizabeth	do	50 00

## ADMINISTRATIVE OFFICES VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
<b>1916</b>				
A 389	Mar. 15	Phelps, Vergil V.	Salary	\$166 66
Cld.		Smith, Ira M.	do	166 66
		Steitz, Alfred	do	100 00
		Stipp, Maude	do	50 00
		Swearingen, Daisy	do	55 00
		Thompson, M. E.	do	100 00
		Tuttle, George P., Jr.	do	125 00
		Whitson, Anna V.	do	75 00
A 390	Mar. 16	Ziegler, Maurice	do	75 00
		Pay roll	March, 1916	\$1,711 65
		Castenholz, W. B.	Salary	\$ 250 00
		Filby, E. J.	do	183 33
		James, Edmund J.	do	1,000 00
		Kile, LaRhue	do	70 00
		Kinley, David	do	83 33
A 391	do	Harker, O. A.	do	83 33
		Seymour, A. R.	do	41 66
A 392	do	Ronald Press Co.	General supplies	10 00
A 392	do	W. B. Castenholz, Comptroller	Traveling expense	7 65
A 393	do	The Chester Transfer Co.	Taxi	1 50
A 394	Mar. 18	M. E. Thompson, Cashier	Labor bills	11 25
A 395	do	M. E. Thompson, Cashier	Miscellaneous bills	80 74
A 396	do	M. E. Thompson, Cashier	Express bills	4 04
A 397	do	M. E. Thompson, Cashier	Labor bills	37 20
A 398	Mar. 21	Flanigan-Pearson Co.	Printing	139 62
A 399	do	Illinois State Reformatory	do	30 75
A 400	Mar. 23	Chamber of Commerce	Incidentals	25 00
A 401	do	Remington Typewriter Co.	General supplies	1 00
A 402	do	Florence E. Watson	Traveling expense	25 00
A 403	do	David Kinley	do	8 19
A 404	do	Illinois State Reformatory	Printing	5 40
A 405	Mar. 24	Audrey Lacey	Salary, March	45 00
A 406	do	Louden & Flanigan	Printing	63 75
A 407	Mar. 27	Ellen M. Henrotin	Traveling expense	15 80
A 408	do	C. M. McConn	do	34 04
A 409	Mar. 29	M. E. Thompson, Cashier	Labor bills	49 30
A 410	do	M. E. Thompson, Cashier	do	5 00
A 411	do	H. S. Capron, Treasurer	Material furnished from University storeroom	146 74
A 412	Mar. 30	The Big Four R. R. Co.	Freight	1 20
A 413	do	W. B. Castenholz, Comptroller	Traveling expense	20 14
A 414	Mar. 31	Lloyd Morey	do	24 59
A 415	do	H. E. Cunningham	do	10 84
A 416	do	M. E. Thompson, Cashier	Labor bills	37 20
A 417	do	M. E. Thompson, Cashier	do	12 00
A 418	do	H. S. Capron, Treasurer	Material furnished from University storeroom	251 57
A 419	do	Illinois State Reformatory	Printing	45 85
A 420	do	Flanigan-Pearson Co.	do	54 00
A 421	do	J. W. Butler Paper Co.	do	85 09
A 422	Apr. 6	M. E. Thompson, Cashier	Labor bills	60 24
A 423	Apr. 8	M. E. Thompson, Cashier	Miscellaneous bills	32 12
A 424	Apr. 12	F. G. Blair	Traveling expense	6 10
A 425	do	W. B. Castenholz	do	7 90
A 426	do	The 20th Century Press Clipping Bureau	Office supplies	7 50
A 427	do	Florence E. Watson	Traveling expense	28 04
A 428	do	P. S. Campbell	Printing	2 75
A 429	Apr. 13	M. E. Thompson, Cashier	Labor bills	60 35
A 430	do	M. E. Thompson, Cashier	Express bills	2 72
A 431	do	M. E. Thompson, Cashier	Labor bills	41 40
A 432	Apr. 14	Urbana & Champaign Gas & Electric Co.	Incidentals	4 40
A 433	do	Oswald Publishing Co.	Books	1 62
A 434	Apr. 17	J. W. Butler Paper Co.	Printing	49 44
A 435	do	Louden & Flanigan	do	10 50
A 436	Apr. 18	Edward J. Filby	Traveling expense	2 75
A 437	do	The University of Illinois Supply Store	General supplies	13 05
A 438	do	Illinois State Reformatory	Printing	4 75
A 439	Apr. 19	Pay roll	April, 1916	1,711 65
A 440	do	Castenholz, W. B.	Salary	\$ 250 00
		Filbey, E. J.	do	183 33
		James, Edmund J.	do	1,000 00
		Kile, LaRhue	do	70 00
		Kinley, David	do	83 33
		Harker, O. A.	do	83 33
		Seymour, A. R.	do	41 66
A 440	do	Pay roll	April, 1916	2,514 96



## ADMINISTRATIVE OFFICES VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
A 440 Cld.	1916 Apr. 19	Boice, L. A.	Salary	\$133 33
		Broadhurst, Tabitha	do	83 33
		Buckler, Helen	do	60 00
		Cunningham, H. E.	do	208 32
		Devine, Jeannette	do	50 00
		Durfey, Franc	do	50 00
		Fink, Hodge	do	70 00
		Hunt, Legh	do	40 00
		Johnson, Gertrude	do	70 00
		Knorr, Lyna	do	150 00
		Lamb, Allie	do	70 00
		Lee, Albert	do	100 00
		Love, Irene	do	50 00
		McConn, Chas. M.	do	291 66
		Miles, Lois	do	75 00
		Morey, Lloyd	do	125 00
		Muhleman, Elizabeth	do	50 00
		Phelps, Vergil V.	do	166 66
		Smith, Ira M.	do	166 66
		Steitz, Alfred	do	100 00
		Stipps, Maude	do	50 00
		Swearingen, Daisy	do	55 00
		Thompson, M. E.	do	100 00
		Tuttle, George F. Jr.	do	125 00
		Ziegler, Maurice	do	75 00
A 441	do	M. E. Thompson, Cashier	Miscellaneous bills	\$ 26 12
A 442	do	M. E. Thompson, Cashier	Labor bills	33 35
A 443	do	M. E. Thompson, Cashier	do	23 00
A 444	Apr. 20	Florence E. Watson	Traveling expense	22 80
A 445	do	Pay roll	April, 1916	100 00
A 446	Apr. 21	Whitson, Anna V.	Salary	\$100 00
		H. S. Capron, Treasurer	Material furnished from University storeroom	166 49
A 447	Apr. 27	M. E. Thompson, Cashier	Labor bills	46 40
A 448	do	M. E. Thompson, Cashier	do	13 80
A 449	do	M. E. Thompson, Cashier	Express bills	33 53
A 450	Apr. 28	Audrey Lacy	Salary, April	45 00
A 451	do	Florence E. Watson	Traveling expense	23 00
A 452	do	David Kinley	do	23 25
A 453	do	The Big Four Ry. Co.	Freight	2 05
A 454	do	Lloyd Morey	Traveling expense	22 54
A 455	do	W. B. Castenholz	do	25 14
A 456	do	The Ronald Press Co.	General supplies	3 20
A 457	do	Flanigan-Pearson Co.	Printing	14 00
A 458	do	Louden & Flanigan	do	21 20
A 459	Apr. 29	H. E. Cunningham	Traveling expense	9 64
A 460	do	H. S. Capron, Treasurer	Material furnished from University storeroom	177 63
A 461	May 5	M. E. Thompson, Cashier	Labor bills	69 50
A 462	do	M. E. Thompson, Cashier	do	57 29
A 463	May 11	Charles W. Mulliken, Postmaster	Rentals	1 75
A 464	do	W. B. Castenholz	Traveling expense	12 49
A 465	do	H. S. Capron, Treasurer	Material furnished from University storeroom	236 97
A 466	May 13	The Globe-Wernicke Co.	Furniture and fixtures	24 60
A 467	do	Irving-Pitt Mfg. Co.	Office supplies	8 81
A 468	do	Central Union Telephone Co.	Telephone and telegraph	6 00
A 469	do	Ellen M. Henrotin	Traveling expense	14 94
A 470	do	Chicago Herald	General supplies	6 50
A 471	do	The Drake Hotel Co.	Traveling expense	20 70
A 472	do	Flanigan-Pearson Co.	Printing	64 66
A 473	May 15	M. E. Thompson, Cashier	Labor	50 60
A 474	do	M. E. Thompson, Cashier	do	16 45
A 475	May 16	Ira M. Smith	Traveling expense	15 44
A 476	do	The Chester Transfer Co.	do	2 25
A 477	do	Flanigan-Pearson Co.	Printing	12 25
A 478	May 18	Louden & Flanigan	do	9 50
A 479	May 19	Mary E. Bussey	Traveling expense	11 94
A 480	do	The Globe Wernicke Co.	Furniture and fixtures	29 70
A 481	do	Chester Transfer Co.	Traveling expense	5 00
A 482	do	M. E. Thompson, Cashier	Miscellaneous bills	157 37
A 483	do	M. E. Thompson, Cashier	do	53 77
A 484	do	M. E. Thompson, Cashier	do	15 35
A 485	do	H. S. Capron, Treasurer	Material furnished from University storeroom	24 73
A 486	do	Pay roll	May, 1916	1,711 65
		Castenholz, W. B.	Salary	\$250 00
		Filbey, E. J.	do	183 33

## ADMINISTRATIVE OFFICES VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
A 486	1916 May 19	James, Edmund J.	Salary	\$1,000 00
Cld.		Kile, LaRhue	do.	70 00
		Kinley, David	do.	83 33
		Harker, O. A.	do.	83 33
A 487	do.	Seymour, A. R.	do.	41 66
		Pay roll	May, 1916	\$2,454 96
		Boice, L. A.	Salary	\$133 33
		Broadhurst, Tabitha	do.	83 33
		Buckler, Helen I.	do.	60 00
		Cunningham, H. E.	do.	208 32
		Devine, Jeannette	do.	50 00
		Durley, Franc.	do.	50 00
		Fink, Madge	do.	70 00
		Knorr, Lynn E.	do.	150 00
		Lamb, Allie	do.	70 00
		Lee, Albert E.	do.	100 00
		Love, Irene	do.	50 00
		McConn, Charles M.	do.	291 66
		Miles, Lois M.	do.	75 00
		Morey, Lloyd	do.	125 00
		Phelps, Vergil V.	do.	166 66
		Smith, Ira M.	do.	166 66
		Steitz, Alfred	do.	100 00
		Stipp, Maude	do.	50 00
		Swearingen, Daisy	do.	55 00
		Thompson, M. E.	do.	100 00
		Tuttle, George P., Jr.	do.	125 00
		Whitson, Anna V.	do.	100 00
		Zeigler, Maurice	do.	75 00
A 488	May 23	M. E. Thompson, Cashier	General labor	34 30
A 489	do.	M. E. Thompson, Cashier	Miscellaneous bills	59 82
A 490	May 29	Ellen M. Henrotin	Traveling expense	16 24
A 491	do.	W. B. Castenholz	do.	12 64
A 492	do.	Audrey Lacey	Wages	45 00
A 493	do.	M. E. Thompson, Cashier	Miscellaneous	56 60
A 494	do.	M. E. Thompson, Cashier	do.	11 00
A 495	June 1	Lloyd Morey	Traveling expense	18 59
A 496	do.	H. E. Cunningham	do.	17 29
A 497	do.	H. S. Capron, Treasurer	Material furnished from University storeroom	193 01
A 498	do.	H. S. Capron, Treasurer	do.	17 62
A 499	do.	H. S. Capron, Treasurer	do.	45 00
A 500	do.	Louden & Flanigan	Printing	19 00
A 501	do.	M. E. Thompson, Cashier	Miscellaneous	9 38
A 502	do.	M. E. Thompson, Cashier	do.	7 50
A 503	June 8	U. S. Audit Co.	Expert services	232 33
A 504	do.	B. F. Cummins Co.	Office equipment	18 75
A 505	do.	Chester Transfer Co.	Traveling expense	4 00
A 506	do.	David Kinley	do.	9 49
A 507	do.	Mary E. Busey	do.	11 89
A 508	do.	W. B. Castenholz	do.	7 50
A 509	do.	Florence E. Watson	do.	49 52
A 510	do.	Big Four Ry. Co.	Freight	1 13
A 511	do.	M. E. Thompson, Cashier	Miscellaneous	67 66
A 512	do.	M. E. Thompson, Cashier	do.	2 10
A 513	do.	M. E. Thompson, Cashier	do.	22 65
A 514	do.	M. E. Thompson, Cashier	do.	5 40
A 515	do.	M. E. Thompson, Cashier	do.	74 96
A 516	do.	M. E. Thompson, Cashier	do.	35 00
A 517	June 14	Drake Hotel Co.	Traveling expense	31 00
A 518	do.	J. W. Butler Paper Co.	Office supplies	3 72
A 519	do.	W. B. Castenholz	Traveling expense	13 99
A 520	do.	J. J. Hall & Son	Furniture and fixtures	54 50
A 521	do.	Peck & Hills Furniture Co.	do.	120 25
A 522	do.	Louden & Flanigan	Printing	61 35
A 523	do.	M. E. Thompson, Cashier	Miscellaneous	29 58
A 524	June 15	Bacon Bros.	Wall paper	1 00
A 525	do.	H. S. Capron, Treasurer	Material furnished from University storeroom	219 20
A 526	June 19	Oliver A. Harker	Traveling expense	7 49
A 527	do.	Peck & Hills Furniture Co.	Furniture and fixtures	12 65
A 528	do.	John C. Moore Corporation	Office supplies	4 50
A 529	do.	Chas. M. Samson	do.	5 00
A 530	do.	Laura B. Evans	Traveling expense	19 22
A 531	do.	M. E. Thompson, Cashier	Miscellaneous	56 03
A 532	do.	M. E. Thompson, Cashier	do.	57 20
A 533	do.	Louden & Flanigan	Printing	3 75

## ADMINISTRATIVE OFFICES VOUCHERS—Concluded.

No.	Date.	To whom.	For what.	Amount.
A 534	1916 June 19	Pay roll.....	June, 1916.....	\$3,754 95
		Castenholz, W. B.....	Salary.....	250 00
		Filbey, E. J.....	do.....	\$ 183 33
		James, Edmund J.....	do.....	1,000 00
		Kile, LaRhue.....	do.....	70 00
		Kinley, David.....	do.....	83 33
		Harker, O. A.....	do.....	83 33
		Seymour, A. R.....	do.....	41 66
		Clark, T. A.....	do.....	458 23
		Warnock, A. R.....	do.....	166 66
		Fair, Sue M.....	do.....	85 00
		Kyle, Martha J.....	do.....	145 83
		Martin, Ada North.....	do.....	66 66
		Hollister, H. A.....	do.....	270 83
		Didecott, J. J.....	do.....	133 33
		Beard, J. H.....	do.....	25 00
		Sperry, J. A.....	do.....	25 00
		Eldridge, A. G.....	do.....	250 00
		White, Jas. M.....	do.....	416 66
A 535	do....	Pay roll.....	June, 1916.....	3,174 95
		Boice, L. A.....	Salary.....	\$133 33
		Broadhurst, Tabitha.....	do.....	83 33
		Buckler, Helen.....	do.....	60 00
		Cunningham, H. E.....	do.....	203 32
		Durfey, Franc A.....	do.....	50 00
		Fink, Madge.....	do.....	70 00
		Knorr, Lynn E.....	do.....	150 00
		Lamb, Allie.....	do.....	70 00
		Lee, Albert R.....	do.....	100 00
		Lillathun, Myrtle.....	do.....	50 00
		Love, Irene.....	do.....	50 00
		McConn, Chas. M.....	do.....	291 66
		Miles, Lois M.....	do.....	75 00
		Morey, Lloyd.....	do.....	125 00
		Phelps, Vergil V.....	do.....	166 66
		Smith, Ira M.....	do.....	166 66
		Steitz, Alfred.....	do.....	100 00
		Stipp, Maude.....	do.....	50 00
		Swearingen, Daisy.....	do.....	55 00
		Thompson, M. E.....	do.....	100 00
		Tuttle, George P., Jr.....	do.....	125 00
		Whitson, Anna V.....	do.....	100 00
		Zeigler, Maurice.....	do.....	75 00
		Amos, Winifred.....	do.....	80 00
		Huber, Marle.....	do.....	50 00
		Powell, Burt E.....	do.....	208 33
		Atkinson, Chas. E.....	do.....	141 66
		Morrow, J. A.....	do.....	175 00
		Sincock, Julia.....	do.....	65 00
A 536	June 22	Irving-Pitt Mfg. Co.....	Office supplies.....	5 20
A 537	do....	Mr. Lloyd Morey.....	Traveling expense.....	14 34
A 538	do....	W. B. Castenholz.....	do.....	24 64
A 539	do....	Chester Transfer Co.....	do.....	2 00
A 540	do....	J. W. Butler Paper Co.....	Office supplies.....	15 19
A 541	do....	W. H. Courtwright Publishing Co.....	Books.....	6 50
A 542	do....	Bankers Pen Co.....	Office equipment.....	2 00
A 543	do....	Chas. M. Samson.....	Urbana-Champaign directory.....	5 00
A 544	do....	M. E. Thompson, Cashier.....	Miscellaneous.....	47 70
A 545	do....	M. E. Thompson, Cashier.....	do.....	28 10
A 546	do....	M. E. Thompson, Cashier.....	do.....	14 44
A 547	do....	H. S. Capron, Treasurer.....	Material furnished from University storeroom.....	209 30
A 548	June 24	M. E. Thompson, Cashier.....	Miscellaneous.....	50 60
A 549	do....	Audrey Lacey.....	Salary.....	45 00
A 550	do....	B. A. Strauch.....	Furniture and fixtures.....	2 40
A 551	do....	Louis Melind Co.....	Office supplies.....	1 34
A 553	do....	Chas. M. Samson.....	Urbana-Champaign directory.....	5 00
A 553	do....	A. N. Marquis & Co.....	Books.....	5 00
A 554	do....	Illinois State Reformatory.....	Printing.....	73 35
A 555	do....	Louden & Flanigan.....	do.....	11 50
A 556	do....	Flanigan-Pearson Co.....	Publications.....	56 75
A 557	June 27	M. E. Thompson, Cashier.....	Miscellaneous.....	87 46

## III. GENERAL DEPARTMENTS VOUCHERS.

No.	Date.	To whom.	For what.	Amount.
	1915			
D	1 July	7 Josephine Bernhart.....	Wages, June, 1915.....	\$ 26 75
D	2 ..do....	Mabel Dallenbach.....	..do.....	32 20
D	3 ..do....	Elizabeth Judd.....	..do.....	33 90
D	4 ..do....	Mildred Judd.....	..do.....	16 30
D	5 ..do....	Martha McCannon.....	..do.....	17 80
D	6 ..do....	Dorothy Rinaker.....	..do.....	20 50
D	7 ..do....	J. A. Romig.....	..do.....	35 68
D	8 ..do....	Mabel Warinner.....	..do.....	38 68
D	9 ..do....	Marion E. Sparks.....	..do.....	60 00
D	10 ..do....	The Young Men's Christian Association.	Balance due on employment de- partment.....	185 22
D	11 July	13 Louise Freer.....	Traveling expense.....	9 04
D	12 July	14 L. E. Knorr, Assistant Comptroller.	Student labor.....	150 64
D	13 ..do....	L. E. Knorr, Assistant Comptroller.	General labor.....	31 70
D	14 July	16 Pay roll.....	July, 1915.....	5,016 25
		Clark, T. A.....	Salary.....	\$416 66
		Warnock, A. R.....	..do.....	150 00
		Fair, Sue M.....	..do.....	80 00
		Fiero, E. E.....	..do.....	50 00
		Kyle, Martha J.....	..do.....	166 66
		Strong, Lillian.....	..do.....	50 00
		Huff, G. A.....	..do.....	416 66
		Fargo, R. N.....	..do.....	166 66
		Moulton, Gertrude E.....	..do.....	133 33
		Webster, F. D.....	..do.....	48 00
		Hollister, H. A.....	..do.....	270 83
		Didcoot, J. J.....	..do.....	133 33
		Bollman, Minnie.....	..do.....	32 50
		Britton, F. E.....	..do.....	40 00
		Craig, Jennie.....	..do.....	80 00
		Drury, F. K. W.....	..do.....	200 00
		Dunlap, Fannie.....	..do.....	65 00
		Felsenthal, Emma.....	..do.....	83 33
		Gibson, Mable.....	..do.....	27 50
		Goulding, P. S.....	..do.....	166 66
		Graves, C. E.....	..do.....	100 00
		Herdman, Margaret.....	..do.....	75 00
		Hutchins, Margaret.....	..do.....	83 33
		Janvrin, C. E.....	..do.....	41 66
		Johnson, Alice.....	..do.....	83 33
		Jutton, Emma.....	..do.....	108 33
		Leatherman, Marion.....	..do.....	75 00
		Patton, Adah.....	..do.....	91 66
		Torrance, Mary.....	..do.....	75 00
		Troy, Mary.....	..do.....	65 00
		Windsor, P. L.....	..do.....	291 66
		Erwin, Elizabeth.....	..do.....	30 00
		Wyeth, Ola M.....	..do.....	80 00
		Price, M. A.....	..do.....	70 00
		Hester, Elizabeth.....	..do.....	60 00
		Signor, Nelle.....	..do.....	32 50
		Stone, C. H.....	..do.....	37 50
		Benson, Susan.....	..do.....	37 50
		Hubbard, Marie.....	..do.....	55 00
		Eppinger, J. G.....	..do.....	55 00
		Breedis, John.....	..do.....	55 00
		Fontaine, E. O.....	..do.....	55 00
		Christy, Glenn.....	..do.....	55 00
		Roberts, Nellie.....	..do.....	70 00
		Abraham, Effie.....	..do.....	65 00
		Smith, D. B.....	..do.....	65 00
		Weston, Jessie B.....	..do.....	65 00
		Bishop, Jessie E.....	..do.....	65 00
		Sankee, Ruth.....	..do.....	65 00
		Ferguson, Kate D.....	..do.....	65 00
		Miller, Eva G.....	..do.....	66 66
D	15 ..do....	Pay roll.....	July, 1915.....	1,398 33
		Post, Frederick.....	Salary.....	\$75 00
		Amos, Winifred.....	..do.....	75 00
		Blackwell, Mary.....	..do.....	60 00
		Bryan, Sarah E.....	..do.....	75 00
		Fraser, Viola.....	..do.....	70 00
		Flattery, Amanda M.....	..do.....	65 00
		Hayes, Margaret L.....	..do.....	50 00
		Houchens, Josie B.....	..do.....	83 33
		Kirwan, Nora.....	..do.....	55 00
		Knapp, Aurella.....	..do.....	75 00
		Love, Mary E.....	..do.....	65 00

## GENERAL DEPARTMENTS VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
D 15	1915 July 16	Luther, Cornelia.....	Salary.....	\$45 00
D 15	July 16	Putnam, Persis.....	do.....	75 00
D 15	July 16	Renz, Myrtle.....	do.....	75 00
D 15	July 16	Ricketts, Clara.....	do.....	65 00
D 15	July 16	Shaw, Hazel Y.....	do.....	75 00
D 15	July 16	Stevens, Sabra.....	do.....	75 00
D 15	July 16	Galpin, Stella.....	do.....	70 00
D 15	July 16	Kern, Floy.....	do.....	40 00
D 15	July 16	Robertson, Nellie.....	do.....	70 00
D 15	July 16	Sharp, Bertha.....	do.....	60 00
D 16	July 19	Flanigan-Pearson Co.....	Printing.....	\$147 50
D 17	do.....	Northwestern Furniture Co.....	Office equipment.....	8 75
D 18	do.....	C. C. Klier.....	do.....	2 67
D 19	do.....	The Globe-Wernicke Co.....	Globe Wernicke.....	9 90
D 20	do.....	C. S. Hill.....	Piano tuning.....	2 00
D 21	do.....	Library Bureau.....	Paper slips.....	41 30
D 22	do.....	Mississippi Valley Historical Association.....	Historical Review.....	50 00
D 23	do.....	Narragansett Machlue Co.....	General supplies.....	320 00
D 24	do.....	Champaign Steam Laundry.....	Laundry.....	6 58
D 25	do.....	University of Illinois Supply Store.....	Tennis balls.....	4 50
D 26	do.....	The Gym Store.....	Rackets re-strung.....	8 00
D 27	do.....	D. H. Lloyd.....	Books.....	1 08
D 28	do.....	The American Multigraph Sales Co.....	Supplies.....	3 15
D 29	do.....	L. C. Smith & Bros.....	Rental.....	15 00
D 30	do.....	A. C. McClurg & Co.....	Office supplies.....	27 84
D 31	July 21	The Tablet & Ticket Co.....	Office supplies.....	1 85
D 32	do.....	L. E. Knorr, Assistant Comptroller.....	Bills paid for labor.....	2 20
D 33	do.....	L. E. Knorr, Assistant Comptroller.....	Express bills.....	71 01
D 34	July 26	C. R. Nickolls.....	Assistance in preparation of annual report.....	78 40
D 35	do.....	W. Lewis & Co.....	Soap.....	4 00
D 36	do.....	Chas. M. Webber.....	Bulletins.....	50 00
D 37	July 28	W. Lewis & Co.....	Cheese cloth.....	5 00
D 38	do.....	Bacon Bros.....	Adelite.....	2 50
D 39	do.....	B. E. Spalding.....	Oil and vaseline.....	8 00
D 40	do.....	F. E. Cavette.....	Wages, July, 1915.....	40 00
D 41	do.....	Ben Harrison.....	do.....	40 75
D 42	do.....	Charles L. Ritts.....	do.....	15 75
D 43	July 30	B. E. Spalding.....	Oil.....	6 00
D 44	do.....	F. M. Ferry.....	Curtains.....	6 25
D 45	do.....	The Alumni Quarterly.....	Quarterly allowance.....	250 00
D 46	do.....	Gaylord Brothers.....	Office equipment.....	159 95
D 46 1/2	July 31	W. B. Castenholz, Comptroller.....	Material furnished from University storeroom.....	38 25
D 47	Aug. 3	C. A. Drake.....	Wages, July, 1915.....	5 40
D 48	do.....	Mabel Smith.....	do.....	5 80
D 49	do.....	Pauline Osborne.....	do.....	7 00
D 50	do.....	E. F. Hanes.....	do.....	17 80
D 51	do.....	Margaret Higgins.....	do.....	1 20
D 52	do.....	R. H. Burger.....	do.....	15 40
D 53	do.....	Milton Nelson.....	do.....	43 00
D 54	do.....	J. K. Prim.....	do.....	27 25
D 55	do.....	W. W. Jennings.....	do.....	52 15
D 56	do.....	R. C. Fayre.....	do.....	3 20
D 57	do.....	Adolph Pauli.....	do.....	19 60
D 58	do.....	Mary V. Bruner.....	do.....	17 40
D 59	do.....	A. H. Mason.....	do.....	10 40
D 60	do.....	W. H. Dressen.....	do.....	29 25
D 61	do.....	Russell Castle.....	do.....	40 25
D 62	do.....	W. R. Morrison.....	do.....	11 47
D 63	do.....	A. H. Burger.....	do.....	19 80
D 64	do.....	S. S. Fitzgerald.....	do.....	18 20
D 65	do.....	Beatrice Prall.....	do.....	65 00
D 66	do.....	Gordon Klein.....	do.....	50 40
D 67	do.....	C. G. Howard.....	do.....	24 80
D 68	do.....	A. H. Lenz.....	do.....	50 50
D 69	do.....	A. Baguson.....	do.....	26 75
D 70	do.....	A. P. Brown.....	do.....	50 00
D 71	do.....	Myrtle E. Honey.....	do.....	11 50
D 72	do.....	Martha H. Dubois.....	do.....	20 40
D 73	do.....	Wilma L. Shelton.....	do.....	65 00
D 74	do.....	Lester C. Raines.....	do.....	18 00
D 75	do.....	Earle U. Rugg.....	do.....	56 50
D 76	Aug. 4	James Clegg.....	Labels.....	1 76
D 77	do.....	Library Bureau.....	Office supplies.....	17 80
D 78	do.....	M. E. Thompson, Cashier.....	Sundry bills.....	61 20
D 79	do.....	M. E. Thompson, Cashier.....	Student labor.....	71 70
D 80	Aug. 9	M. E. Thompson, Cashier.....	General labor.....	106 60

## GENERAL DEPARTMENTS VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1915			
D 81	Aug. 9	The American Multigraph Sales Co.	Pica type	\$ 1 25
D 82	..do....	L. C. Smith & Bros.	Typewriter	70 00
D 83	..do....	Librarian of Congress	Deposit for cards	200 00
D 84	..do....	White Line Laundry	Laundry	118 49
D 84a	Aug. 10	M. E. Thompson, Cashier	Student labor	334 89
D 85	..do....	M. E. Thompson, Cashier	Labor bills	72 40
D 86	..do....	Pay roll	August, 1915	1,398 33
		Post, Frederick	Salary	\$75 00
		Amos, Winifred	..do.	75 00
		Blackwell, Mary	..do.	60 00
		Bryan, Sarah E.	..do.	75 00
		Fraser, Viola	..do.	70 00
		Flattery, Amanda M.	..do.	65 00
		Hayes, Margaret L.	..do.	50 00
		Houchins, Josie B.	..do.	83 33
		Kirwin, Nora	..do.	55 00
		Knapp, Aurella	..do.	75 00
		Love, Mary E.	..do.	65 00
		Luther, Cornelia	..do.	45 00
		Putnam, Persis	..do.	75 00
		Renz, Myrtle	..do.	75 00
		Ricketts, Clara	..do.	65 00
		Shaw, Hazel Y.	..do.	75 00
		Stevens, Sabra	..do.	70 00
		Galpin, Stella	..do.	70 00
		Kern, Floy	..do.	40 00
		Robertson, Nellie	..do.	70 00
		Sharp, Bertha	..do.	60 00
D 87	..do....	Pay roll	August, 1915	4,567 25
		Clark, T. A.	Salary	\$416 74
		Warnock, A. R.	..do.	150 00
		Fair, Sue M.	..do.	80 00
		Fiero, E. E.	..do.	50 00
		Kyle, Martha J.	..do.	168 74
		Strong, Lillian	..do.	50 00
		Huff, G. A.	..do.	416 74
		Fargo, R. N.	..do.	166 74
		Moulton, Gertrude	..do.	133 37
		Webster, F. D.	..do.	48 00
		Hollister, H. A.	..do.	270 87
		Didcock, J. J.	..do.	133 37
		Bolman, Minnie	..do.	32 50
		Britton, F. E.	..do.	40 00
		Craig, Jennie	..do.	80 00
		Drury, F. K. W.	..do.	200 00
		Dunlap, Fannie	..do.	65 00
		Felsenthal, Emma	..do.	83 37
		Gibson, Mable	..do.	27 50
		Goulding, P. S.	..do.	166 74
		Graves, C. E.	..do.	100 00
		Herdman, Margaret	..do.	75 00
		Hutchins, Margaret	..do.	83 37
		Janvrin, C. E.	..do.	41 74
		Johnson, Alice	..do.	83 37
		Jutton, Emma	..do.	108 37
		Leatherman, Marion	..do.	75 00
		Patton, Adah	..do.	91 74
		Torrance, Mary	..do.	75 00
		Troy, Mary Z.	..do.	65 00
		Windsor, P. L.	..do.	291 74
		Erwin, Elizabeth	..do.	30 00
		Wyeth, Ola M.	..do.	80 00
		Price, M. A.	..do.	70 00
		Hester, Elizabeth	..do.	60 00
		Signor, Nelle	..do.	32 50
		Stone, C. H.	..do.	37 50
		Benson, Susan	..do.	37 50
		Breedis, John	..do.	55 00
		Fontaine, E. O.	..do.	55 00
		Christy, Glen	..do.	55 00
		Roberts, Nellie	..do.	70 00
		Miller, Eva G.	..do.	66 74
D 88	Aug. 12	Ralph M. Parks	Orchestra	13 50
D 89	..do....	Constance Barlow Smith	Incidental expenses	1 45
D 90	..do....	W. R. Bradley & Co.	Social function	18 50
D 91	..do....	J. T. Layfield	Cakes	13 00
D 92	..do....	Pushman Brothers	Rugs	68 00
D 93	Aug. 13	W. B. Castenholz, Comptroller	Labor and material for July	150 85

## GENERAL DEPARTMENTS VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1915			
D 94	Aug. 14	M. E. Thompson, Cashier	Student and express bills	\$ 122 82
D 95	Aug. 18	Commanding Officer 1st Disciplinary Battalion	Sand table	2 00
D 95a	..do....	The Van Everen Co	Gummed numbers	4 80
D 96	..do....	Flanigan-Pearson Co	Calendars	27 34
D 97	Aug. 24	C. R. Nickolls	Wages, August, 1915	35 00
D 98	..do....	Antoinette Goetz	..do....	70 00
D 99	..do....	M. E. Thompson, Cashier	General labor	143 42
D 100	Aug. 27	M. E. Thompson, Cashier	Sundry bills	145 63
D 101	..do....	Ruth Glasco	Wages, August, 1915	15 20
D 102	..do....	M. E. Thompson, Cashier	General labor	54 75
D 103	Aug. 28	Champaign Steam Laundry	Laundry	4 36
D 104	..do....	Illinois State Reformatory	Printing	2 25
D 105	Aug. 30	W. B. Castenholz, Comptroller	Material from University store-room	189 39
D 106	Aug. 31	G. P. Brown	Wages August, 1915	50 00
D 107	..do....	Martha H. Dubois	..do....	6 40
D 108	..do....	Myrtle Honey	..do....	3 40
D 109	..do....	A. H. Lenz	..do....	32 50
D 110	..do....	Gordon Klein	..do....	24 65
D 111	..do....	C. Mabel Smith	..do....	21 20
D 112	..do....	Marion Sparks	..do....	60 00
D 113	Sept. 8	Pauline Osborne	..do....	18 40
D 114	..do....	J. A. Elliott	..do....	4 85
D 115	..do....	Milton Nelson	..do....	8 40
D 116	..do....	F. E. Cavette	..do....	40 00
D 117	..do....	M. E. Thompson, Cashier	Bills paid	76 12
D 118	..do....	M. E. Thompson, Cashier	General labor	30 80
D 119	Sept. 10	Young Men's Christian Assn.	Subscription	300 00
D 120	..do....	C. A. Kiler	Carpets	2 45
D 121	..do....	Book Department, Army Service Schools	General supplies	8 40
D 122	..do....	M. E. Thompson, Cashier	Student labor	87 92
D 123	Sept. 15	Jacob Reed's Sons	Military supplies	629 75
D 124	..do....	M. E. Thompson, Cashier	Bills paid	29 15
D 125	..do....	M. E. Thompson, Cashier	..do....	30 35
D 126	..do....	Pay roll	September, 1915	5,532 58
		Clark, T. A.	Salary	\$458 33
		Warnock, A. R.	..do....	166 66
		Fair, Sue M.	..do....	85 00
		Piero, E. E.	..do....	50 00
		Kyle, Martha J.	..do....	145 83
		Huff, G. A.	..do....	416 66
		Fargo, R. N.	..do....	183 33
		Zuppke, R. C.	..do....	83 33
		Manley, E. J.	..do....	120 00
		Glimstedt, O. H.	..do....	60 00
		Gill, Harry E.	..do....	150 00
		Freer, Louise	..do....	116 66
		Brooks, Verna	..do....	120 00
		Hughitt, Anna L.	..do....	120 00
		Gaut, Rosa-Lee	..do....	50 00
		Osmond, Edith G.	..do....	100 00
		Webster, F. D.	..do....	48 00
		Harding, A. A.	..do....	91 66
		Hollister, H. A.	..do....	270 83
		Didecot, J. J.	..do....	133 33
		Windsor, P. L.	..do....	316 66
		Goulding, P. S.	..do....	183 33
		Patton, Adah	..do....	108 33
		Signor, Nelle	..do....	43 33
		Hubbard, Marie	..do....	55 00
		Craig, Jennie A.	..do....	100 00
		Baechteld, Elsie	..do....	65 00
		Seiler, Erna	..do....	27 50
		Herdman, Margaret	..do....	75 00
		Janvrin, C. E.	..do....	50 00
		Leatherman, Marian	..do....	80 00
		Torrance, Mary	..do....	83 33
		Wyeth, Ola M.	..do....	83 33
		Juiton, Emma R.	..do....	116 66
		Price, M. O.	..do....	75 00
		Benson, Susan	..do....	65 00
		Burger, A.	..do....	27 50
		Lenz, A. H.	..do....	18 00
		Drury, F. K. W.	..do....	208 33
		Hester, Elizabeth	..do....	65 00
		Stone, C. H.	..do....	30 00
		Rench, Mary E.	..do....	30 00

## GENERAL DEPARTMENTS VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount
D 126	1915 Sept. 15	Rugg, E. U.	Salary	\$ 40 00
Cld.		Felsenthal, Emma	do	100 00
		Hutchins, Margaret	do	100 00
		Johnson, Alice	do	100 00
		Miller, Eva G.	do	66 66
		Eldredge, A. G.	do	250 00
D 127	Sept. 17	Pay roll	September, 1915	\$1,508 32
		Amos, Winifred	Salary	\$ 80 00
		Blackwell, Mary	do	60 00
		Bryan, Sarah E.	do	83 33
		Flattery, Amanda M.	do	75 00
		Foster, Frederick	do	50 00
		Fraser, Viola G.	do	75 00
		Galpin, Stella	do	75 00
		Kern, Floy	do	45 00
		Kirwin, Nora	do	65 00
		Knapp, Aurella	do	83 33
		Love, Mary E.	do	70 00
		Luther, Cornelia M.	do	45 00
		Hayes, Margaret L.	do	50 00
		Houchens, Josie B.	do	100 00
		Post, Frederick	do	100 00
		Futnam, Persis	do	75 00
		Renz, Myrtle	do	83 33
		Ricketts, Clara A.	do	70 00
		Robertson, Nellie	do	75 00
		Sharp, Bertha L.	do	65 00
		Shaw, Hazel Y.	do	83 33
D 128	Sept. 22	D. H. Lloyd	Rent on typewriter	3 50
D 129	do	Taylor Hardware Co.	Saw and hammer	2 65
D 130	do	The Times Printing Co.	Printing	16 50
D 131	Sept. 24	A. C. McClurg & Co.	Printing	14 00
D 132	do	P. S. Campbell	do	14 75
D 133	Sept. 28	Pay roll	September, 1915	417 88
		Bollman, Minnie	Salary	\$ 75 00
		Roberts, Nellie R.	do	75 00
		Weston, Jessie B.	do	60 58
		Lehman, R. J.	do	42 30
		Castle, Ora B.	do	165 00
D 134	do	Globe-Wernicke Co.	Office equipment	7 78
D 135	do	The Wabash Cabinet Co.	Office supplies	20 20
D 136	do	P. S. Campbell	Printing	18 50
D 137	Sept. 28	W. B. Castenholz, Comptroller	Material furnished from University storeroom	277 31
D 138	do	P. S. Campbell	Printing	26 75
D 139	Sept. 30	Narrangansett Machine Co.	Indian clubs	40 00
D 140	do	W. B. Saunders Co.	Books	3 00
D 141	do	Unitt & Wickes	Repair work	83 86
D 142	do	M. E. Thompson, Cashier	Student labor	51 68
D 143	do	M. E. Thompson, Cashier	Labor bills	1 75
D 144	do	The Hawkes & Harris Music Co.	Books	12 66
D 145	do	G. R. cordi & Co.	do	8 76
D 146	do	Breitkopf & Hartel	do	4 44
D 147	do	G. Schirmer, Inc.	do	1 92
D 148	do	Carl Fisher	do	31 96
D 149	do	Boosey & Co.	do	13 90
D 150	do	The Letter Shop	Multigraphing	5 00
D 151	do	Morgan Rug & Furniture Co.	Carpets	42 80
D 152	do	The Wabash Cabinet Co.	Office supplies	4 90
D 153	do	The University Press	Printing	4 75
D 154	do	Pay roll	September, 1915	60 00
D 155	Oct. 8	Pay roll	do	112 50
		McElroy, Mildred	Salary	\$37 50
		McGraw, Katherine	do	50 00
		Shelton, Wilma L.	do	25 00
D 156	do	The University of Chicago Press	Catalog cards	1 84
D 157	do	O. C. Manthe	Books	1 64
D 158	do	D. H. Lloyd	Piano rent and almanac	31 82
D 159	do	The Gym Store	Water wings	6 00
D 160	Oct. 9	J. J. Didcot	Traveling expenses	8 99
D 161	Oct. 12	M. E. Thompson, Cashier	Student labor	91 13
D 162	Oct. 13	The Gymnasium Store	Laboratory apparatus	107 50
D 163	do	Sears, Roebuck & Co.	General supplies	6 40
D 164	do	The Tablet & Ticket Co.	do	6 75
D 165	do	J. J. Didcot	Traveling expenses	24 61
D 166	do	H. H. Mahorney	Furniture repairs	8 40
D 167	do	Walker & Mulliken	Office supplies	4 00
D 168	do	Gardner S. Rogers	Printing	104 80



## GENERAL DEPARTMENTS VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
D 169	1915 Oct. 15	Pay roll.....	October, 1915.....	\$5,346 08
		Clark, T. A.....	Salary.....	\$458 33
		Warnock, A. R.....	do.....	166 66
		Fair, Sue M.....	do.....	85 00
		Fiero, E. E.....	do.....	50 00
		Kyle, Martha J.....	do.....	145 83
		Martin, Ada N.....	do.....	66 66
		Huff, G. A.....	do.....	416 66
		Fargo, R. N.....	do.....	183 33
		Zuppke, R. C.....	do.....	83 33
		Manley, E. J.....	do.....	120 00
		Gilmstedt, O. H.....	do.....	60 00
		Gill, Harry E.....	do.....	150 00
		Jones, R. R.....	do.....	75 00
		Romeiser, Alvin.....	do.....	50 00
		Evans, W. E.....	do.....	90 00
		Freer, Louise.....	do.....	116 66
		Brooks, Verna.....	do.....	120 00
		Hughitt, Anna.....	do.....	120 00
		Gaut, Rosa Lee.....	do.....	50 00
		Osmond, Edith G.....	do.....	100 00
		Morris, Caroline.....	do.....	80 00
		Hemenway, Margaret.....	do.....	20 00
		Webster, F. D.....	do.....	48 00
		Harding, A. A.....	do.....	91 66
		Hollister, H. A.....	do.....	270 83
		Didecot, J. J.....	do.....	133 33
		Windsor, P. L.....	do.....	316 66
		Gaulding, P. S.....	do.....	183 33
		Patton, Adah.....	do.....	108 33
		Signor, Nelle.....	do.....	43 33
		Hubbard, Marie.....	do.....	55 00
		Baechtold, Elsie.....	do.....	65 00
		Seller, Erna.....	do.....	27 50
		Janvrin, C. E.....	do.....	50 00
		Leatherman, Marian.....	do.....	80 00
		Torrance, Mary.....	do.....	83 33
		Wyeth, Ola.....	do.....	83 33
		Jufton, Emma R.....	do.....	116 66
		Benson, Susan.....	do.....	65 00
		Pontaine, E. O.....	do.....	36 00
		Burger, A.....	do.....	27 50
		Lenz, A. H.....	do.....	27 50
		Klein Gordon.....	do.....	18 00
		Drury, F. K. W.....	do.....	208 33
		Stone, C. H.....	do.....	30 00
		Renick, Mary E.....	do.....	30 00
		Rugg, E. U.....	do.....	40 00
		Felsenthal, Emma.....	do.....	100 00
		Hutchins, Margaret.....	do.....	100 00
		Johnson, Alice.....	do.....	100 00
D 170	..do....	M. E. Thompson, Cashier.....	Student labor.....	63 43
D 171	..do....	M. E. Thompson, Cashier.....	General labor.....	21 22
D 172	Oct. 20	Pay roll.....	September, 1915.....	140 00
		Cordell, Della.....	Salary.....	\$30 00
		Doyle, Katherine.....	do.....	25 00
		French, Bertram.....	do.....	30 00
		Lichtenberger, Cleo.....	do.....	25 00
		Stites, Katherine.....	do.....	30 00
D 173	..do....	The Tablet & Ticket Co.....	White letters.....	2 75
D 174	..do....	J. J. Didecot.....	Traveling expense.....	24 92
D 175	..do....	Foster Brothers.....	Museum supplies.....	4 70
D 176	..do....	Underwood & Underwood.....	Incidentals.....	17 50
D 177	..do....	Detroit Publishing Co.....	Museum material.....	3 79
D 178	..do....	Pay roll.....	October, 1915.....	316 66
		Miller, Eva G.....	Salary.....	\$ 66 66
		Eldredge, A. C.....	do.....	250 00
D 179	Oct. 21	Pay roll.....	October, 1915.....	2,772 98
		Amos, W. nifred.....	Salary.....	\$80 00
		Blackwell, Mary.....	do.....	60 00
		Bollman, Minnie.....	do.....	75 00
		Boyd, Emma.....	do.....	65 00
		Bryan, Sarah B.....	do.....	83 33
		Cordell, Della.....	do.....	65 00
		Doyle, Katherine.....	do.....	65 00
		Flattery, Amanda M.....	do.....	75 00
		Foster, Frederick.....	do.....	50 00
		Fraser, Viola C.....	do.....	75 00

## GENERAL DEPARTMENTS VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
D 179	1915 Oct. 21	French, Bertram.....	Salary.....	\$ 65 00
Cld.		Galpin, Stella.....	do.....	75 00
		Hayes, Margaret L.....	do.....	50 00
		Hester, Elizabeth.....	do.....	65 00
		Houchens, Josie B.....	do.....	100 00
		Kern, Floy.....	do.....	45 00
		Kirwin, Nora.....	do.....	65 00
		Knapp, Aurella.....	do.....	83 33
		Lehman, R. J.....	do.....	50 00
		Lichtenberger, Cleo.....	do.....	65 00
		Love, Mary L.....	do.....	70 00
		Luther, Cornelia H.....	do.....	45 00
		McElroy, Mildred.....	do.....	65 00
		McGraw, Katherine.....	do.....	65 00
		Post, Frederick.....	do.....	100 00
		Powell, Burt E.....	do.....	191 66
		Putnam, Persis.....	do.....	75 00
		Renz, Myrtle.....	do.....	83 33
		Ricketts, Clara A.....	do.....	70 00
		Roberts, Nellie.....	do.....	75 00
		Robertson, Nellie.....	do.....	75 00
		Sharp, Bertha L.....	do.....	65 00
		Shaw, Hazel Y.....	do.....	83 33
		Shelton, Wilma.....	do.....	65 00
		Stites, Katherine.....	do.....	65 00
		Weston, Jessie B.....	do.....	75 00
		Williams, Margaret.....	do.....	48 00
		Craig, Jennie.....	do.....	100 00
D 180	Oct. 22	H. A. Hollister.....	Traveling expenses.....	\$ 18 2
D 181	do....	Pay roll.....	October, 1915.....	112 5
		Stevenson, F. L.....	Salary.....	\$27 50
		Bell, Norma.....	do.....	27 50
		Romero, Newman.....	do.....	27 50
		Runyan, C. E.....	do.....	30 00
D 182	do....	M. E. Thompson, Cashier.....	Bills paid.....	63 90
D 183	Oct. 25	B. E. Powell.....	Editor Press Bulletins, balance salary, September-October.....	33 32
D 184	do....	P. S. Campbell.....	Printing.....	3 00
D 185	Oct. 27	The Dixie Music House.....	Band repairs.....	50 29
D 186	do....	Jos. W. Stern & Co.....	Music.....	11 13
D 187	do....	Sidney D. Kirkpatrick.....	Illo.....	0 00
D 188	do....	Louis Melind Co.....	Incidentals.....	1 80
D 189	do....	Library Bureau.....	Office equipment.....	312 80
D 190	do....	The C. H. Hanson Co.....	Number plates.....	8 00
D 191	do....	J. J. Didcoet.....	Traveling expense.....	18 77
D 192	do....	M. E. Thompson, Cashier.....	Bills paid.....	12 02
D 193	do....	M. E. Thompson, Cashier.....	do.....	28 55
D 194	do....	M. E. Thompson, Cashier.....	do.....	60 25
D 195	do....	Flanigan-Pearson Co.....	Printing.....	4 00
D 196	Oct. 28	L. C. Smith & Bros.....	Rental on machine.....	62 50
D 197	do....	Library Bureau.....	Label holders.....	75 00
D 198	do....	Boosey & Co.....	Books.....	2 18
D 199	do....	C. A. Kiler.....	Carpet.....	3 50
D 200	do....	Twin City Printing Co.....	Printing.....	11 75
D 201	Oct. 29	Pay roll.....	October, 1915.....	168 88
		Venning, F. L.....	Salary.....	\$40 00
		Nickoly, F. F.....	do.....	88 88
		Taylor, S. C.....	do.....	40 00
D 202	do....	W. B. Castenholz, Comptroller.....	Material furnished from Univer- sity storeroom.....	136 49
D 203	Oct. 30	Bernard Mandl.....	Fencing foils.....	35 94
D 204	do....	The Globe-Wernicke Co.....	Office equipment.....	44 57
D 205	do....	The Inner Braced Furniture Co.....	Chairs.....	15 08
D 206	do....	Library Bureau.....	Book trucks.....	82 00
D 207	do....	F. E. Cavette.....	Wages, October, 1915.....	40 00
D 208	do....	B. F. Harrison.....	do.....	25 00
D 209	do....	W. B. Castenholz, Comptroller.....	Material furnished from Univer- sity storeroom.....	62 44
D 210	Nov. 2	Pay roll.....	October, 1915.....	18 00
		Lamkins, L. E.....	Salary.....	\$10 00
		Gift, L. H.....	do.....	4 00
		Lewis, J. T.....	do.....	4 00
D 211	Nov. 5	J. J. Didcoet.....	Traveling expense.....	26 89
D 212	do....	H. A. Hollister.....	do.....	23 32
D 213	do....	M. E. Thompson, Cashier.....	Bills paid.....	30 30
D 214	do....	M. E. Thompson, Cashier.....	do.....	395 43
D 215	Nov. 8	W. B. Castenholz, Comptroller.....	Material furnished from Univer- sity storeroom.....	11 51

## GENERAL DEPARTMENTS VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1915			
D 216	Nov. 8	Marion E. Sparks	Salary, October, 1915	\$ 60 00
D 217	..do..	The Tablet & Ticket Co.	Black letters	1 85
D 218	..do..	E. H. Sargent & Co.	Laboratory supplies	1 11
D 219	..do..	The Alumni Quarterly	Quarterly allowance	250 00
D 220	Nov. 10	H. A. Hollister	Traveling expense	20 59
D 221	..do..	J. J. Didecoet	..do.	28 62
D 222	..do..	The University of Illinois Supply Store	Office supplies	1 44
D 223	..do..	The American Multigraph Sales Co.	General supplies	243 50
D 224	..do..	Champaign Steam Laundry	Laundry	7 41
D 225	..do..	B. E. Spalding	Magnesia	1 00
D 226	..do..	D. H. Lloyd	Rent on typewriter	10 50
D 227	..do..	F. M. Leslie	Films	18 00
D 228	..do..	James H. Finch, M. D.	Services	29 00
D 229	Nov. 12	Louden & Flamingam	Printing	8 25
D 230	..do..	Flanigan-Pearson	..do.	32 45
D 231	..do..	The University Press	..do.	10 35
D 232	..do..	M. E. Thompson, Cashier	Bills paid	28 95
D 233	..do..	M. E. Thompson, Cashier	..do.	136 75
D 234	Nov. 15	Chicago Tribune	Subscription	3 00
D 235	..do..	Richard Wunderlich	Apparatus repairs	9 00
D 236	..do..	Carl Fischer	Books	28 62
D 237	..do..	Pay roll	November, 1915	6,059 90
		Clark, T. A.	Salary	\$458 33
		Warnock, A. R.	..do.	166 66
		Fair, Sue M.	..do.	85 00
		Fiero, E. E.	..do.	50 00
		Kyle, Martha J.	..do.	145 83
		Martin, Ada N.	..do.	66 66
		Huff, G. A.	..do.	416 66
		Fargo, R. N.	..do.	183 33
		Zuppke, R. C.	..do.	83 33
		Manley, E. J.	..do.	120 00
		Gilmstedt, O. H.	..do.	60 00
		Gill, Harry E.	..do.	150 00
		Jones, E. R.	..do.	75 00
		Romeiser, Alvin	..do.	50 00
		Evans, W. E.	..do.	90 00
		Freer, Louise	..do.	116 66
		Brooks, Verna	..do.	120 00
		Hughitt, Anna	..do.	120 00
		Gaut, Rosa Lee	..do.	50 00
		Osmond, Edith G.	..do.	100 00
		Morris, Caroline	..do.	80 00
		Hemenway, Margaret	..do.	20 00
		Webster, F. D.	..do.	48 00
		Harding, A. A.	..do.	91 66
		Lamkins, L. E.	..do.	10 00
		Gift, L. H.	..do.	4 00
		Lewis, J. T.	..do.	4 00
		Hollister, H. A.	..do.	270 83
		Didecoet, J. J.	..do.	133 33
		Windsor, P. L.	..do.	316 66
		Gaulding, P. S.	..do.	183 33
		Patton, Adah	..do.	108 33
		Signor, Nelle	..do.	43 33
		Hubbard, Marie	..do.	55 00
		Baechtold, Elsie	..do.	65 00
		Seiler, Erna	..do.	27 50
		Stevenson, F. L.	..do.	27 50
		Bell, Norma	..do.	27 50
		Romero, Newman	..do.	27 50
		Runyan, C. E.	..do.	30 00
		Herdman, Margaret	..do.	75 00
		Janvrin, C. E.	..do.	50 00
		Leatherman, Marian	..do.	80 00
		Torrance, Mary	..do.	83 33
		Wyeth, Ola	..do.	83 33
		Jutton, Emma R.	..do.	116 66
		Price, M. O.	..do.	75 00
		Benson, Susan	..do.	65 00
		Fontaine, E. O.	..do.	36 00
		Burger, A.	..do.	27 50
		Lenz, A. H.	..do.	27 50
		Klein, Gordon	..do.	18 00
		Drury, F. K. W.	..do.	208 33
		Graves, C. E.	..do.	116 66
		Stone, C. H.	..do.	30 00
		Renich, Mary E.	..do.	30 00

## GENERAL DEPARTMENTS VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
D 237	1915 Nov. 15 Cld.	Rugg, E. U. ....	Salary .....	\$ 40 00
		Felsenthal, Emma .....	do. ....	100 00
		Hutchins, Margaret .....	do. ....	100 00
		Johnson, Alice .....	do. ....	100 00
		Miller, Eva G. ....	do. ....	66 66
		Eldridge, A. G. ....	do. ....	250 00
D 238	Nov. 16	H. A. Hollister .....	Traveling expense .....	\$ 13 07
D 239	..do..	Library Bureau .....	Office equipment .....	1 50
D 240	..do..	J. J. Didcoct. ....	Traveling expense .....	23 63
D 241	..do..	Review Printing & Stationery Co. ....	Printing .....	50 00
D 242	Nov. 19	Book Department, Army Service Schools .....	General supplies .....	3 60
D 243	..do..	The M. C. Lilley & Co. ....	Laboratory apparatus .....	44 50
D 244	..do..	The Gymnasium Store .....	Tennis rackets .....	2 50
D 245	..do..	M. E. Thompson, Cashier .....	Bills paid .....	91 43
D 246	Nov. 22	Theodora E. Wtö .....	Lecture .....	75 00
D 247	..do..	Miss Mary Hall .....	do. ....	75 00
D 248	..do..	Narragansett Machine Co. ....	Laboratory apparatus .....	33 77
D 249	..do..	The American Multigraph Sales Co. ....	Platen .....	3 07
D 250	..do..	The Tablet & Ticket Co. ....	Office equipment .....	6 09
D 251	..do..	John H. Doyle .....	Iron .....	4 72
D 252	Nov. 23	H. S. Capron, Treasurer .....	Material from University store- room .....	16 04
D 253	..do..	Pay roll .....	November, 1915 .....	2,764 65
		Amos, Winifred .....	Salary .....	\$ 80 00
		Blackwell, Mary .....	do. ....	60 00
		Bollman, Minnie .....	do. ....	75 00
		Boyd, Emma .....	do. ....	65 00
		Bryan, Sarah E. ....	do. ....	33 33
		Cordell, Della .....	do. ....	65 00
		Doyle, Katherine .....	do. ....	65 00
		Flattery, Amanda .....	do. ....	75 00
		Foster, Frederick .....	do. ....	50 00
		French, Bertram .....	do. ....	65 00
		Galpin, Stella .....	do. ....	75 00
		Hayes, Margaret .....	do. ....	50 00
		Hester, Elizabeth .....	do. ....	65 00
		Houchens, Josie B. ....	do. ....	100 00
		Kern, Floy .....	do. ....	45 00
		Huber, Marie .....	do. ....	50 00
		Kirwin, Nora .....	do. ....	65 00
		Knapp, Aurella .....	do. ....	33 33
		Lehman, R. J. ....	do. ....	50 00
		Lichtenberger, Cleo .....	do. ....	65 00
		Love, Mary E. ....	do. ....	70 00
		Luther, Cornelia M. ....	do. ....	45 00
		Craig, Jennie .....	do. ....	100 00
		McElroy, Mildred .....	do. ....	65 00
		McGraw, Katherine .....	do. ....	65 00
		Post, Frederick .....	do. ....	100 00
		Powell, Burt E. ....	do. ....	208 33
		Putnam, Persis .....	do. ....	75 00
		Renz, Myrtle .....	do. ....	33 33
		Ricketts, Clara A. ....	do. ....	70 00
		Roberts, Nellie R. ....	do. ....	75 00
		Robertson, Nellie .....	do. ....	75 00
		Sharp, Bertha L. ....	do. ....	65 00
		Shaw, Hazel Y. ....	do. ....	33 33
		Skelton, Wilma .....	do. ....	65 00
		Stites, Katherine .....	do. ....	65 00
		Weston, Jessie B. ....	do. ....	75 00
		Williams, Margaret .....	do. ....	48 00
D 254	Nov. 24	A. R. Warnock .....	Traveling expense .....	25
D 255	..do..	J. J. Didcoct. ....	do. ....	10 84
D 256	..do..	James H. Smith .....	do. ....	10 08
D 257	..do..	U. S. Parker .....	do. ....	9 90
D 258	..do..	O. E. Robinson .....	do. ....	4 80
D 259	..do..	W. E. Andrews .....	do. ....	3 18
D 260	..do..	J. P. Gilbert .....	do. ....	7 70
D 261	..do..	H. A. Finney .....	do. ....	5 56
D 262	..do..	J. O. Lofberg .....	do. ....	5 14
D 263	..do..	Frank D. Harris .....	do. ....	75 00
D 264	..do..	Ralph M. Parks .....	Services .....	10 50
D 265	..do..	Bertha Case .....	Traveling expense .....	3 56
D 266	..do..	Anne Greene .....	do. ....	7 35
D 267	..do..	Alice Treganza .....	do. ....	1 92
D 268	..do..	Helen Murphy .....	do. ....	1 70
D 269	..do..	J. G. Coulter .....	do. ....	2 42
D 270	Nov. 26	M. E. Thompson, Cashier .....	Bills paid .....	39 95

## GENERAL DEPARTMENTS VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
<b>1915</b>				
D 271	Nov. 26	M. E. Thompson, Cashier	Bills paid	\$ 14 75
D 272	do.	M. E. Thompson, Cashier	do	214 35
D 273	Nov. 27	The Beardsley Hotel	Traveling expense	10 75
D 274	do.	Isabel McKinney	do	2 20
D 275	do.	H. C. Zeis	do	11 10
D 276	do.	H. O. Rugg	do	11 23
D 277	do.	A. Q. Larson	do	5 04
D 278	do.	W. L. Goble	do	7 23
D 279	Nov. 30	Remington Typewriter Co	Repair work	4 70
D 280	do.	Chas. C. Dickman	Traveling expense	3 78
D 281	do.	Farbwerks-Hoschst Co	Lantern slides	1 25
D 282	do.	Bernard Mandl	Laboratory apparatus	51 00
D 283	do.	Narragansett Machine Co.	Lockers	831 20
D 284	do.	J. J. Didecot	Traveling expense	10 84
D 285	Dec. 3	Marion E. Sparks	Wages, November, 1915.	60 00
D 286	Dec. 7	T. R. Isaacs	Traveling expense	1 70
D 287	do.	L. S. Jones	do	5 04
D 288	do.	Arthur F. Payne	do	3 64
D 289	do.	Sophonra M. Kent	do	4 80
D 290	do.	Guy M. Pelton	do	5 04
D 291	do.	I. M. Allen	do	3 00
D 292	do.	Mary L. English	do	2 28
D 293	do.	A. M. Wilson	do	7 88
D 294	do.	W. F. Book	do	12 07
D 295	do.	L. Day Ferry	do	7 92
D 296	do.	John L. Rich	do	7 17
D 297	do.	Willis E. Tower	do	5 04
D 298	do.	C. M. Wirick	do	5 04
D 299	do.	H. A. Hollister	do	22 81
D 300	do.	J. J. Didecot	do	19 88
D 301	do.	H. S. Capron, Treasurer	Material furnished from University storeroom	151 37
D 302	Dec. 8	M. E. Thompson, Cashier	Bills paid	31 45
D 303	Dec. 10	Pay roll	December, 1915.	5,993 24
		Clark, T. A.	Salary	\$458 33
		Warnock, A. R.	do	166 66
		Fair, Sue M.	do	85 00
		Fiero, E. E.	do	50 00
		Kyle, Martha J.	do	145 83
		Martin, Ada M.	do	66 66
		Huff, G. A.	do	416 66
		Fargo, R. N.	do	183 33
		Zuppkc, E. C.	do	83 33
		Manley, E. J.	do	120 00
		Glimstedt, O. H.	do	60 00
		Gill, Harry E.	do	150 00
		Jones, R. R.	do	75 00
		Romeiser, Alvin	do	50 00
		Evans, W. E.	do	90 00
		Freer, Louise	do	116 66
		Brooks, Verna	do	120 00
		Hughitt, Anna	do	120 00
		Gaut, Rosa Lee	do	50 00
		Osmond, Edith G.	do	100 00
		Morris, Caroline	do	80 00
		Hemenway, Margaret	do	20 00
		Webster, F. D.	do	48 00
		Harding, A. A.	do	91 66
		Lamkins, L. E.	do	10 00
		Gift, L. H.	do	4 00
		Lewis, J. T.	do	4 00
		Hollister, H. A.	do	270 83
		Didecot, J. J.	do	133 33
		Windsor, P. L.	do	316 66
		Gaulding, P. S.	do	183 33
		Patton, Adah	do	108 33
		Signor, Nelle	do	43 33
		Hubbard, Marie	do	55 00
		Baechtold, Elsie	do	65 00
		Seiler, Erna	do	27 50
		Stevenson, F. L.	do	27 50
		Bell, Norma	do	27 50
		Romero, Newman	do	27 50
		Runyan, C. E.	do	30 00
		Herdman, Margaret	do	75 00
		Janvrin, C. E.	do	50 00
		Leatherman, Marian	do	80 00
		Torrance, Mary	do	83 33

## GENERAL DEPARTMENTS VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
D 303	1915 Dec. 10	Wyeth, Ola	Salary	\$ 83 33
Cld.		Jutton, Emma R.	do	116 66
		Price, M. O.	do	75 00
		Benson, Susan	do	65 00
		Fontaine, E. O.	do	36 00
		Burger, A.	do	27 50
		Lenz, A. H.	do	27 50
		Klein, Gordon	do	18 00
		Drury, F. K. W.	do	208 33
		Graves, C. E.	do	116 66
		Stone, C. H.	do	30 00
		Renrich, Mary E.	do	30 00
		Rugg, E. U.	do	40 00
		Felsenthal, Emma	do	100 00
		Hutchins, Margaret	do	100 00
		Johnson, Alice	do	100 00
		Eldredge, A. G.	do	250 00
D 340	do	Carbondale Calcium Co.	Chloride	\$ 4 40
D 305	do	The Gym Store	Laboratory apparatus	8 17
D 306	do	Peck & Hills Furniture Co.	Chairs	11 50
D 307	do	Farbwerke-Hoechst Co.	Photography supplies	7 80
D 308	do	Librarian of Congress	Office supplies	100 00
D 309	do	C. S. Hill	Express	4 50
D 310	do	Champaign Steam Laundry	Laundry	5 58
D 311	do	Chester B. McCormick	Subscription	25 00
D 312	Dec. 13	Pay roll	December, 1915.	2,559 65
		Amos, Winifred	Salary	\$ 80 00
		Blackwell, Mary	do	60 00
		Bollman, Minnie	do	75 00
		Boyd, Emma	do	65 00
		Bryan, Sarah E.	do	83 33
		Cordell, Della	do	65 00
		Doyle, Katherine	do	65 00
		Flattery, Amanda	do	75 00
		Foster, Frederick	do	50 00
		Galpin, Stella	do	75 00
		Hayes, Margaret	do	50 00
		Hester, Elizabeth	do	65 00
		Houchins, Joste B.	do	100 00
		Kern, Floy	do	45 00
		Huber, Marie	do	50 00
		Kirwin, Nora	do	65 00
		Knapp, Aurella	do	83 33
		Lehman, R. J.	do	50 00
		Lichtenberger, Cleo	do	65 00
		Love, Mary E.	do	70 00
		Luther, Cornelia M.	do	45 00
		McElroy, Mildred	do	65 00
		Craig, Jennie	do	100 00
		McGraw, Katherine	do	65 00
		Post, Frederick	do	100 00
		Powell, Burt E.	do	208 33
		Renz, Myrtle	do	83 33
		Ricketts, Clara A.	do	70 00
		Roberts, Nellie	do	75 00
		Robertson, Nellie	do	75 00
		Sharp, Bertha L.	do	65 00
		Shaw, Hazel Y.	do	83 33
		Skelton, Wilma	do	65 00
		Weston, Wilma	do	75 00
		Williams, Jessie B.	do	48 00
D 313	Dec. 14	Williams, Margaret	Scientist assistant, chemistry	70 00
D 314	do	Marion E. Sparks	General supplies	15 25
D 315	do	Jacob Reed's Sons	Basket balls	43 55
D 316	do	The Gym Store	Traveling expense	6 52
D 317	do	Elizabeth C. Arthur	do	6 78
D 318	do	J. Stanley Brown	do	22 08
D 319	do	J. J. Didcoot	do	5 00
D 320	Dec. 15	Barnhart Brothers	Wringer	5 71
D 321	do	M. E. Thompson, Cashier	Bills paid	5 85
D 322	do	M. E. Thompson, Cashier	do	71 85
D 323	Dec. 16	H. S. Capron, Treasurer	Material furnished from University storeroom	266 62
D 324	Dec. 20	H. A. Hollister	Traveling expenses	52 42
D 325	do	James F. Millis	do	5 04
D 326	do	H. G. Schmidt	do	7 15
D 327	do	Isabella T. Machan	do	1 80
D 328	do	Lillian G. Berry	do	17 15
D 328	do	J. J. Didcoot	do	22 55

## GENERAL DEPARTMENTS VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1915			
D 329	Dec. 20	Book Department, Army Service Schools	General supplies	\$ 1 00
D 330	..do..	U. S. Cavalry Assn.	Books	2 00
D 331	..do..	The Wabash Cabinet Co.	Office supplies	1 07
D 332	..do..	D. H. Lloyd	Filing sections	25 64
D 333	Dec. 21	M. E. Thompson, Cashier	Bills paid	79 97
D 334	..do..	M. E. Thompson, Cashier	..do.	136 03
D 335	Dec. 22	M. E. Thompson, Cashier	..do.	375 46
D 336	..do..	H. R. Pollock	Traveling expenses	2 46
D 337	..do..	T. L. Hankinson	..do.	2 20
D 338	..do..	B. C. Richardson	..do.	6 00
D 339	..do..	Nell Perry	..do.	4 00
D 340	..do..	Oldham Brothers	General supplies	3 75
D 341	..do..	Review Printing & Stationery Co.	Printing	204 09
D 342	..do..	Louden & Flanigan	..do.	4 25
D 343	Dec. 31	F. E. Cavette	Salary, December, 1915	40 00
D 344	..do..	T. H. Armstrong	..do.	9 40
D 345	..do..	C. G. Howard	..do.	27 50
D 346	..do..	L. C. Raines	..do.	13 25
D 347	..do..	A. P. Brown	..do.	25 00
D 348	..do..	Esther Epponger	..do.	37 50
D 349	..do..	J. H. Gage	..do.	9 30
D 350	..do..	Pay roll	December, 1915	96 15
		Deveneau, George Adams	Salary	96 15
D 351	..do..	Knowlton & Bennett	General supplies	2 45
D 352	..do..	Robert P. Sibley	Traveling expenses	12 18
D 353	..do..	J. J. Didecot	..do.	14 94
D 354	..do..	A. C. McClurg & Co.	Books	2 25
D 355	..do..	Library of Congress	Deposit for catalogs	100 00
D 356	..do..	Underwood & Underwood	Plain slides	6 80
D 357	..do..	H. S. Capron, Treasurer	Material furnished from University storeroom	249 39
	1916			
D 358	Jan. 5	M. E. Thompson, Cashier	Bills paid	16 20
D 359	..do..	M. E. Thompson, Cashier	..do.	165 12
D 360	..do..	M. E. Thompson, Cashier	..do.	17 92
D 361	Jan. 7	W. J. Monllaw	Traveling expenses	9 00
D 362	..do..	Champaign Steam Laundry	Laundry	3 96
D 363	..do..	J. J. Didecot	Traveling expenses	6 90
D 364	Jan. 8	Illinois State Reformatory	Printing	10 95
D 365	..do..	J. W. Butler Paper Co.	Office supplies	1 81
D 366	..do..	W. Lewis & Co.	Cheese cloth	5 00
D 367	..do..	Democrat Printing Co.	General supplies	114 00
D 368	..do..	E. R. Welshly & Co.	Catalog cases	375 00
D 369	Jan. 11	J. J. Didecot	Traveling expenses	26 11
D 370	..do..	H. A. Hollister	..do.	10 80
D 371	..do..	E. H. Taylor	..do.	4 40
D 372	..do..	Illinois State Reformatory	Office supplies	37 10
D 373	..do..	Nelle U. Branch	Wages November, December, 1915	31 92
D 374	..do..	Flanigan-Pearson Co.	Printing	2 10
D 375	..do..	P. S. Campbell	..do.	5 25
D 376	..do..	M. E. Thompson, Cashier	Freight and express	2 43
D 377	..do..	M. E. Thompson, Cashier	Labor bills	312 26
D 378	..do..	M. E. Thompson, Cashier	..do.	39 11
D 379	Jan. 12	The Wabash Cabinet Co.	Office supplies	20 20
D 380	..do..	Harvard College Library	General supplies	10 85
D 381	..do..	Illinois State Reformatory	Printing	13 45
D 382	Jan. 13	Pay roll	January, 1916	6,128 24
		Clark, T. A.	Salary	\$458 33
		Warnock, A. E.	..do.	166 66
		Fair, Sue M.	..do.	85 00
		Fiero, E. E.	..do.	50 00
		Kyle, Martha J.	..do.	145 83
		Martin, Ada N.	..do.	66 66
		Huff, G. A.	..do.	416 66
		Fargo, R. N.	..do.	183 33
		Zuppke, R. C.	..do.	83 33
		Manley, E. J.	..do.	120 00
		Glimstedt, O. H.	..do.	60 00
		Gill, Harry E.	..do.	150 00
		Jones, R. R.	..do.	75 00
		Romeiser, Alvin	..do.	50 00
		Evans, W. E.	..do.	90 00
		Freer, Louise	..do.	116 66
		Brooks, Verna	..do.	120 00
		Hughitt, Anna	..do.	120 00
		Gaut, Rosa Lee	..do.	50 00
		Osmond, Edith G.	..do.	100 00
		Morris, Caroline	..do.	80 00

## GENERAL DEPARTMENTS VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
D 382 Cld.	1916 Jan. 13	Hemenway, Margaret	Salary	\$ 20 00
		Webster, F. D.	do	48 00
		Harding, A. A.	do	91 66
		Lamkins, L. E.	do	10 00
		Gift, L. H.	do	4 00
		Lewis, J. T.	do	4 00
		Hollister, H. A.	do	270 83
		Didcoet, J. J.	do	133 33
		Windsor, P. L.	do	316 66
		Gaulding, P. S.	do	183 33
		Patton, Adah	do	108 33
		Signor, Nello	do	43 33
		Hubbard, Marie	do	55 00
		Baechtold, Elsie	do	65 00
		Seller, Erna	do	27 50
		Stevenson, F. L.	do	27 50
		Bell, Norma	do	27 50
		Romero, Newman	do	27 50
		Runyan, C. E.	do	30 00
		She'lt'on, Wilma	do	65 00
		Herdman, Margaret	do	75 00
		Janvrin, C. E.	do	50 00
		Leatherman, Marian	do	80 00
		Torrance, Mary	do	83 33
		Wyeth, Ola	do	83 33
		Sparks, Marian	do	70 00
		Jutton, Emma	do	116 66
		Price, M. O.	do	75 00
		Benson, Susan	do	65 00
		Fontaine, E. O.	do	36 00
		Burger, A.	do	27 50
		Lenz, A. H.	do	27 50
		Klein, Gordon	do	18 00
		Drury, F. K. W.	do	208 33
		Graves, C. E.	do	116 66
		Stone, C. H.	do	30 00
		Renich, Mary E.	do	30 00
		Rugg, E. U.	do	40 00
		Felsenthal, Emma	do	100 00
		Hutchins, Margaret	do	100 00
		Johnson, Alice	do	100 00
		Eldridge, A. G.	do	250 00
D 383	..do...	Illinois State Reformatory	Printing	\$ 2 45
D 384	Jad. 14	The Gym Store	Laboratory supplies	2 00
D 385	Jan. 18	M. E. Thompson, Cashier	Bills paid	2 34
D 386	..do...	M. E. Thompson, Cashier	Labor bills	85 90
D 387	..do...	M. E. Thompson, Cashier	do	41 82
D 388	Jan. 19	H. A. Hollister	Traveling expenses	16 28
D 389	..do...	J. J. Didcoet	do	27 90
D 390	..do...	T. J. McCormack	do	18 65
D 391	..do...	Library of Congress	General supplies	100 00
D 392	..do...	L. C. Smith & Bros.	Rent	22 50
D 393	..do...	Illinois State Reformatory	Printing	30 80
D 394	..do...	Louden & Flaningam	do	29 00
D 395	Jan. 20	Pay roll	January, 1916	2,487 98
		Amos, Winifred	Salary	\$ 80 00
		Blackwell, Mary	do	60 00
		Bollman, Minnie	do	75 00
		Bryan, Sarah E.	do	83 33
		Cordell, Della	do	65 00
		Craig, Jennie	do	100 00
		Doyle, Katherine	do	65 00
		Flattery, Amanda	do	75 00
		Poster, Frederick	do	50 00
		Galpin, Stella	do	75 00
		Hester, Elizabeth	do	65 00
		Houchnes, Josie B.	do	100 00
		Kern, Floy	do	45 00
		Huber, Marie	do	50 00
		Kirwin, Nora	do	65 00
		Knapp, Aurella	do	83 33
		Lichtenberger, Cleo	do	65 00
		Love, Mary E.	do	70 00
		Luther, Cornelia	do	45 00
		McElroy, Mildred	do	65 00
		McGraw, Katherine	do	65 00
		Post, Frederick	do	100 00



## GENERAL DEPARTMENTS VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
D 395	1916 Jan. 20	Powell, Burt E.	Salary	\$208 33
Cld.		Putnam, Persis.	do	75 00
		Renz, Myrtle.	do	83 33
		Ricketts, Clara A.	do	70 00
		Roberts, Nellie.	do	75 00
		Robertson, Nellie.	do	75 00
		Sharp, Bertha L.	do	65 00
		Shaw, Hazel Y.	do	83 33
		Weston, Jessie B.	do	75 00
		Williams, Margaret.	do	48 00
		Devenean, G. A.	do	83 33
D 396	Jan. 22	The Chas. H. Elliott Co.	Printing	\$ 27 00
D 397	do.	Flat Iron Store Co.	General supplies	28 12
D 398	do.	Buchan Sales Co.	do	29 40
D 399	Jan. 25	M. E. Thompson, Cashier	Sundry bills	12 40
D 400	do.	J. J. Didcoot.	Traveling expenses.	24 89
D 401	do.	The Big Four Ry. Co.	Freight.	1 75
D 402	do.	M. E. Thompson, Cashier	Labor bills.	91 43
D 403	do.	M. E. Thompson, Cashier	do	34 15
D 404	do.	Twin City Printing Co.	Printing	2 00
D 405	do.	The University Press.	do	10 00
D 406	Jan. 27	Library Bureau	Laboratory apparatus.	6 50
D 407	do.	H. A. Hollister.	Traveling expenses.	23 60
D 408	Jan. 31	H. S. Capron, Treasurer	Material furnished from University storeroom	26 19
D 409	do.	H. S. Capron, Treasurer	do	171 06
D 410	do.	H. A. Hollister.	Traveling expenses.	27 09
D 411	do.	John Grerar Library	Books.	4 40
D 412	do.	Librarian of Congress.	Deposit.	100 00
D 413	do.	J. J. Didcoot.	Traveling expenses.	20 51
D 414	Feb. 1	F. E. Cavette.	Wages, January, 1916.	40 00
D 415	Feb. 2	Frances Klank.	Salary, January, 1916.	11 20
D 416	do.	E. Anastasiados.	do	11 00
D 417	do.	George Alleb.	do	10 20
D 418	do.	J. B. Angus.	do	4 05
D 419	do.	R. H. Brooks.	do	14 85
D 420	do.	C. C. Foulk.	do	24 59
D 421	do.	C. K. Gabriel.	do	3 15
D 422	do.	J. K. Trimm.	do	23 00
D 423	do.	W. C. Troutman.	do	8 00
D 424	do.	Edna Hodrick.	do	5 80
D 425	do.	Irma Houser.	do	7 00
D 426	do.	M. Velma Jamison.	do	12 40
D 427	do.	Henry W. Kamp.	do	11 00
D 428	do.	Adolph Pauli.	do	6 00
D 429	do.	A. P. Brown.	do	20 00
D 430	do.	Esther Eppinger.	do	30 00
D 431	do.	E. R. Schulz.	do	11 90
D 432	do.	J. H. Gage.	do	9 70
D 433	do.	Josephine Lindholm.	do	6 40
D 434	do.	M. G. Barkman.	do	5 60
D 435	do.	C. G. Howard.	do	20 20
D 436	do.	L. C. Raines.	do	13 60
D 437	do.	L. F. Draper.	do	19 50
D 438	do.	J. C. Larson.	do	36 60
D 439	do.	H. P. Greison.	Wages, January, 1916.	19 40
D 440	do.	L. J. Ludwig.	do	12 60
D 441	do.	L. G. McAfee.	do	10 40
D 442	do.	R. D. Castle.	do	37 63
D 443	do.	L. D. Bunting.	do	32 50
D 444	do.	Miriam Fasold.	do	4 50
D 445	do.	C. Arthur Drake.	do	13 40
D 446	do.	Grace Geyer.	do	8 40
D 447	do.	L. H. Henrich.	do	7 00
D 448	do.	C. Mabel Smith.	do	7 90
D 449	do.	C. A. Drake.	do	11 80
D 450	do.	R. W. Schechter.	do	17 50
D 451	do.	Mary Belle Sheridan.	do	4 30
D 452	do.	Ella Tillotson.	do	13 40
D 453	do.	E. P. Hohman.	do	7 20
D 454	do.	D. F. Fleming.	do	14 60
D 455	do.	L. F. Moore.	do	11 60
D 456	do.	Agnes Wright.	do	5 20
D 457	do.	O. Beatty.	do	20 00
D 458	do.	Raymond Britt.	do	18 20
D 459	do.	Glenn F. Griffin.	do	23 51
D 460	do.	C. H. Lawrence.	do	16 10
D 461	do.	W. B. Newlin.	do	16 00

## GENERAL DEPARTMENTS VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1916			
D 462	Feb. 2	H. Reichelderfer .....	Wages, January, 1916.....	\$ 13 80
D 463	do....	R. Sperry .....	do.....	5 00
D 464	Feb. 3	Ben Harrison .....	Services.....	23 65
D 465	do....	R. L. Whitescorner .....	Stenographer, January 13-31.....	30 77
D 466	Feb. 5	M. E. Thompson, Cashier.....	Express bills.....	1 47
D 467	do....	M. E. Thompson, Cashier.....	Labor bills.....	108 85
D 468	Feb. 7	John Breedis .....	Wages, January, 1916.....	16 40
D 469	do....	J. F. Smith .....	do.....	17 40
D 470	do....	M. E. Thompson, Cashier.....	Labor bills.....	321 00
D 471	do....	The Chcster Transfer Co.....	Traveling expenses.....	3 75
D 472	do....	Oldham Brothers .....	General supplies.....	3 25
D 473	do....	J. M. Hanson-Bennett Magazine Agency.....	do.....	4 90
D 474	do....	L. C. Smith & Bros.....	Rent.....	7 50
D 475	do....	Louis Melland Co.....	General supplies.....	1 47
D 476	do....	H. A. Hollister .....	Traveling expenses.....	10 21
D 477	do....	The Hawkes & Harris Music Co.....	Music.....	4 81
D 478	Feb. 9	The University Press.....	Printing.....	3 00
D 479	do....	F. W. Post .....	Subscription.....	3 00
D 480	Feb. 11	Carl Fischer.....	Music.....	76 21
D 481	do....	Carl Fischer.....	do.....	64 66
D 482	do....	A. A. Harding .....	Traveling expenses.....	13 11
D 483	do....	Lyon & Healy.....	Books.....	3 50
D 484	do....	Breitkopf & Hartel .....	Music.....	1 20
D 485	do....	Democrat Printing Co.....	Binding.....	27 78
D 486	do....	American Multigraph Sales Co.....	General supplies.....	1 60
D 487	do....	Champaign Steam Laundry.....	Laundry.....	6 41
D 488	do....	G. Schirmer .....	Music.....	6 27
D 489	do....	Library Bureau.....	Oak cabinet.....	12 00
D 490	do....	W. A. Johnson.....	Laboratory apparatus.....	30 00
D 491	do....	B. E. Spalding .....	Magnesia.....	2 00
D 492	do....	Louden & Flaningam.....	Printing.....	1 25
D 493	do....	The University Press.....	do.....	5 25
D 494	Feb. 14	Frank Holton & Co.....	Saxophone repairs.....	7 05
D 495	do....	The Dixie Music House.....	Musical instruments.....	155 00
D 496	do....	G. Schirmer .....	Books.....	5 62
D 497	do....	Hawkes & Harris Music Co.....	do.....	30 29
D 498	do....	W. R. Fischer.....	Wages.....	12 00
D 499	do....	M. E. Thompson, Cashier.....	Labor bills.....	32 85
D 500	do....	M. E. Thompson, Cashier.....	do.....	133 46
D 501	Feb. 15	D. H. Lloyd.....	Rent.....	20 00
D 502	do....	The Horace Partridge Co.....	Laboratory apparatus.....	2 02
D 503	do....	Louden & Flaningam.....	Printing.....	5 75
D 504	Feb. 16	M. E. Thompson, Cashier.....	Labor bills.....	48 80
D 505	do....	M. E. Thompson, Cashier.....	do.....	6 30
D 506	do....	Pay roll.....	February, 1916.....	2,642 98
		Amos, Winifred.....	Salary.....	\$ 80 00
		Blackwell, Mary.....	do.....	60 00
		Bollman, Minnie.....	do.....	75 00
		Bryan, Sarah Elizabeth.....	do.....	83 33
		Cordell, Della.....	do.....	65 00
		Craig, Jennie.....	do.....	100 00
		Devereau, G. A.....	do.....	83 33
		Doyle, Katherine.....	do.....	65 00
		Flattery, Amanda.....	do.....	75 00
		Foster, Frederick.....	do.....	50 00
		Calpin, Stella.....	do.....	75 00
		Hester, Elizabeth.....	do.....	65 00
		Houchens, Josie B.....	do.....	100 00
		Kern, Floy.....	do.....	45 00
		Huber, Marie.....	do.....	50 00
		Kirwin, Nora.....	do.....	65 00
		Knapp, Aurella.....	do.....	83 33
		Lichtenberger, Cleo.....	do.....	65 00
		Love, Mary E.....	do.....	70 00
		Luther, Cornelia M.....	do.....	45 00
		McElroy, Mildred.....	do.....	65 00
		McGraw, Katherine.....	do.....	65 00
		Norton, Lucile.....	do.....	40 00
		Post, Frederick.....	do.....	100 00
		Powell, Burt E.....	do.....	208 33
		Putnam, Persis.....	do.....	75 00
		Renz, Myrtle.....	do.....	83 33
		Ricketts, Clara A.....	do.....	70 00
		Roberts, Nellie.....	do.....	75 00
		Robertson, Nellie.....	do.....	75 00
		Sharp, Bertha L.....	do.....	65 00
		Shaw, Hazel Y.....	do.....	83 33
		Thompson, Alice.....	do.....	65 00

## GENERAL DEPARTMENTS VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1916			
D 506	Feb. 16	Weston, Jessie B. ....	Salary .....	\$75 00
Cld.		Whitescorner, R. L. ....	do .....	50 00
		Williams, Margaret. ....	do .....	48 00
D 507	Feb. 17	Pay roll. ....	February, 1916. ....	\$6,112 74
		Clark, T. A. ....	Salary .....	\$458 33
		Warnock, A. R. ....	do .....	166 66
		Fair, Sue M. ....	do .....	85 00
		Fiero, E. E. ....	do .....	50 00
		Kyle, Martha J. ....	do .....	145 83
		Martin, Ada N. ....	do .....	66 66
		Huff, F. A. ....	do .....	416 66
		Fargo, R. N. ....	do .....	183 33
		Zuppke, E. C. ....	do .....	83 33
		Manley, E. J. ....	do .....	120 00
		Glimstedt, O. H. ....	do .....	60 00
		Gill, Harry E. ....	do .....	150 00
		Jones, R. R. ....	do .....	75 00
		Romeiser, Alvin. ....	do .....	50 00
		Evans, W. E. ....	do .....	90 00
		Freer, Louise. ....	do .....	116 66
		Brooks, Verna. ....	do .....	120 00
		Hughitt, Anna. ....	do .....	120 00
		Gaut, Ross Lee. ....	do .....	50 00
		Osmond, Edith G. ....	do .....	100 00
		Morris, Caroline. ....	do .....	80 00
		Hemenway, Margaret. ....	do .....	20 00
		Harding, A. A. ....	do .....	91 66
		Lamkins, L. E. ....	do .....	10 00
		Giff, L. H. ....	do .....	4 00
		Lewis, J. T. ....	do .....	4 00
		Hollister, H. A. ....	do .....	270 83
		Dicoct, J. J. ....	do .....	133 33
		Windsor, P. L. ....	do .....	316 66
		Gaulding, P. S. ....	do .....	183 33
		Patton, Adah. ....	do .....	108 33
		Signor, Nelle. ....	do .....	43 33
		Hubbard, Marie. ....	do .....	55 00
		Baechtold, Elsie. ....	do .....	65 00
		Seiler, Erna. ....	do .....	27 50
		Stevenson, F. L. ....	do .....	27 50
		Bell, Norma. ....	do .....	27 50
		Romero, Newman. ....	do .....	27 50
		Runyan, C. E. ....	do .....	30 00
		Shelton, Wilma. ....	do .....	65 00
		Herdman, Margaret. ....	do .....	75 00
		Janvrin, C. E. ....	do .....	50 00
		Leatherman, Margaret. ....	do .....	80 00
		Torrance, Mary. ....	do .....	83 33
		Wyeth, Ola. ....	do .....	83 33
		Sparks, Marion. ....	do .....	70 00
		Jutton, Emma R. ....	do .....	116 66
		Price, M. O. ....	do .....	75 00
		Benson, Susan. ....	do .....	65 00
		Fontaine, E. O. ....	do .....	36 00
		Burger, A. ....	do .....	27 50
		Lenz, A. H. ....	do .....	27 50
		Klein, Gordon. ....	do .....	18 00
		Drury, F. K. W. ....	do .....	208 33
		Graves, C. E. ....	do .....	116 66
		Stone, C. H. ....	do .....	30 00
		Renich, Mary E. ....	do .....	30 00
		Rugg, J. G. ....	do .....	40 00
		Felsenthal, Emma. ....	do .....	100 00
		Hutchins, Margaret. ....	do .....	100 00
		Johnson, Alice. ....	do .....	100 00
		Eldredge, A. G. ....	do .....	250 00
		Branch, Nellie U. ....	do .....	32 50
D 508	..do...	H. A. Hollister. ....	Traveling expenses. ....	33 78
D 509	..do...	The Dixie Music House. ....	General supplies. ....	22 15
D 510	..do...	G. Schirmer. ....	Books. ....	4 19
D 511	..do...	Pay roll. ....	February, 1916. ....	220 00
		Shelby, Edwin. ....	Salary .....	\$20 00
		Van Natter, F. M. ....	do .....	20 00
		Lamkins, L. E. ....	do .....	20 00
		Thomas, R. R. ....	do .....	20 00
		Troster, O. J. ....	do .....	20 00
		Curtis, George. ....	do .....	20 00
		Mason, R. S. ....	do .....	20 00

## GENERAL DEPARTMENTS VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
D 511	1916 Feb. 17	Steinmayer, R. A.	Salary	\$20 00
Cld.		Miller, D. E.	do.	20 00
		McCumber, C. W.	do.	20 00
		Kasten, W. H.	do.	20 00
D 512	Feb. 19	Pay roll.	February, 1916	\$ 11 66
		Craig, Florence M.	Salary	\$11 66
D 513	..do..	Louden & Flanigan.	Printing	8 25
D 514	..do..	University Press.	do.	3 00
D 515	Feb. 21	M. E. Thompson, Cashier.	Labor bills.	96 15
D 516	..do..	M. E. Thompson, Cashier.	Express bills.	8 73
D 517	Feb. 23	H. A. Hollister.	Traveling expenses.	9 70
D 518	..do..	Peck & Hills Furniture Co.	Furniture and fixtures.	5 00
D 519	..do..	P. L. Windsor.	Traveling expenses.	6 74
D 520	..do..	L. B. Souder.	Sundries.	2 00
D 521	..do..	The Wabash Cabinet Co.	Office supplies.	3 30
D 522	..do..	The Gymnasium.	Water wings.	2 06
D 523	..do..	L. M. Becker.	Saxophone.	45 00
D 524	..do..	L. R. Wilson.	do.	38 00
D 525	..do..	H. Swannell & Son.	Columbia records.	3 65
D 526	..do..	H. S. Capron, Treasurer.	Material furnished from University storeroom.	236 35
D 527	Feb. 24	Illinois State Reformatory.	Printing.	9 60
D 528	Feb. 25	M. E. Thompson, Cashier.	Sundry bills.	9 59
D 529	..do..	M. E. Thompson, Cashier.	Labor bills.	88 40
D 530	..do..	M. E. Thompson, Cashier.	do.	117 94
D 531	Feb. 26	The Letter Shop.	Multigraph work.	12 20
D 532	..do..	George Strode.	Laboratory apparatus.	41 00
D 533	..do..	Louden & Flanigan.	Printing.	13 75
D 534	Feb. 28	Pay roll.	January 22, February 29.	62 77
		Means, R. W.	Salary.	\$62 77
D 535	..do..	Pay roll.	February, 1916	43 50
		Fontaine, E. O.	Salary.	\$ 6 50
		Klein, Gordon.	do.	9 50
		Newlin, W. B.	do.	27 50
D 536	Feb. 29	H. A. Hollister.	Traveling expenses.	33 50
D 537	..do..	James H. Finch.	Services.	5 00
D 538	..do..	W. Lewis & Co.	General supplies.	4 00
D 539	..do..	Bernard Mandl.	do.	13 40
D 540	..do..	F. E. Cavette.	Salary, February, 1916.	40 00
D 541	..do..	B. S. Harrison.	do.	40 60
D 542	..do..	M. E. Thompson, Cashier.	Labor bills.	92 00
D 543	..do..	H. S. Capron, Treasurer.	Material furnished from University storeroom.	104 81
D 544	Mar. 3	M. B. Barkman.	Wages, February, 1916.	18 00
D 545	..do..	Myrtle E. Money.	do.	6 00
D 546	..do..	Josephine Lindholm.	do.	13 20
D 547	..do..	J. H. Gage.	do.	11 00
D 548	..do..	A. P. Brown.	do.	20 00
D 549	..do..	Esther Eppinger.	do.	33 00
D 550	..do..	Mary A. Nichols.	do.	4 00
D 551	..do..	T. H. Armstrong.	do.	3 80
D 552	..do..	C. G. Howard.	do.	21 50
D 553	..do..	L. C. Raines.	do.	17 00
D 554	..do..	L. F. Draper.	do.	16 00
D 555	..do..	J. C. Larson.	do.	23 20
D 556	..do..	Russell Castle.	do.	28 50
D 557	..do..	L. D. Bunting.	do.	34 19
D 558	..do..	Miriam Fasold.	do.	4 80
D 559	..do..	C. A. Drake.	do.	15 00
D 560	..do..	R. W. Schechter.	do.	16 80
D 561	..do..	Ella Tillotson.	do.	10 30
D 562	..do..	C. Mabel Smith.	do.	8 80
D 563	..do..	L. J. Henrich.	do.	5 00
D 564	..do..	Grace Geyer.	do.	7 60
D 565	..do..	Edna Hedrick.	do.	7 60
D 566	..do..	Irma Houser.	do.	7 10
D 567	..do..	Michel V. Jamison.	do.	3 40
D 568	..do..	Henry W. Kamp.	do.	12 20
D 569	..do..	Adolph Pauli.	do.	12 20
D 570	..do..	Frances Klank.	do.	8 80
D 571	..do..	E. Anastasiades.	do.	9 80
D 572	..do..	George Allen.	do.	7 80
D 573	..do..	E. P. Hohman.	do.	3 70
D 574	..do..	D. F. Fleming.	do.	6 00
D 575	..do..	Helen D. Story.	do.	7 75
D 576	..do..	Agnes Wright.	do.	10 05
D 577	..do..	H. P. Greison.	do.	17 90
D 578	..do..	L. J. Ludwig.	do.	18 60

## GENERAL DEPARTMENTS VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
1916				
D 579	Mar. 8	L. G. McAfee.	Salary	\$ 5 40
D 580	do.	G. B. Angus	do.	6 40
D 581	do.	Harold Boyle	do.	2 00
D 582	do.	R. H. Brooks	do.	16 70
D 583	do.	C. C. Foulk	do.	29 00
D 584	do.	J. K. Primm	do.	17 06
D 585	do.	Paul Tracy	do.	3 60
D 586	do.	W. C. Troutman	do.	9 50
D 587	do.	Harry A. Wells	do.	1 05
D 588	do.	Lillie Cilley	do.	7 50
D 589	do.	Alice Beach	do.	7 20
D 590	do.	Ruth R. Hammond	do.	6 75
D 591	do.	Mary A. Nichols	do.	8 85
D 592	do.	Elizabeth Palm	do.	8 40
D 593	do.	Harvey E. Brewbaker	do.	3 40
D 594	do.	Wayne Chalderdon	do.	6 60
D 595	do.	B. H. Crandall	do.	3 40
D 596	do.	L. C. Geiger	do.	5 80
D 597	do.	A. J. Gideon	do.	2 60
D 598	do.	Paul N. Hanger	do.	7 80
D 599	do.	J. S. Lathrop	do.	4 20
D 600	do.	H. Reicheldorfer	do.	4 40
D 601	do.	J. R. Spencer	do.	3 40
D 602	do.	J. R. VanSickler	do.	3 70
D 603	do.	K. W. Parkinson	do.	1 40
D 604	do.	L. Warmolte	do.	60
D 605	do.	O. D. Arnold	do.	5 60
D 606	do.	Obert Beatty	do.	14 40
D 607	do.	Raymond Britt	do.	25 00
D 608	do.	G. F. Griffin	do.	25 20
D 609	do.	C. H. Lathrop	do.	10 80
D 610	do.	C. H. Lawrence	do.	27 70
D 611	do.	R. E. Sperry	do.	19 00
D 612	do.	Ruth C. Howells	do.	9 40
D 613	Mar. 7	M. E. Thompson, Cashier	Labor bills	464 78
D 614	do.	M. E. Thompson, Cashier	do.	44 38
D 615	Mar. 9	John Breedis	Wages, February, 1916	26 33
D 616	do.	J. F. Smith	do.	27 22
D 617	do.	Louis Melind Co.	General supplies	1 84
D 618	do.	The Letter Shop	Services	9 00
D 619	do.	Reickhoff Bakery	Food stuffs	2 20
D 620	do.	H. A. Hollister	Traveling expenses	33 94
D 621	do.	O. C. K. Hutchinson	Laboratory apparatus	2 00
D 622	do.	Library Bureau	Office equipment	107 00
D 623	do.	G. E. Stechert & Co.	Books	2 25
D 624	do.	Library of Congress	do.	100 00
D 625	do.	L. C. Smith & Bros.	Typewriter	30 00
D 626	do.	Flanigan-Pearson Co.	Printing	2 50
D 627	do.	The University Press	do.	3 00
D 628	do.	Louden & Flanigan	do.	40 05
D 629	Mar. 10	M. E. Thompson, Cashier	Labor bills	74 10
D 630	do.	M. E. Thompson, Cashier	Express bills	1 06
D 631	do.	M. E. Thompson, Cashier	Labor bills	29 23
D 632	Mar. 13	Eggleston Music House	Office equipment	14 00
D 633	do.	The Cundy-Bettoney Co.	Piccolo	45 27
D 634	do.	Remington Typewriter Co.	Typewriter	70 00
D 635	do.	C. G. Conn.	Band supplies	23 10
D 636	do.	Illinois State Reformatory	Printing	6 05
D 637	Mar. 14	H. S. Capron, Treasurer	Material furnished from University storeroom	195 53
D 638	do.	H. S. Capron, Treasurer	do.	36 82
D 639	Mar. 15	Pay roll	March, 1916	2,577 98
		Amos, Winifred	Salary	\$ 80 00
		Blackwell, Mary	do.	60 00
		Bollman, Minnie	do.	75 00
		Bryan, Elizabeth	do.	83 33
		Cordell, Della	do.	65 00
		Craig, Jennie	do.	100 00
		Deveneau, G. A.	do.	83 33
		Doyle, Katherine	do.	65 00
		Flattery, Amanda	do.	75 00
		Foster, Frederick	do.	50 00
		Galpin, Stella	do.	75 00
		Hester, Elizabeth	do.	65 00
		Houchens, Josie B.	do.	100 00
		Kern, Floy	do.	45 00
		Huber, Marie	do.	50 00
		Knapp, Aurella	do.	83 33

## GENERAL DEPARTMENTS VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
D 639 Cld.	1916 Mar. 15	Lichtenberger, Cleo.	Salary	\$ 65 00
		Love, Mary E.	do	70 00
		Luther, Cornelia	do	45 00
		McElroy, Mildred	do	65 00
		McGraw, Katherine	do	65 00
		Norton, Lucile	do	40 00
		Post, Frederick	do	100 00
		Powell, Burt E.	do	208 33
		Putnam, Persis	do	75 00
		Renz, Myrtle	do	83 33
		Ricketts, Clara A.	do	70 00
		Roberts, Nellie	do	75 00
		Robertson, Nellie	do	75 00
		Sharp, Bertha L.	do	65 00
		Shaw, Hazel Y.	do	83 33
		Thompson, Alice	do	65 00
		Weston, Jessie E.	do	75 00
		Whitescarver, R. L.	do	50 00
		Williams, Margaret	do	48 00
D 640	Mar. 16	Pay roll	March, 1916	\$6,230 90
		Clark, T. A.	Salary	\$458 33
		Warnock, A. R.	do	166 66
		Fair, Sue M.	do	85 00
		Fiero, E. E.	do	50 00
		Kyle, Martha J.	do	145 83
		Martin, Ada North	do	66 66
		Huff, G. A.	do	416 66
		Fargo, R. N.	do	183 33
		Zuppke, R. C.	do	83 33
		Manley, E. J.	do	120 00
		Gilmstedt, O. H.	do	60 00
		Gill, Harry E.	do	150 00
		Jones, R. R.	do	75 00
		Romeiser, Alvin	do	50 00
		Evans, W. E.	do	90 00
		Freer, Louise	do	116 66
		Brooks, Verna	do	120 00
		Hughitt, Anna	do	120 00
		Gaut, Rosa-Lee	do	50 00
		Osmond, Edith G.	do	100 00
		Morris, Caroline	do	80 00
		Hemenway, Margaret	do	20 00
		Harding, A. A.	do	91 66
		Lamkins, L. E.	do	10 00
		Gift, L. H.	do	4 00
		Lewis, J. T.	do	4 00
		Shelby, Edwin	do	20 00
		Van Natter, F. M.	do	20 00
		Lamkins, L. E.	do	20 00
		Thomas, R. R.	do	20 00
		Troster, O. J.	do	20 00
		Curtiss, Geo.	do	20 00
		Mason, R. S.	do	20 00
		Steinmayer, R. A. J.	do	20 00
		Miller, D. E.	do	20 00
		McCumber, C. W.	do	20 00
		Kasten, W. H.	do	20 00
		Mearns, R. W.	do	48 00
		Hollister, H. A.	do	270 83
		Didecot, J. J.	do	133 33
		Windsor, P. L.	do	316 66
		Goulding, P. S.	do	183 33
		Patton, Adah	do	108 33
		Signor, Nelle	do	43 33
		Hubbard, Marie	do	55 00
		Baechtold, Elsie	do	65 00
		Seiler, Erna	do	27 50
		Stevenson, F. L.	do	27 50
		Bell, Norma	do	27 50
		Romero, Newman	do	27 50
		Runyan, C. E.	do	30 00
		Branch, Nellie	do	32 50
		Herdman, Margaret	do	75 00
		Janvrin, C. E.	do	50 00
		Leatherman, Marian	do	80 00
		Torrance, Mary	do	83 33
		Wyeth, Ola	do	83 33
		Sparks, Marion	do	70 00

## GENERAL DEPARTMENTS VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount .
1916				
D 640	Mar. 16	Jutton, Emma R.	Salary	\$ 41 66
Cld.		Benson, Susan	do.	65 00
		Fontaine, E. O.	do.	42 50
		Burger, A.	do.	27 50
		Lenz, A. H.	do.	27 50
		Klein, Gordon	do.	27 50
		Craig, Florence M.	do.	21 66
		Newlin, W. B.	do.	27 50
		Drury, F. K. W.	do.	208 33
		Graves, C. E.	do.	116 66
		Stone, C. H.	do.	30 00
		Renich, Mary E.	do.	30 00
		Rugg, E. U.	do.	40 00
		Felsenthal, Emma	do.	100 00
		Hutchins, Margaret	do.	100 00
		Johnson, Alice	do.	100 00
		Eldridge, A. G.	do.	250 00
D 641	Mar. 18	M. E. Thompson, Cashier	Labor bills	\$ 163 35
D 642	do.	M. E. Thompson, Cashier	Express bills	1 29
D 643	Mar. 21	Louden & Flanigan	Printing	10 00
D 644	Mar. 23	H. A. Hollister	Traveling expenses	47 26
D 645	do.	Joseph Clifton Brown	do.	28 09
D 646	do.	H. V. Canter	do.	31 39
D 647	do.	Chas. M. Samson	Office supplies	5 00
D 648	do.	Illinois State Reformatory	Printing	25 30
D 649	Mar. 27	F. M. Leslie	Anso films	3 00
D 650	do.	Harvard College Library	General supplies	17 23
D 651	do.	J. W. Butler Paper Co.	Printing	12 68
D 652	Mar. 29	M. E. Thompson, Cashier	Labor bills	156 60
D 653	do.	M. E. Thompson, Cashier	do.	32 98
D 654	do.	H. S. Capron, Treasurer	Material furnished from University storeroom	282 44
D 655	Mar. 31	M. E. Thompson, Cashier	Labor bills	17 20
D 656	do.	Geo. B. Carpenter & Co.	Manila rope	1 43
D 657	do.	H. A. Hollister	Traveling expenses	39 22
D 658	do.	Johnson & Johnson	General supplies	3 88
D 659	do.	M. E. Thompson, Cashier	Labor bills	166 35
D 660	do.	H. S. Capron, Treasurer	Material furnished from University storeroom	230 71
D 661	do.	F. E. Cavette	Salary, March	40 00
D 662	do.	Ben Harrison	do.	43 77
D 663	do.	Y. M. C. A.	Incidental	228 30
D 664	Apr. 5	M. E. Thompson, Cashier	Labor bills	481 02
D 665	do.	M. E. Thompson, Cashier	do.	55 00
D 666	Apr. 8	M. E. Thompson, Cashier	Miscellaneous bills	6 53
D 667	Apr. 12	Art Metal Construction Co.	Truck	49 00
D 668	do.	Champaign Steam Laundry	Laundry	10 76
D 669	do.	H. A. Hollister	Traveling expenses	26 08
D 670	Apr. 13	M. E. Thompson, Cashier	Labor bills	3 10
D 671	do.	M. E. Thompson, Cashier	do.	108 84
D 672	do.	M. E. Thompson, Cashier	Express bills	1 53
D 673	Apr. 17	H. A. Hollister	Traveling expenses	28 48
D 674	Apr. 18	Flanigan-Pearson Co.	Printing	12 50
D 675	Apr. 19	Pay roll	April, 1916	2,592 98
		Amos, Winifred	Salary	\$ 80 00
		Blackwell, Mary	do.	60 00
		Boltman, Minnie	do.	75 00
		Bryan, Sarah E.	do.	83 33
		Cordell, Della	do.	65 00
		Jennie, Craig	do.	100 00
		Deveneau, G. A.	do.	83 33
		Doyle, Katherine	do.	65 00
		Flattery, Amanda	do.	75 00
		Posier, Frederick	do.	50 00
		Galpin, Stella	do.	75 00
		Hester, Elizabeth	do.	65 00
		Houchens, Josie B.	do.	100 00
		Kern, Floy	do.	45 00
		Huber, Marie	do.	50 00
		Knapp, Aurella	do.	83 33
		Lichtenberger, Cleo	do.	65 00
		Love, Mary E.	do.	70 00
		Luther, Cornelia	do.	45 00
		McElroy, Mildred	do.	65 00
		Kirwin, Nora	do.	65 00
		McGraw, Katherine	do.	65 00
		Norton, Lucile	do.	40 00
		Post, Frederick	do.	100 00

## GENERAL DEPARTMENTS VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
D 675	1916 Apr 19	Powell, Bert E.....	Salary.....	\$208 33
Cld.		Putnam, Persis.....	do.....	75 00
		Renz, Myrtle.....	do.....	83 33
		Ricketts, Clara A.....	do.....	70 00
		Roberts, Nellie.....	do.....	75 00
		Robertson, Nellie.....	do.....	75 00
		Sharp, Bertha L.....	do.....	65 00
		Shaw, Hazel Y.....	do.....	83 33
		Thompson, Alice.....	do.....	65 00
		Weston, Jessie B.....	do.....	75 00
		Williams, Margaret.....	do.....	48 00
D 676	do....	Pay roll.....	April, 1916.....	\$6,320 90
		Clark, T. A.....	Salary.....	\$458 33
		Warnock, A. R.....	do.....	166 66
		Fair, Sue M.....	do.....	85 00
		Kyle, Martha J.....	do.....	145 83
		Martin, Ada North.....	do.....	66 66
		Huff, G. A.....	do.....	416 66
		Fargo, R. N.....	do.....	183 33
		Zuppke, R. C.....	do.....	83 33
		Manley, E. J.....	do.....	120 00
		Glimstedt, O. H.....	do.....	60 00
		Gill, Harry E.....	do.....	150 00
		Jones, R. R.....	do.....	75 00
		Romeiser, Alvin.....	do.....	50 00
		Evans, W. E.....	do.....	90 00
		Freer, Louise.....	do.....	116 66
		Brooks, Verna.....	do.....	120 00
		Hughitt, Anna.....	do.....	120 00
		Gaut, Rosa-Lee.....	do.....	50 00
		Osmond, Edith G.....	do.....	100 00
		Morris, Caroline.....	do.....	80 00
		Hemenway, Margaret.....	do.....	20 00
		Harding, A. A.....	do.....	91 66
		Lamkins, L. E.....	do.....	10 00
		Gift, L. H.....	do.....	4 00
		Lewis, J. T.....	do.....	4 00
		Shelby, Edwin.....	do.....	20 00
		Van Natter, F. M.....	do.....	20 00
		Lamkins, L. E.....	do.....	20 00
		Thomas, R. R.....	do.....	20 00
		Troster, O. J.....	do.....	20 00
		Curtiss, George.....	do.....	20 00
		Mason, R. S.....	do.....	20 00
		Steinmeyer, E. A. J.....	do.....	20 00
		Miller, D. E.....	do.....	20 00
		McCumber, C. W.....	do.....	20 00
		Kasten, W. H.....	do.....	20 00
		Mearns, R. W.....	do.....	48 00
		Hollister, H. A.....	do.....	270 83
		Didcoet, J. J.....	do.....	133 33
		Windsor, P. L.....	do.....	316 66
		Goulding, P. S.....	do.....	183 33
		Patton, Adah.....	do.....	108 33
		Signor, Nelle.....	do.....	43 33
		Hubbard, Marie.....	do.....	55 00
		Baechtold, Elsie.....	do.....	65 00
		Seiler, Erna.....	do.....	27 50
		Stevenson, F. L.....	do.....	27 50
		Bell, Norma.....	do.....	27 50
		Romero, Newman.....	do.....	27 50
		Runyon, C. E.....	do.....	30 00
		Branch, Nellie.....	do.....	32 50
		Shelton, Wilma.....	do.....	65 00
		Herdman, Margaret.....	do.....	75 00
		Janvrin, C. E.....	do.....	50 00
		Leatherman, Marian.....	do.....	80 00
		Torrance, Mary.....	do.....	83 33
		Wyeth, Oia.....	do.....	83 33
		Sparks, Marion.....	do.....	70 00
		Jutton, Emma R.....	do.....	116 66
		Benson, Susan.....	do.....	65 00
		Fontaine, E. O.....	do.....	42 50
		Burger, A.....	do.....	27 50
		Lenz, A. H.....	do.....	27 50
		Klein, Gordon.....	do.....	27 50
		Craig, Florence M.....	do.....	21 66
		Newlin, W. B.....	do.....	27 50



## GENERAL DEPARTMENTS VOUCHERS—Continued.

No	Date.	To whom.	For what.	Amount.
D 676	1916 Apr. 19	Drury, F. K. W.	Salary	\$208 33
Cld.		Graves, C. E.	do.	116 66
		Stone, C. H.	do.	30 00
		Renich, Mary E.	do.	30 00
		Rugg, E. U.	do.	40 00
		Felsenthal, Emma	do.	100 00
		Hutchins, Margaret	do.	100 00
		Johnson, Alice	do.	100 00
		Eldridge, A. G.	do.	250 00
D 677	Apr. 20	M. E. Thompson, Cashier	Labor bills.	\$ 216 35
D 678	..do.	M. E. Thompson, Cashier	do.	67 72
D 679	..do.	L. A. McLean & Son	Premium	85 80
D 680	..do.	D. H. Loyde	Rent.	7 00
D 681	Apr. 21	H. S. Capron, Treasurer	Material furnished from University storeroom	433 05
D 682	Apr. 27	M. E. Thompson, Cashier	Labor bills.	212 40
D 683	..do.	M. E. Thompson, Cashier	do.	7 10
D 684	..do.	H. A. Hollister	Traveling expenses	17 33
D 685	..do.	Dixie Music House	Repair work	11 40
D 686	..do.	Frank Holton & Co.	Laboratory apparatus	4 09
D 687	..do.	Taylor Hardware Co.	General supplies	20 93
D 688	..do.	Buchan Mfg. Co.	do.	6 95
D 689	..do.	The Tablet Ticket Co.	do.	1 85
D 690	Apr. 29	M. E. Thompson, Cashier	Miscellaneous bills.	2 82
D 691	..do.	The University of Illinois Supply Store.	General supplies	1 35
D 692	..do.	Hunter Rourke & Co.	Lumber	4 50
D 693	..do.	Bacon Brothers	General supplies	10 50
D 694	..do.	H. LaSall	Laboratory apparatus	12 00
D 695	..do.	Louden & Flaningam	Printing	44 50
D 696	..do.	Pantagraph Printing & Stationery Co.	do.	29 40
D 697	May 5	Ben S. Harrison	Wages, April	40 00
D 698	..do.	F. E. Cavette	do.	52 00
D 699	May 12	J. W. Butler Paper Co.	Printing	10 00
D 700	..do.	W. M. Atwell	do.	4 08
D 701	..do.	Taylor Hardware Co.	General supplies	7 10
D 702	..do.	M. E. Thompson	Student work	4 00
D 703	May 15	P. S. Campbell	Postage	3 12
D 704	..do.	Louis Melind Co.	Office supplies	15 00
D 705	..do.	L. C. Smith & Bros.	Rentals	199 44
D 706	..do.	M. E. Thompson, Cashier	Labor	8 70
D 707	..do.	M. E. Thompson, Cashier	do.	7 00
D 708	May 18	Milwaukee Chair Co.	Furniture and fixtures	40 00
D 709	..do.	A. B. Dick Co.	Office equipment	5 83
D 710	..do.	Champaign Steam Laundry	Sundries	5 00
D 711	..do.	C. S. Hill	Apparatus repairs	8 00
D 712	..do.	Gym store	General supplies	36 00
D 713	..do.	Albert E. Wuesteman	do.	40 30
D 714	..do.	The Wm. B. Duck Co.	Laboratory apparatus	8 50
D 715	..do.	A. R. Walton	General supplies	7 00
D 716	..do.	Illinois State Reformatory	Printing	25 00
D 717	May 19	Louden & Flaningam	Printing	33 55
D 718	..do.	M. E. Thompson, Cashier	Student labor	27 83
D 719	..do.	M. E. Thompson, Cashier	Miscellaneous bills	112 40
D 720	..do.	M. E. Thompson, Cashier	do.	2 81
D 721	..do.	M. E. Thompson, Cashier	do.	57 31
D 722	..do.	M. E. Thompson, Cashier	do.	2,692 98
D 723	..do.	Pay roll	May, 1916.	
		Amos, Winifred	Salary	\$ 80 00
		Blackwell, Mary	do.	60 00
		Bollman, Minnie	do.	75 00
		Bryan, Sarah E.	do.	83 33
		Burns, Bryon	do.	50 00
		Cordell, Della	do.	65 00
		Craig, Jennie	do.	100 00
		Deveneau, G. A.	do.	83 33
		Doyle, Katherine	do.	65 00
		Flattery, Amanda	do.	75 00
		Fiero, E. E.	do.	50 00
		Foster, Frederick	do.	50 00
		Galpin, Stella	do.	75 00
		Hester, Elizabeth	do.	65 00
		Houchens, Josie B.	do.	100 00
		Kern, Floy	do.	45 00
		Huber, Marie	do.	50 00
		Kirwin, Nora	do.	65 00
		Knapp, Aurella	do.	83 33
		Lichtenberger, Cleo	do.	65 00
		Love, Mary E.	do.	70 00

## GENERAL DEPARTMENTS VOUCHERS—Concluded.

No.	Date.	To whom.	For what.	Amount.
D 723	1916 May 19	Luther, Cornelia M.	Salary	\$ 45 00
Cld.		McElroy, Mildred	do	65 00
		McGraw, Katherine	do	65 00
		Norton, Lucile	do	40 00
		Post Frederick	do	100 00
		Powell, Burt E.	do	208 33
		Putnam, Persis	do	75 00
		Renz, Myrtle	do	83 33
		Ricketts, Clara A.	do	70 00
		Roberts, Nellie	do	75 00
		Robertson, Nellie	do	75 00
		Sharp, Bertha L.	do	65 00
		Shaw, Hazel Y.	do	83 33
		Thompson, Alice	do	65 00
		Weston, Jessie B.	do	75 00
		Williams, Margaret	do	48 00
D 724	May 23	M. E. Thompson, Cashier	General labor	\$ 7 00
D 725	do	M. E. Thompson, Cashier	do	9 40
D 726	do	M. E. Thompson, Cashier	Miscellaneous bills	4 41
D 727	May 29	M. E. Thompson, Cashier	Miscellaneous	43 80
D 728	May 31	Louden & Flanigan	Printing	3 50
D 729	do	G. E. Stechert & Co.	Books	4 36
D 730	do	M. E. Thompson, Cashier	Miscellaneous	84 75
D 731	June 12	Underwood Typewriter Co.	Two typewriters	140 00
D 732	do	Library Bureau	Ledger cards	8 63
D 733	do	Banking World Publishing Co.	Subscription	10 00
D 734	do	Faxton Typewriter Exchange	One typewriter	70 00
D 735	do	Louden & Flanigan	Printing	24 50
D 736	June 15	N. W. Ayer & Son	General supplies	5 00
D 737	do	K. O. Brown, The Daily Illini	Books	3 00
D 738	do	Principal G. J. Koons	Traveling expenses	8 27
D 739	do	G. C. Willis	Cheese cloth	2 50
D 740	June 27	M. E. Thompson, Cashier	Miscellaneous	94

## IV. INSTRUCTION VOUCHERS.

I	1915 July 7	The Lawyers Co-Operative Publishing Co.	Index to notes	\$ 1 00
I	2	F. C. Jorgenson & Co.	Wall case	100 00
I	3	L. S. Riford	Traveling expenses	22 78
I	4	Commercial Telegraph & Telephone Co.	Telephone and telegraph	5 42
I	5	R. W. Dickenson	Traveling expenses	39 56
I	6	Chas. A. Campbell	do	29 46
I	7	H. C. Gilkerson	do	44 80
I	8	F. C. Bauer	do	22 58
I	9	A. F. Gustafson	do	21 24
I	10	H. A. DeWerff	do	43 43
I	11	Wm. Aten, Sr.	Expert field work	44 16
I	12	George Matheny	do	34 50
I	13	W. M. Woods	Teaming	44 40
I	14	A. J. Gunderson	Traveling expenses	7 43
I	15	J. W. Lloyd	do	17 47
I	16	D. H. Lloyd	Piano rent	25 00
I	17	M. H. Campbell	Traveling expenses	4 56
I	18	Chas. B. Price	do	12 65
I	19	Edw. A. Schwing	do	6 62
I	20	W. G. Kammlade	do	11 99
I	21	Devoe & Reynolds Co.	Laboratory supplies	3 73
I	22	The Carswell Co.	Books	26 38
I	23	T. H. Flood & Co.	Books	218 16
I	24	Flanigan-Pearson Co.	Printing	41 00
I	25	E. W. Seyster	Fruit	3 67
I	26	Fuller-Morrison & Co.	Mercury	99 00
I	27	Current Opinion	Subscription	3 00
I	28	Woldenberg & Schaar	Dishes	50 00
I	29	Kimble Durand Glass Co.	Flint tubing	6 80
I	30	Dallenbach Brothers	Laboratory supplies	1 05
I	31	Columbian Enameling & Stamping Co.	Soup bowls	11 71
I	32	E. H. Sargent & Co.	General supplies	5 70
I	33	Illinois State Reformatory	Printing	11 15
I	34	Eimer & Amend	Laboratory apparatus	23 03
I	35	Champaign Seed Co.	Seeds	3 55

## INSTRUCTION VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1915			
I 36	July 7	The Tablet & Ticket Co.	Office supplies.	\$ 1 70
I 37	do.	The Burr Co.	Bronze.	2 35
I 38	do.	Chesley & Co.	Milk tickets.	4 00
I 39	do.	Baker & Co.	Repair work.	6 61
I 40	do.	Illinois Glass Co.	Laboratory supplies.	159 51
I 41	do.	Soft Water Laundry.	Laundry.	1 66
I 42	do.	The Globe-Wernicke Co.	Office equipment.	1 17
I 43	do.	H. Swannell & Son.	Chemicals.	5 20
I 44	do.	The Emil Greiner Co.	Burette tubes.	30 00
I 45	do.	M. R. Edwards.	Wages, June, 1915.	2 40
I 46	do.	S. R. Farrah.	do.	27 20
I 47	do.	R. E. McDowell.	do.	15 20
I 48	do.	Lloyd R. Caldwell.	do.	15 00
I 49	do.	W. W. Wilson.	do.	15 00
I 50	do.	R. F. Harvey.	do.	36 10
I 51	do.	W. R. Jones.	do.	5 55
I 52	do.	John L. Munson.	do.	38 45
I 53	do.	J. Oxman.	do.	7 00
I 54	do.	Raymond Reese.	do.	19 40
I 55	do.	H. F. Vaughn.	do.	9 10
I 56	do.	M. R. Davis.	do.	48 15
I 57	do.	L. L. Hundt.	do.	2 80
I 58	do.	Ruth I. Mussenden.	do.	17 60
I 59	do.	G. W. McCuen.	do.	16 00
I 60	do.	E. F. Murphy.	do.	31 80
I 61	do.	F. Z. Radell.	do.	31 30
I 62	do.	P. T. Troeger.	do.	39 00
I 63	do.	H. W. Day.	do.	33 00
I 64	do.	A. W. Harz.	do.	26 30
I 65	do.	C. Jessen.	do.	18 50
I 66	do.	E. H. Doherty.	do.	13 80
I 67	do.	Geo. Dungen.	do.	47 40
I 68	do.	P. J. Leach.	do.	20 80
I 69	do.	H. P. Thurlow.	do.	37 60
I 70	do.	C. E. Null.	do.	50 40
I 71	do.	E. G. Johnson.	do.	39 40
I 72	do.	H. M. Harper.	do.	34 90
I 73	do.	Frank Leggett.	do.	24 40
I 74	do.	K. Gredendorfer.	do.	44 50
I 75	do.	R. W. Traxler.	do.	52 11
I 76	do.	George Gehant.	do.	18 30
I 77	do.	Si Snedeker.	do.	16 50
I 78	do.	E. S. Axline.	do.	39 15
I 79	do.	H. C. Eckstein.	do.	75 00
I 80	do.	W. F. Campbell.	do.	25 42
I 81	do.	P. D. Jenks.	do.	23 50
I 82	do.	Arthur Semple.	do.	4 50
I 83	do.	H. A. Shonle.	do.	36 25
I 84	do.	M. E. Slater.	do.	67 20
I 85	do.	R. A. Nelson.	do.	75 00
I 86	do.	J. R. Ziesenheim.	do.	12 80
I 87	do.	E. J. Brown.	do.	43 60
I 88	do.	Geo. Smalley.	do.	32 40
I 89	do.	Ida Luther.	do.	35 50
I 90	do.	T. M. Lyons.	do.	51 40
I 91	do.	W. T. Marsh.	do.	44 39
I 92	do.	Maude Campbell.	do.	47 00
I 93	do.	A. L. Shriver.	do.	53 46
I 94	July 12	Pay roll.	First half summer session, 1915.	11,300 00
		Smith, L. H.	Salary.	\$125 00
		Barto, D. O.	do.	125 00
		Bole, S. J.	do.	62 50
		Smith, W. H.	do.	112 50
		Eckblaw, K. J. T.	do.	125 00
		Crandall, W. T.	do.	62 50
		Hill, Mary.	do.	112 50
		Hottes, C. F.	do.	250 00
		Lamkey, E. M. R.	do.	50 00
		Balke, C. W.	do.	250 00
		Derick, C. G.	do.	150 00
		Weber, H. C. P.	do.	150 00
		Beal, G. D.	do.	125 00
		Hopkins, B. S.	do.	125 00
		MacArthur C. G.	do.	112 50
		Sears, G. W.	do.	112 50
		Kamm, Oliver.	do.	100 00
		Crane, Rufus.	do.	112 50
		Bogart, E. L.	do.	125 00

## INSTRUCTION VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
I 94	1915 July 12	Thompson, C. M.	Salary	\$150 00
I Cld.		McJohnston, H.	do.	112 50
		Seoville, H. T.	do.	112 50
		Bagley, W. C.	do.	200 00
		Coffman, L. D.	do.	250 00
		Johnston, C. H.	do.	250 00
		Hollister, H. A.	do.	250 00
		Whipple, G. M.	do.	200 00
		Rugg, H. O.	do.	112 50
		Miller, W. S.	do.	62 50
		Dodge, D. K.	do.	250 00
		Sherman, S. P.	do.	250 00
		Jones, H. S.	do.	150 00
		Boyer, C. V.	do.	125 00
		Woolbert, C. H.	do.	125 00
		Curl, M. J.	do.	112 50
		Folsom, J. W.	do.	150 00
		Peterson, W. A.	do.	75 00
		Carnahan, D. H.	do.	200 00
		Carry, C. S.	do.	75 00
		Soto, R. A.	do.	75 00
		Held, F. E.	do.	200 00
		Poor, C. M.	do.	112 50
		Koller, A. H.	do.	112 50
		Barto, P. S.	do.	112 50
		Zucker, A. E.	do.	100 00
		Lybyer, A. H.	do.	200 00
		Carter, C. E.	do.	150 00
		Hormell, C. E.	do.	200 00
		Stanton, Margaret.	do.	112 50
		Linder, Grace.	do.	87 50
		Hope, Leona.	do.	150 00
		Oldfather, W. A.	do.	200 00
		Canter, H. V.	do.	150 00
		Park, J. C.	do.	200 00
		Haas, L. J.	do.	125 00
		Duncan, J. M.	do.	75 00
		Shaw, Jas. B.	do.	150 00
		Wahlin, G. E.	do.	125 00
		Kempner, A. J.	do.	112 50
		Zeis, H. C.	do.	100 00
		Wilson, W. H.	do.	100 00
		Seeley, F. B.	do.	112 50
		Ensign, N. E.	do.	112 50
		Vallance, Alexander.	do.	112 50
		Smith, Constance Barlow.	do.	150 00
		Swan, Grace.	do.	75 00
		Huff, G. A.	do.	187 50
		Zuppke, R. C.	do.	112 50
		Jones, R. R.	do.	112 50
		Gill, H. L.	do.	112 50
		Moulton, Gertrude E.	do.	112 50
		Knipp, C. T.	do.	150 00
		Kunz, Jacob.	do.	150 00
		Jones, L. T.	do.	112 50
		Randolph, O. A.	do.	100 00
		Nathanson, J. B.	do.	87 50
		Bayley, P. L.	do.	75 00
		Story, R. M.	do.	150 00
		Hayes, E. C.	do.	250 00
		Galloway, T. W.	do.	200 00
		Henderson, W. F.	do.	75 00
		Reece, E. J.	do.	100 00
		Bond, Ethel.	do.	100 00
I 95	do.	Western Union Telegraph Co.	Time service.	\$ 15 00
I 96	do.	Bradner, Smith & Co.	Office supplies.	23 50
I 97	do.	Chicago Addressing Co.	Printing.	243 67
I 98	do.	Chicago Telephone Co.	Telephone.	67 83
I 99	do.	David Berg Distilling Co.	Alcohol.	173 54
I 100	do.	Fuller-Morrison Co.	Chemicals.	546 09
I 101	do.	M. E. Jahr.	Traveling expenses.	3 64
I 102	do.	Maude Parsons.	do.	15 54
I 103	do.	Isabel Bevier.	do.	9 59
I 104	do.	F. A. Pearson.	do.	4 59
I 105	do.	N. W. Hapburn.	do.	21 92
I 106	do.	Jacobs & Holmes.	Printing.	610 00
I 107	do.	Thomas J. Dee & Co.	General supplies.	66 28
I 108	do.	V. Mueller & Co.	Filter paper.	40 00

## INSTRUCTION VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1916			
I 109	July 12	Central Scientific Co.	Burette brushes.	\$ 10 08
I 110	..do..	Corbin Cabinet Lock.	Padlocks.	61 20
I 111	..do..	Harms & Scheuber.	Carrots.	5 00
I 112	..do..	J. W. Valentyn.	Postage.	55 00
I 113	..do..	Peoples Gas Light & Coke Co.	Gas.	18 88
I 114	..do..	Ernst Leitz.	Ratchet wheel.	7 25
I 115	..do..	New Washburn.	Traveling expenses.	5 89
I 116	..do..	F. A. Fisher.	..do.	35 41
I 117	..do..	A. F. Gustafson.	..do.	16 87
I 118	..do..	C. E. Durst.	..do.	9 99
I 119	..do..	F. C. Bauer.	..do.	6 74
I 120	..do..	H. J. Snider.	..do.	18 25
I 121	..do..	C. C. Logan.	..do.	26 79
I 122	..do..	S. V. Holt.	..do.	30 64
I 123	..do..	J. F. Romine.	..do.	31 93
I 124	..do..	H. A. DeWerff.	..do.	30 33
I 125	..do..	O. M. Allyn.	..do.	16 89
I 126	..do..	H. C. Wheeler.	..do.	25 27
I 127	..do..	A. J. Gunderson.	..do.	5 23
I 128	..do..	M. Jean.	..do.	8 16
I 129	..do..	C. F. Goodman.	..do.	66 83
I 130	..do..	Alice Probst.	..do.	3 52
I 131	..do..	Maude Campbell.	..do.	4 42
I 132	..do..	E. E. Hoskins.	..do.	11 88
I 133	..do..	J. T. Newsome.	..do.	34 03
I 134	..do..	Frank W. Garrett.	..do.	37 48
I 135	..do..	J. B. Marshall.	..do.	125 50
I 136	..do..	P. D. Long.	Field work.	24 30
I 137	..do..	A. L. Moats.	..do.	42 30
I 138	..do..	Albert Tate.	..do.	67 31
I 139	..do..	Harrison Fahrnkopf.	Traveling expenses.	11 20
I 140	..do..	O. M. McGhee.	..do.	7 58
I 141	..do..	Geo. A. McGahey.	Live stock.	200 00
I 142	..do..	Western Union Telegraph Co.	Clocks.	9 00
I 143	..do..	H. R. LaSelle.	Sewing belts.	2 25
I 144	..do..	Wilhelm Miller.	Traveling expenses.	11 80
I 145	..do..	W. H. Smith.	..do.	7 72
I 146	..do..	Herbert W. Blaney.	..do.	7 83
I 147	..do..	Hubert Rehfeldt.	Wages, July, 1915.	40 00
I 148	..do..	John T. Blackwell.	..do.	60 00
I 149	..do..	William Braun.	..do.	40 00
I 150	..do..	Harry Schulz.	..do.	35 00
I 151	..do..	Edward Lurea.	..do.	40 00
I 152	..do..	Diamon David.	..do.	50 00
I 153	..do..	Elia George.	..do.	50 00
I 154	..do..	John Kastanos.	..do.	50 00
I 155	..do..	Johann Becker.	..do.	55 00
I 156	..do..	William Kerechan.	..do.	50 00
I 157	..do..	Jacob Solomon.	..do.	50 00
I 158	..do..	Joseph Klena.	..do.	60 00
I 159	..do..	Peter Drennan.	..do.	80 00
I 160	..do..	H. O. Woodworth.	..do.	55 00
I 161	..do..	A. C. Toadvine.	..do.	45 00
I 162	..do..	Dan Whitley.	..do.	45 00
I 163	July 14	Pay roll.	Firsthalf summer session, 1915.	325 00
		Sarton, George A. L.	Salary.	\$200 00
		Smith, Mrs. Constance Barlow	..do.	50 00
		Glimstedt, O. H.	..do.	75 00
I 164	..do..	Pay roll.	Salaries as Freshman Advisors, 1914, 1915.	525 00
		Balke, C. W.	Salary.	\$25 00
		Boyer, C. V.	..do.	25 00
		Burge, W. E.	..do.	25 00
		Canter, H. V.	..do.	25 00
		Clark, T. A.	..do.	25 00
		Crathorne, A. R.	..do.	25 00
		Derick, C. G.	..do.	25 00
		Dodge, D. K.	..do.	25 00
		Fitz-Gerald, J. D.	..do.	25 00
		Hayes, E. C.	..do.	25 00
		Hopkins, B. S.	..do.	25 00
		Kingsley, J. S.	..do.	25 00
		Lybyer, A. H.	..do.	25 00
		MacInnes, D. A.	..do.	25 00
		Parr, S. W.	..do.	25 00
		Paul, H. G.	..do.	25 00
		Scott, F. W.	..do.	25 00
		Ward, H. B.	..do.	25 00

## INSTRUCTION VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
I 164	1915 July 14	Warnock, A. R.	Salary	\$25 00
I Cld.		Watson, F. R.	do.	25 00
I 166	do.	Woolbert, C. H.	do.	25 00
I 165	do.	Jesse Judy	Wages, June, 1915.	\$ 40 00
I 166	do.	L. E. Knorr, Assistant Comptroller.	General labor	403 01
I 167	do.	L. E. Knorr, Assistant Comptroller.	Sundry bills.	34 00
I 168	do.	L. E. Knorr, Assistant Comptroller.	Student labor	487 45
I 169	do.	A. F. Wilson.	Hypo	3 50
I 170	do.	O. S. Watkins.	Traveling expenses	45 24
I 171	do.	H. J. Snider	do.	22 99
I 172	do.	J. W. Smith	Expert field work	57 25
I 173	do.	J. E. Whitechurch	Traveling expenses	46 23
I 174	do.	Harrison Fahrnkopf.	do.	16 58
I 175	do.	J. F. Romine.	do.	32 45
I 176	do.	S. V. Holt.	do.	25 36
I 177	do.	R. W. Dickenson	do.	39 17
I 178	July 15	Western Lumber Co.	Building equipment.	28 75
I 179	do.	V. Mueller & Co.	Medical apparatus.	7 50
I 180	do.	Mallory, Mitchell & Faust.	Advertising	322 25
I 181	do.	Consolidated Dental Mfg. Co.	Medical apparatus.	7 25
I 182	do.	Ernst S. Moore.	Charts.	27 00
I 183	do.	Fuller Morrisson Co.	Iron arsenic and strychnine.	4 13
I 184	do.	Central Scientific Co.	Chemicals.	43 17
I 185	do.	C. L. Frame Dental Supply Co.	Dental apparatus.	11 72
I 186	do.	Thos. J. Dee & Co.	Dental supplies.	45 00
I 187	do.	Whitall Tatum Co.	Chemicals.	33 48
I 188	do.	James H. Greene.	Traveling expenses	49 18
I 189	do.	R. D. Swisher Mfg. Co.	Office supplies.	1 55
I 190	do.	Barron Bros. Coal Co.	Animal feed	3 48
I 191	do.	Bradner Smith & Co.	Chemicals.	34 04
I 192	do.	Ahrens & Schreiner	General supplies.	6 55
I 193	do.	Physicians' Supply & Drug Co.	do.	17 60
I 194	do.	E. Van Alstine	Traveling expenses	21 55
I 195	do.	L. A. Hunter	do.	21 95
I 196	do.	E. E. Hoskins.	do.	83 42
I 197	do.	Stephen Rogers	Experiment field work	120 95
I 198	do.	A. B. McDaniel	Traveling expenses	10 70
I 199	do.	A. J. Gunderson.	do.	12 11
I 200	do.	J. G. Mosier	do.	19 00
I 201	do.	Kepp Brothers.	General supplies.	3 94
I 202	do.	Wilhelm Miller	Traveling expenses	11 37
I 203	do.	R. H. Wilcox	do.	2 15
I 204	do.	F. A. Fisher.	do.	28 85
I 205	do.	H. A. deWerrif.	do.	23 00
I 206	do.	C. G. Hopkins.	do.	10 90
I 207	do.	C. C. Logan	do.	24 19
I 208	do.	O. M. Allyn	do.	15 19
I 209	do.	J. Raymond Van Kleeck.	do.	3 18
I 210	do.	H. C. Lawson	do.	15 47
I 211	do.	Irving Pitt Mfg. Co.	Office supplies.	6 44
I 212	do.	Ernst Leitz	Analytical balance	52 25
I 213	do.	J. W. Vallentyne.	Postage.	500 00
I 214	do.	Elmer & Amend.	Utensils.	11 52
I 215	do.	The Chicago Daily News Co.	Advertising.	2 25
I 216	do.	The Chicago Tribune.	do.	1 44
I 217	do.	Swift & Co.	Beef hearts	2 50
I 218	do.	Nelle Barnes.	Wages, June, 1915.	23 75
I 219	do.	Lois Dodds	do.	18 45
I 220	July 16	Pay roll.	July, 1915.	53,297 44
		Davenport, Eugene	Salary	\$500 00
		Checkley, J. H.	do.	100 00
		Hieronymus, R. E.	do.	250 00
		Jamison, A. W.	do.	166 66
		Miller, W. F.	do.	50 00
		Nolan, A. W.	do.	200 00
		Rankin, F. H.	do.	291 66
		Greene, J. H.	do.	50 00
		Allyn, Orr	do.	100 00
		Bauer, J. P.	do.	150 00
		Bauer, F. O.	do.	150 00
		Brunson, A. M.	do.	83 33
		Burlison, W. L.	do.	116 66
		Clevenger, C. B.	do.	83 33
		Dickenson, R. W.	do.	100 00
		Dickerson, I. W.	do.	150 00
		Ebersol, E. T.	do.	50 00
		Eckblaw, K. J. T.	do.	150 00
		Ellis, O. I.	do.	83 33

## INSTRUCTION VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
I 220 Ctd.	1915 July 16	Fahrnkopf, H. F. T.	Salary.....	\$ 83 33
		Fisher, F. A.	do.	116 66
		Garrett, F. W.	do.	116 66
		Gentle, G. E.	do.	83 33
		Gernert, W. B.	do.	150 00
		Gilkerson, H. C.	do.	83 33
		Gustafson, A. F.	do.	175 00
		Holt, S. V.	do.	150 00
		Hopkins, C. G.	do.	416 66
		Jahr, M. E.	do.	133 33
		Leighty, W. R.	do.	116 66
		Hoskins, E. E.	do.	150 00
		Mosier, J. G.	do.	291 66
		Newell, C. R.	do.	100 00
		Niederman, Gertrude.	do.	100 00
		Sachs, W. H.	do.	150 00
		Schoonover, W. R.	do.	83 33
		Smith, L. H.	do.	291 66
		Snider, H. J.	do.	83 33
		Torgenson, E. F.	do.	70 00
		VanAlstine, E.	do.	175 00
		Walworth, E. H.	do.	83 33
		Wascher, F. M. W.	do.	116 66
		deWerf, H. A.	do.	70 00
		Wheeler, H. C.	do.	150 00
		Whiting, A. L.	do.	150 00
		Reed, C. O.	do.	116 66
		Andrews, J. B.	do.	100 00
		Barto, D. O.	do.	200 00
		Baumgartner, H. C.	do.	70 00
		Bull, Sleeter.	do.	150 00
		Carmichael, W. J.	do.	116 66
		Detlefson, J. A.	do.	200 00
		Edmunds, J. L.	do.	208 33
		Grindley, H. S.	do.	291 66
		Harper, Claude.	do.	83 33
		Joseph, W. E.	do.	150 00
		Keith, Mary H.	do.	108 33
		Mumford, H. W.	do.	416 66
		Newlin, C. I.	do.	108 33
		Roberts, Elmer.	do.	100 00
		Rusk, H. F.	do.	208 33
		Shiner, R. T.	do.	70 00
		Smith, W. H.	do.	141 66
		Whisenand, J. W.	do.	41 66
		Wilcox, R. H.	do.	83 33
		Yoke, J. J.	do.	100 00
		Coffey, W. C.	do.	266 66
		Handschin, W. F.	do.	62 50
		Allen, P. W.	do.	66 66
		Brand, R. E.	do.	175 00
		Crandall, W. T.	do.	150 00
		Fraser, W. J.	do.	291 66
		Harding, H. A.	do.	416 66
		Hulce, R. S.	do.	133 33
		Keller, O. A.	do.	100 00
		Lang, L. R.	do.	175 00
		Nevens, W. B.	do.	75 00
		Ruehe, H. A.	do.	141 66
		Hepburn, N. W.	do.	208 33
		Turner, Frank.	do.	75 00
		Weeter, H. M.	do.	83 33
		Yapp, W. W.	do.	100 00
		Allison, I. D.	do.	150 00
		Aust, F. A.	do.	116 66
		Blaney, H. W.	do.	116 66
		Brown, H. D.	do.	70 00
		Blair, J. C.	do.	416 66
		Bole, S. J.	do.	150 00
		Colby, A. S.	do.	60 00
		Dorner, H. B.	do.	250 00
		Durst, C. E.	do.	150 00
		Evans, F. N.	do.	150 00
		Englis, D. T.	do.	60 00
		Gardner, J. J.	do.	166 66
		Gunderson, A. J.	do.	116 66
		Hecht, August.	do.	70 00
		Hutchinson, James.	do.	100 00

## INSTRUCTION VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
I 220 Ctd.	1915 July 16	Lloyd, J. W.	Salary	\$291 66
		Miller, Wilhelm.	do	250 00
		Miles, L. E.	do	41 66
		Muncie, F. W.	do	100 00
		Peltier, G. L.	do	133 33
		Pickett, B. S.	do	250 00
		Rees, C. C.	do	50 00
		Robinson, C. M.	do	100 00
		Root, R. R.	do	208 33
		Ruth, W. A.	do	150 00
		Smith, F. A. C.	do	125 00
		Watkins, O. S.	do	175 00
		VanKleek, J. R.	do	83 33
		Deal, Edwin	do	41 66
		Bevier, Isabel.	do	250 00
		Goldthwaite, Nellie.	do	208 33
		Fleming, Georgia.	do	100 00
		Gray, Cora E.	do	116 66
		Gray, Greta E.	do	108 33
		Harrison, Florence.	do	116 66
		Parsons, Maud.	do	125 00
		Seymour, Lurene.	do	150 00
		Stanton, Margaret.	do	116 66
		Stevens, Grace.	do	108 33
		Wheeler, Ruth.	do	141 66
		Williams, Anna.	do	100 00
		Bunch, Mamie.	do	83 33
		McIntosh, Donald.	do	208 33
		Ash, Percy.	do	208 33
		Clark, C. R.	do	166 66
		Provine, L. H.	do	291 66
		Ricker, N. C.	do	291 66
		Titcomb, W. C.	do	175 00
		Wells, N. A.	do	208 33
		Baker, I. O.	do	333 33
		Bowling, B. L.	do	83 33
		Garver, N. B.	do	141 66
		McDaniel, A. B.	do	229 16
		Smith, J. E.	do	150 00
		Wiley, C. C.	do	141 66
		Wilson, W. M.	do	183 33
		Newell, F. H.	do	416 66
		Biegler, F. S.	do	166 66
		Brooks, Morgan.	do	250 00
		Fisk, I. W.	do	133 33
		James, L. V.	do	133 33
		Faine, E. B.	do	250 00
		Waldo, E. H.	do	166 66
		Miller, H. W.	do	183 33
		Porter, F. M.	do	425 00
		Steward, R. K.	do	141 66
		Benedict, B. W.	do	291 66
		Dent, J. A.	do	150 00
		Fisk, J. A.	do	91 66
		Goodenough, G. A.	do	291 66
		Harding, L. A.	do	291 66
		Leutwiler, O. A.	do	241 66
		Richards, C. R.	do	479 16
		Willard, A. C.	do	200 00
		Andros, S. O.	do	25 00
		Holbrook, E. A.	do	208 33
		Stock, H. H.	do	416 66
		Enger, M. L.	do	187 50
		Fleming, V. R.	do	150 00
		Talbot, A. N.	do	416 66
		Carman, A. P.	do	416 66
		Knipp, C. T.	do	233 33
		Kunz, Jacob.	do	208 33
		Schulz, W. F.	do	183 33
		Williams, E. H.	do	141 66
		Watson, F. R.	do	229 16
		Buck, A. M.	do	150 00
		Comstock, A. F.	do	166 66
		Schmidt, E. C.	do	333 33
		Snodgrass, J. M.	do	183 33
		Decker, E. H.	do	291 66
		Green, Frederick.	do	291 66



## INSTRUCTION VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
I 220	1915 July 16	Harker, O. A.	Salary	\$333 33
Ctd.		Hale, W. G.	do	291 66
		Pomeroy, J. N.	do	258 33
		Vernier, C. G.	do	291 66
		Carpenter, C. E.	do	208 33
		Babcock, K. C.	do	416 66
		Lake, E. J.	do	187 50
		Stebbins, Joel	do	291 66
		Hottes, C. F.	do	250 00
		Stevens, F. L.	do	333 33
		Trelease, William	do	416 66
		Stull, R. T.	do	250 00
		Balke, C. W.	do	250 00
		Derick, C. G.	do	166 66
		Noyes, W. A.	do	416 66
		Parr, S. W.	do	333 33
		Smith, G. M.	do	166 66
		Washburn, E. W.	do	291 66
		Weber, H. C. P.	do	166 66
		Beal, G. D.	do	125 00
		Hopkins, B. S.	do	125 00
		MacInnes, D. A.	do	125 00
		Barton, H. J.	do	291 66
		Canter, H. V.	do	208 33
		Moss, C. M.	do	250 00
		Oldfather, W. A.	do	250 00
		Pease, A. S.	do	250 00
		Bagley, W. C.	do	208 33
		Coffman, L. D.	do	291 66
		Johnston, C. H.	do	291 66
		Miller, W. S.	do	150 00
		Whipple, G. M.	do	229 16
		Baldwin, E. C.	do	175 00
		Clark, T. A.	do	83 33
		Dodge, D. K.	do	270 83
		Fulton, Edward	do	175 00
		Jones, H. S. V.	do	183 33
		Paul, H. G.	do	208 33
		Scott, F. W.	do	200 00
		Sherman, S. P.	do	308 33
		Woolbert, C. H.	do	166 66
		Zettlin, Jacob	do	141 66
		Creek, H. L.	do	125 00
		Boyer, C. V.	do	141 66
		Schoepperle, Gertrude	do	116 66
		Folsom, J. W.	do	208 33
		Forbes, S. A.	do	83 33
		MacGillivray, A. D.	do	250 00
		Bayley, W. S.	do	250 00
		Rolfe, C. W.	do	250 00
		Savage, T. E.	do	208 33
		Brooks, N. C.	do	208 33
		Flom, G. T.	do	233 33
		Goebel, Julius	do	312 50
		Lessing, O. E.	do	291 66
		Meyer, G. H.	do	229 16
		Bloomfield, Leonard	do	166 66
		Alvord, C. W.	do	145 83
		Greene, E. B.	do	416 66
		Larson, L. M.	do	250 00
		Lybyer, A. H.	do	233 33
		Robertson, W. S.	do	208 33
		Jones, P. V. B.	do	150 00
		Pease, T. O.	do	125 00
		Borger, R. L.	do	125 00
		Crathorne, A. R.	do	166 66
		Emch, Arnold	do	187 50
		Lythae, E. B.	do	150 00
		Miller, G. A.	do	291 66
		Reitz, H. L.	do	158 33
		Shaw, J. B.	do	229 16
		Sisam, C. H.	do	183 33
		Townsend, E. J.	do	333 33
		Wahlin, G. E.	do	116 66
		Burge, W. E.	do	191 66
		Bode, H. A.	do	291 66
		Daniels, A. H.	do	333 33
		Garner, J. W.	do	333 33

## INSTRUCTION VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
I 220 Cld.	1915 July 16	Mathews, J. M.	Salary.	\$150 00
		Bentley, Madison	do	270 83
		Carnahan, D. H.	do	225 00
		Fitz-Gerald, J. D. II	do	225 00
		Oliver, T. E.	do	250 00
		Seymour, A. R.	do	166 66
		Blondheim, D. S.	do	166 66
		Hayes, E. C.	do	275 00
		Kingsley, J. S.	do	291 66
		Smith, Frank	do	250 00
		Ward, H. B.	do	416 66
		Zeleny, Charles	do	250 00
		Shelford, V. E.	do	166 66
		Bogart, E. L.	do	291 66
		Dewsnup, E. R.	do	250 00
		Litman, Simon	do	208 33
		Robinson, M. H.	do	125 00
		Weston, N. A.	do	250 00
		Heilman, R. E.	do	216 66
		Thompson, C. M.	do	191 66
		Bond, Ethel	do	83 33
		Curtis, Florence	do	133 33
		Reece, E. J.	do	133 33
		Simpson, Frances	do	166 66
		Schwartz, G. F.	do	183 33
		Smith, Constance Barlow	do	166 66
		Erb, J. L.	do	250 00
		Day, W. B.	do	208 33
		Snow, C. M.	do	150 00
		Gathercoal, E. N.	do	108 33
		Eicher, B. L.	do	83 33
		Colson, H. W.	do	83 33
		Pantus, Bernard	do	16 66
		Lynn, E. V.	do	150 00
I 221	do...	Pay roll	July, 1915	
		Haygood, Helen	Salary	\$ 70 00
		Powell, B. E.	do	191 66
		Wheeler, H. H.	do	70 00
		Hamilton, Mrs. Alice V.	do	100 00
		Jay, Edith	do	50 00
		Custer, Emma L.	do	75 00
		Davis, Vera	do	50 00
		McIntyre, W. A.	do	50 00
		Manley, Verna	do	50 00
		Millar, Mary	do	70 00
		Nagle, Sybil	do	50 00
		Vaubel, Daniel	do	60 00
		Beadles, Jessie	do	65 00
		Bowen, Evalena	do	65 00
		Halliday, Mable	do	60 00
		Riggs, Bess	do	45 00
		Taft, Mary E.	do	65 00
		White, Loretta K.	do	35 00
		Grabbe, Florence	do	65 00
		Hayward, Nellie	do	60 00
		Buckles, Mildred	do	65 00
		Cover, Hazel	do	60 00
		Lahr, L. D.	do	50 00
		Packard, Bessie	do	75 00
		Gordon, Marie	do	55 00
		Heater, Myrtle	do	60 00
		Manspeaker, Lotta M.	do	83 33
		Slater, Sara M.	do	60 00
		Ross, Anna	do	50 00
		Leitz, Louise	do	40 00
		Glenn, Eleanor	do	50 00
		Goodspeed, W. S.	do	90 00
		Alley, W. E.	do	100 00
		Postlewaite, Harriett	do	55 00
		Winchester, B. L.	do	50 00
		Nyberg, Florence	do	50 00
		Pergande, Robert	do	95 00
		Hayes, J. B.	do	95 00
		Rogers, Della M.	do	40 00
		Wyninger, H. T.	do	60 00
		Ressler, Milton	do	80 00
		States, Bertha	do	50 00
		Griffith, Mabel	do	70 00
				\$4,023 32

## INSTRUCTION VOUCHERS—Continued.

No.	Date	To whom.	For what.	Amount.
I 221	1915 July 16	McGnrtty, Agnes	Salary	\$83 33
I Cld.		Fieg, Robert	do	50 00
		Crawford, C. C.	do	65 00
		Dalton, C. E.	do	50 00
		Hull, A. H.	do	65 00
		Miller, C. F.	do	90 00
		Peel, Thomas	do	60 00
		Scott, Bertha	do	50 00
		Smith, Mayme L.	do	65 00
		Merchant, Donna	do	50 00
		Garwood, Frances	do	50 00
		Brownfield, Lelah	do	50 00
		Meseck, Rudolph	do	65 00
		Scanlan, Mary	do	60 00
		Harper, Julia	do	65 00
		Ellis, E. R.	do	50 00
		Loniuss, J. O.	do	90 00
		Vanderbeek, H. J.	do	65 00
		Buchanan, H. C.	do	70 00
I 222	do.	Mary L. Hughes	Wages, July, 1915	\$ 50 00
I 223	July 17	Frank Turner	Traveling expenses	8 41
I 224	do.	H. K. Rulison	do	8 14
I 225	do.	H. P. Rusk	do	8 39
I 226	do.	R. C. Moore	do	6 60
I 227	do.	E. H. Sargent & Co.	Chloroform	5 50
I 228	do.	Wozencraft & Finder	Repairing pump	1 65
I 229	do.	W. M. Davis	do	8 75
I 230	do.	Chicago Fire Proof Storage Warehouse	Storage	3 00
I 231	do.	Southern Illinois Penitentiary	Brushes	1 50
I 232	do.	Illinois State Penitentiary	Brooms	10 36
I 233	do.	Nitrate Agencies Co.	Nitrate of soda	97 20
I 234	do.	P. S. Campbell	Printing	3 75
I 235	do.	Watson, Faulkner	Journals	1 40
I 236	do.	George L. Felche	Services	3 00
I 237	do.	F. A. Rheo	Cut-off valve	1 00
I 238	do.	E. G. Mendenhall	Harrow	25 43
I 239	do.	W. E. Bradley & Co.	Food supplies	100 45
I 240	do.	G. R. Grubb & Co.	Corn cuts	33 45
I 241	do.	Fleischmann Co.	Yeast	1 50
I 242	do.	The Globe-Wernicke Co.	Filing case	142 25
I 243	do.	C. C. Ferguson	Horseshoes	4 00
I 244	do.	W. A. Morschhauser	Calculating machine	453 75
I 245	do.	Edwin J. Johns	Wages, July, 1915	45 00
I 246	do.	D. H. Lloyd	Blue printing	9 60
I 247	do.	Barnhart Bros.	Hay fork head	2 00
I 248	do.	Champaign Seed Co.	Seeds	19 05
I 249	do.	L. D. Harvey	Rheostats	37 50
I 250	do.	Wallace Brothers	General supplies	5 33
I 251	do.	D. M. Crockett	do	10 25
I 252	do.	R. W. Braithwaite	Services	6 90
I 253	do.	Illinois State Reformatory	Printing	22 60
I 254	do.	H. Swannell & Son	Chemicals	1 70
I 255	do.	F. K. Robeson	Ducking	1 20
I 256	do.	T. H. Eaton	Traveling expenses	82 44
I 257	do.	G. W. Van Sickle	Stakes	20 00
I 258	do.	McKey & Poague	Rent	500 00
I 259	do.	Eugene Dietzgen Co.	Laboratory apparatus	2 52
I 260	do.	E. A. Eichhorst	Harness repair	1 05
I 261	do.	Ruhm Phosphate Mining Co.	Phosphate rock	111 48
I 262	do.	Harshaw, Fuller & Goodwin Co.	Chemicals	5 50
I 263	do.	Smith & Co.	Ice	40 00
I 264	do.	Metzler & Schafer Co.	Foodstuffs	51 55
I 265	do.	Dallenbach Brothers	do	197 00
I 266	do.	Conner & Quayle	Horseshoes	18 00
I 267	do.	Devoe & Reynolds Co.	Drawing paper	24 54
I 268	do.	Geo. B. Carpenter & Co.	Wagon tarpaulin	2 50
I 269	July 19	The Chester Transfer Co.	Drayage	58 17
I 270	do.	Eimer & Amend	Laboratory supplies	1,637 21
I 271	do.	Woldenberg & Schaar	do	1,748 78
I 272	do.	Champaign Steam Laundry	Laundry	109 58
I 273	do.	Bausch & Lomb Optical Co.	Laboratory supplies	52 70
I 274	do.	G. E. Stechert & Co.	Books	10 78
I 275	do.	Wilson Brothers	Teaming	124 00
I 276	do.	R. C. Wagner & Son	Coal	26 34
I 277	do.	The University of Illinois Supply Store	General supplies	20 60
I 278	do.	Crescent Paper Co.	Office supplies	41 07
I 279	do.	John H. Doyle	Building supplies	1 00
I 280	do.	Jim Dickerson	Barrels	2 00

## INSTRUCTION VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1915			
I 281	July 19	Martin Metz	Bolster	\$ 2 50
I 282	do.	Eastern Moline Plow Co.	Cultivator	2 50
I 283	do.	Devoe & Raynolds Co.	Drawing paper	12 98
I 284	do.	Westinghouse Electric & Mfg. Co.	Brushes	1 33
I 285	do.	The Macmillan Co.	Books	16 20
I 286	do.	Farrar & Quinlan	Food supplies	83 43
I 287	do.	Olney Milling Co.	Animal feed	48 05
I 288	do.	J. D. Hurn & Son	Lime	5 10
I 289	do.	Jolly-Wieland & Richardson Co.	General supplies	66 50
I 290	do.	J. H. Ritter	Buggy	45 00
I 291	do.	C. Hasler	General supplies	27 60
I 292	do.	L. C. Smith & Bros.	Typewriter	20 00
I 293	do.	Loretta K. White	Wages, 1915	35 00
I 294	do.	The Burr Co.	General supplies	12 90
I 295	do.	Hunter Rourke & Co.	Lumber	3 75
I 296	do.	Chas. A. Hall Hardware Co.	Hand sickles	2 70
I 297	do.	Elsner Grocery Co.	Food supplies	100 24
I 298	do.	Taylor Hardware Co.	Building material	18 33
I 299	do.	B. E. Spalding	Chemicals	1 90
I 300	do.	Vaughan's Seed Store	Seeds	6 58
I 301	do.	Siegel Cooper & Co.	General supplies	7 30
I 302	do.	G. C. Willis	do	4 30
I 303	do.	Stebbins Hardware Co.	Ladder and files	22 54
I 304	do.	Tim Folz	General supplies	8 00
I 305	do.	University Club	Traveling expenses	2 80
I 306	do.	Clinton Kirby	Oats	42 05
I 307	do.	F. M. Leslie	Framing picture	1 50
I 308	do.	E. H. Sargent & Co.	Laboratory apparatus	82 88
I 309	do.	The Frederick Post Co.	Office supplies	1 81
I 310	do.	Silver Burdett & Co.	Books	8 00
I 311	do.	O. C. Jones	Dogs	5 25
I 312	do.	Baker & Co.	Platinum wire	2 14
I 313	do.	Champaign Seed Co.	Seeds	3 55
I 314	do.	International Instrument Co.	Filter bags	3 00
I 315	do.	U. S. Blue Print Paper Co.	Office supplies	1 10
I 316	do.	Alexander Lumber Co.	Lumber	104 30
I 317	do.	International Press Clipping Bureau	Clipping service	5 00
I 318	do.	Strauch Photo-Craft House	Photos	2 50
I 319	do.	Mrs. Fritta McKelvey	Laundry	1 29
I 320	do.	C. M. Dorris	Concrete work	73 00
I 321	do.	New York Botanical Garden	Books	2 00
I 322	do.	Bulletin of Pharmacy	Advertising	7 50
I 323	do.	Champaign Sanitary Milk Co.	Dairy products	11 50
I 324	do.	Burroughs Adding Machine Co.	Material for machine	9 42
I 325	do.	Machinists Supply Co.	Spring cotters	1 59
I 326	do.	Corbin Cabinet Lock Co.	Keys	2 00
I 327	do.	The Quaker Oats Co.	Rolled wheat	20 20
I 328	do.	Shavings & Sawdust Co.	Shavings	84 09
I 329	do.	W. R. Bradley & Co.	Frappe	13 50
I 330	do.	Miller Printing Co.	Printing	212 50
I 331	do.	Gustav Stickley	Paint	7 00
I 332	do.	Pantagraph Printing & Stationery Co.	Printing	3 25
I 333	do.	W. R. Leighty	Traveling expenses	20 89
I 334	do.	Chicago Surgical & Electric Co.	Lille paraffine bath electrified	22 50
I 335	do.	Cooper Hewitt Electric Co.	Laboratory supplies	1 43
I 336	do.	Williams & Wilkins Co.	Printing	3 78
I 337	do.	Luther Burbank Publishers	Books	75 00
I 338	do.	Milwaukee Dustless Brush Co.	Cleanser	8 00
I 339	do.	The Gilbert & Bennett Mfg. Co.	Laboratory supplies	18 52
I 340	do.	Carl John Stein Co.	Plumbing	10 00
I 341	do.	The American Cutlery Co.	Spatulas	20 25
I 342	do.	Kraut & Dohmal	Safety blades	5 00
I 343	do.	Henry Bosch Co.	General supplies	13 35
I 344	do.	Lehn & Fink	Crude drugs	128 87
I 345	do.	Fuller Morrison Co.	Laboratory supplies	15 02
I 346	do.	M. H. Fairchild & Bro.	Soap	3 67
I 347	do.	Chicago Medical Book Co.	Books	6 15
I 348	do.	Mallory, Mitchell & Faust	Advertising	2 10
I 349	do.	Keuffel & Esser Co.	Office supplies	10 43
I 350	do.	E. R. Brown	Wages, July, 1915	50 00
I 351	do.	H. D. McQueen	do	55 00
I 352	do.	Will Patterson	do	50 00
I 353	do.	M. F. Stivers	do	50 00
I 354	do.	W. M. Woods	do	50 00
I 355	do.	A. C. Toadvine	do	45 00
I 356	do.	Dan Whitley	do	45 00
I 357	do.	Mary B. McMillen	do	50 00
I 358	do.	Alice Reed	do	60 00

## INSTRUCTION VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
1915				
I 359	July 19	Maude Campbell	Wages, July, 1915	\$ 18 00
I 360	..do..	J. R. Kellev	..do..	65 00
I 361	..do..	J. T. Newsome	..do..	45 00
I 362	..do..	F. C. Newsome	..do..	45 00
I 363	..do..	T. V. Newsome	..do..	45 00
I 364	..do..	Chas. A. Campbell	..do..	65 00
I 365	..do..	C. C. Chapman	..do..	100 00
I 366	..do..	B. H. Dunlap	..do..	70 00
I 367	..do..	L. A. Hunter	..do..	80 00
I 368	..do..	Emma Rohweder	..do..	45 00
I 369	..do..	M. D. Rose	..do..	55 00
I 370	..do..	Andrew Torquist	..do..	75 00
I 371	..do..	Florence Stoutzenberg	Wages, June, 1915	25 00
I 372	..do..	Howard G Osborne	Wages, July, 1915	60 00
I 373	..do..	F. C. Richey	..do..	60 00
I 374	..do..	T. R. Shively	..do..	60 00
I 375	..do..	Robert W. Stark	..do..	100 00
I 376	..do..	O. M. McGhee	..do..	60 00
I 377	..do..	J. C. Anderson	..do..	70 00
I 378	..do..	G. S. Beaumont	..do..	65 00
I 379	..do..	R. S. Dunham	..do..	60 00
I 380	..do..	E. E. Glick	..do..	52 50
I 381	..do..	C. T. Hufford	..do..	50 00
I 382	..do..	K. W. Parkinson	..do..	45 00
I 383	..do..	E. J. Picchard	..do..	45 00
I 384	..do..	B. H. Questel	..do..	45 00
I 385	..do..	G. L. Rigg	..do..	52 50
I 386	..do..	J. F. Romine	..do..	55 00
I 387	..do..	Douglas Wright, Jr.	..do..	50 00
I 388	..do..	W. L. Bennett	..do..	75 00
I 389	July 20	Pay roll	July, 1915	1,368 33
		Browne, W. H.	Salary	\$250 00
		Arneson, Mabel L.	..do..	75 00
		Heerman, Louise B.	..do..	60 00
		Watson, Ethel	..do..	50 00
		Cole, H. W.	..do..	100 00
		Tomlinson, J. S.	..do..	125 00
		Fletcher, E. C.	..do..	100 00
		Froberg, Eric	..do..	75 00
		Allen, Mrs. Josephine	..do..	55 00
		Hoy, Anna	..do..	60 00
		Seaberg, Elin M.	..do..	60 00
		Loomis, Metta H.	..do..	83 33
		David, Eshoo	..do..	55 00
		Tomak, Georgiana	..do..	60 00
		Gubbins, Maud	..do..	60 00
		Moorehead, Mary M.	..do..	40 00
		David, Paul	..do..	60 00
I 390	..do..	Mabelle G. Marshall	Wages, July	50 00
I 391	..do..	Etta Hensel	..do..	45 00
I 392	..do..	A. D. Horn	..do..	35 00
I 393	..do..	May Kramer	..do..	45 00
I 394	..do..	Lizzie Shue	..do..	40 00
I 395	..do..	Lavina Dille	..do..	60 00
I 396	..do..	J. E. Morgan	..do..	5 00
I 397	..do..	Pay roll	July, 1915	4,414 06
I 398	..do..	Pay roll	..do..	13 25
I 398 1/2	July 21	J. W. Butler Paper Co.	Office supplies	73 43
I 399	..do..	C. A. Hughes	Traveling expenses	34 93
I 400	..do..	Fred J. Blackburn	..do..	27 07
I 401	..do..	Olive Percival	Conducting school	30 00
I 402	..do..	Ritchie Bros.	Negatives	1 00
I 403	..do..	D. H. Lloyd	Office supplies	7 50
I 404	..do..	Geo. G. Green	Machinery	21 00
I 405	..do..	J. V. Farwell Co.	Laboratory supplies	59 77
I 406	..do..	H. I. Carpenter	Tuning pianos	4 50
I 407	..do..	A. N. Pierson	General supplies	23 00
I 408	..do..	J. T. Newsome	Traveling expenses	27 10
I 409	..do..	S. E. Huff & Co.	Lime	1 50
I 410	..do..	Driver-Harris Wire Co.	Wire	3 36
I 411	..do..	Hardie Mfg. Co.	Sprayer and equipment	268 87
I 412	..do..	Jno. D. Bangs & Co.	Laboratory utensils	12 46
I 413	..do..	The Inner Braced Furniture Co.	Chairs	48 60
I 414	..do..	The Plant World	General supplies	4 50
I 415	..do..	Cantwell Printing Co.	Printing	6 00
I 416	..do..	F. W. Garrett	Traveling expenses	57 27
I 417	..do..	Charles A. Campbell	..do..	40 04
I 418	..do..	Wilson Bros	Teaming	40 50

## INSTRUCTION VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
1915				
I 419	July 21	L. E. Knorr, Assistant Comptroller	Sundry bills	\$ 1 50
I 420	do.	L. E. Knorr, Assistant Comptroller	Student labor	207 52
I 421	do.	L. E. Knorr, Assistant Comptroller	General labor	265 69
I 422	do.	G. E. Stechert & Co.	Books	26 18
I 423	do.	A. C. McClurg & Co.	do.	117 40
I 424	do.	G. W. Sheldon & Co.	Duty	19 65
I 425	do.	J. M. Hanson-Bennett Agency	Bulletins	6 00
I 426	do.	Anna May Price	Lectures	20 00
I 427	do.	Massachusetts Historical Society	Books	3 00
I 428	do.	Public Library of Cuiti	do.	5 00
I 429	do.	Taylor Instrument Co.	Thermometer, electric	4 44
I 430	do.	Southern Biological Supply Co.	Chemicals	2 25
I 431	do.	The University of Illinois Supply Store	Printing frames	1 15
I 432	do.	Bacon Brothers	Paint and brushes	7 25
I 433	do.	Tice & Lynch, Inc.	Freight	10 62
I 434	do.	John R. Anderson Co.	Books	3 38
I 435	do.	J. Fischer & Brother	Music	1 35
I 436	do.	Vaughan McCaughey	Lectures	15 00
I 437	do.	O. M. Allyn	Traveling expenses	43 05
I 438	do.	E. VanAlstine	do.	4 34
I 439	do.	J. G. Mosier	do.	7 79
I 440	do.	F. A. Fisher	do.	35 61
I 441	do.	H. C. Wheeler	do.	54 98
I 442	do.	F. W. Washer	do.	40 33
I 443	do.	H. A. deWerff	do.	15 50
I 444	do.	S. V. Holt	do.	36 59
I 445	do.	R. W. Dickenson	do.	47 98
I 446	do.	A. F. Gustafson	do.	20 82
I 447	do.	Ulric Johnson	do.	24 10
I 448	do.	H. J. Snider	do.	31 19
I 449	do.	L. E. Knorr, Assistant Comptroller	Express bills	26 04
I 450	July 22	Jeanette Craigmille	Wages, July, 1915	50 00
I 451	do.	Charles H. Wheatacraft	do.	50 00
I 452	do.	Hazel L. Rock	do.	50 00
I 453	do.	Roy Argo	do.	55 00
I 454	do.	Lucy M. Barto	do.	20 00
I 455	do.	D. T. Brooks	do.	50 00
I 456	do.	Jasper Dillon	do.	55 00
I 457	do.	Lawrence Engle	do.	50 00
I 458	do.	W. J. Engle	do.	75 00
I 459	do.	W. J. Hampton	do.	75 00
I 460	do.	W. C. Jones	do.	75 00
I 461	do.	Henry Mapes	do.	50 00
I 462	do.	Fred Pine	do.	80 00
I 463	do.	Frank Sanders	do.	50 00
I 464	do.	J. F. Smith	do.	75 00
I 465	do.	J. S. Whitmire	do.	50 00
I 466	do.	A. J. Stoneburner	do.	50 00
I 467	do.	Charles Pollard	do.	50 00
I 468	do.	Ralph Chaplin	do.	60 00
I 469	do.	D. C. Sprinkle	do.	50 00
I 470	do.	H. O. Woodworth	do.	55 00
I 471	do.	Asa Egelston	do.	45 00
I 472	do.	C. E. Zachmire	do.	50 00
I 473	do.	Ethel Sharp	do.	50 00
I 474	do.	Jesse Judy	do.	40 00
I 475	do.	W. L. Harry	do.	100 00
I 476	do.	Harry Pritchard	do.	70 00
I 477	do.	Ralph Pritchard	do.	65 00
I 478	do.	Emmett Brentlinger	do.	50 00
I 479	do.	Lawrence Utterback	do.	50 00
I 480	do.	Hazel Rhoades	do.	60 00
I 481	do.	H. R. Farrington	do.	50 00
I 482	do.	Claude Moulder	do.	50 00
I 483	do.	G. H. Colman	do.	45 00
I 484	do.	Edd Taylor	do.	50 00
I 485	do.	Lucy Lowe	do.	45 00
I 486	do.	H. W. Day	do.	45 00
I 487	do.	Ralph Engle	do.	55 00
I 488	do.	M. E. Leach	do.	31 94
I 489	do.	W. T. Martin	do.	47 50
I 490	do.	Stanley Wilkins	do.	35 00
I 491	do.	Pay roll	Second half of summer session	945 00
		Huff, G. A.	Salary	\$187 50
		Zuppkc, R. C.	do.	112 50
		Jones, R. R.	do.	112 50
		Gill, H. L.	do.	112 50
		Glimstedt, O. H.	do.	75 00

## INSTRUCTION VOUCHERS—Continued.

No.	Date.	To whom	For what.	Amount.
I 491	1915 July 22	Reece, E. J.	Salary	\$100 00
Cld.		Bond, Ethel	do.	100 00
		Williams, Margaret	do.	85 00
		Cloud, Eva	do.	45 00
		MacCaughy, Vaughan	do.	15 00
I 492	do.	Taylor Hardware Co.	Wire and hose	\$ 3 80
I 493	do.	D. T. Dobbins	Labor	3 50
I 494	do.	Indian Refining Co.	Gasoline	8 79
I 495	do.	Oldham Brothers	General supplies	16 85
I 496	do.	The Tablet & Ticket Co.	Office supplies	6 54
I 497	do.	Champaign Seed Co.	Seeds	43 15
I 498	do.	General Chemical Co.	Chemicals	60 06
I 499	do.	S. E. Huff & Co.	Coal	73 75
I 500	do.	The Burr Co.	Soil augers	9 65
I 501	do.	Harrison Fahrnkopf	Traveling expenses	16 01
I 502	do.	O. M. McGhee	do.	8 23
I 503	do.	Harry C. Gilkerson	do.	37 93
I 504	do.	E. E. Hoskins	do.	68 95
I 505	do.	T. W. Dieckmann	do.	5 94
I 506	do.	Sanborn Map Co.	Maps	1 50
I 507	do.	J. Fischer & Bro.	Music	4 41
I 508	do.	Peck & Hills Furniture Co.	Desk	39 20
I 509	do.	The Chester Transfer Co.	Drayage	3 71
I 510	do.	Smith & Co.	Ice	40 00
I 511	do.	E. H. Sargent & Co.	Laboratory supplies	60 50
I 512	do.	Harris Dillavou & Co.	Slacked lime	1 90
I 513	do.	A. E. C. Lathrop	White rats	1 50
I 514	do.	L. G. Hubbard	Pigs	20 00
I 515	do.	White Line Laundry	Laundry	6 69
I 516	July 23	S. C. Tucker	Absorbin	2 00
I 517	do.	Thatcher Mfg. Co.	Milk bottles	26 59
I 518	do.	Warner Jenkinson Co.	Bean varnish	18 00
I 519	do.	Champaign Ice Cream Co.	Gelatine	11 10
I 520	do.	Twin City Creamery Co.	Dairy products	7 50
I 521	do.	G. R. Grubb & Co.	Zinc etchings	10 00
I 522	do.	National Lead Co.	Lead in oil	3 99
I 523	do.	The American Guernsey Cattle Club	Entry application	10 00
I 524	do.	The De Laval Separator Co.	Separator oil	3 60
I 525	do.	Charles Mollett	General supplies	4 95
I 526	do.	W. Lewis & Co.	Shade cloth	4 50
I 527	do.	Hazel Clemence	Wages, July, 1915	65 00
I 528	do.	Alice Propst	do.	50 00
I 529	do.	Lulu Meyers	do.	50 00
I 530	do.	Harry Crissey	do.	65 00
I 531	do.	Garfield Jones	do.	75 00
I 532	do.	Clyde Hamlin	do.	60 00
I 533	do.	Hiram Hamlin	do.	55 00
I 534	do.	John Palfrey	do.	75 00
I 535	do.	F. A. Louret	do.	50 00
I 536	do.	Elmer Jenkins	do.	60 00
I 537	do.	Geo. Jenson	do.	60 00
I 538	do.	A. C. Peterson	do.	50 00
I 539	do.	W. T. Marsh	do.	50 00
I 540	do.	John Flocken	do.	65 00
I 541	do.	Earl Meenach	do.	70 00
I 542	do.	J. E. Murdock	do.	65 00
I 543	do.	George Bote	do.	85 00
I 544	do.	Florence Stoutzenberg	Wages, July, 1915	50 00
I 545	do.	H. B. Ingalls	do.	50 00
I 546	do.	L. R. Lang	Traveling expenses	23 35
I 547	do.	F. W. Muncie	do.	17 92
I 548	do.	Fred Pine	do.	7 34
I 549	do.	W. Wilson	do.	23 35
I 550	do.	H. Fahrnkopf	do.	19 00
I 551	do.	George W. Medley	do.	74 48
I 552	do.	G. E. Stechert & Co.	Books	2 45
I 553	do.	C. W. Alvord	Lectures	40 00
I 554	do.	Vaughan MacCaughy	do.	75 00
I 555	do.	Wells Bros. Co.	Screw plate cut	7 71
I 556	do.	McFadden & Bros.	Wheat straw	9 54
I 557	do.	The Hotel Equipment Co.	Supplies	7 20
I 558	do.	McKey & Poague	Rental	500 00
I 559	do.	F. A. Pearson	Traveling expenses	5 63
I 560	July 26	Lawrence Nesbit	Wages, July, 1915	55 00
I 561	do.	R. C. Glover	do.	50 00
I 562	do.	M. H. Campbell	do.	60 00
I 563	do.	H. C. Lawson	do.	60 00
I 564	do.	I. J. Reinhart	do.	60 00

## INSTRUCTION VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1915			
I 565	July 26	C. B. Price	Wages, July, 1915	\$ 60 00
I 566	..do..	W. B. Castenholz	Material furnished from University storeroom	1,716 13
I 567	..do..	T. H. Flood & Co	Books	23 82
I 568	..do..	The Carswell Co	..do.	26 50
I 569	..do..	C. J. Davis	Traveling expenses	10 50
I 570	..do..	The Boston Book Co	Books	5 00
I 571	..do..	Chadenat, Libraire	..do.	10 24
I 572	..do..	Henry Sotheran & Co	..do.	1 25
I 573	..do..	J. Rick'sche Universitäts Buchhandlung	..do.	3 57
I 574	..do..	George Harding	..do.	7 08
I 575	..do..	Henry Stevens Son & Stiles	..do.	16 81
I 576	..do..	Joseph Baer & Co	..do.	3 51
I 577	..do..	Otto Harrassowitz	..do.	3 10
I 578	..do..	Paul Ollendorf	..do.	2 27
I 579	..do..	Northamptonshire Natural Historical Society & Field Club	Journals	1 50
I 580	..do..	A. J. Gunderson	Traveling expenses	8 73
I 581	..do..	Wilhelm Miller	..do.	21 13
I 582	..do..	Lloyd R. Caldwell	..do.	24 37
I 583	..do..	S. S. Pennock-Meehan Co	Smilax plants	2 00
I 584	..do..	Nitrate Agencies Co	Nitrate of soda	5 60
I 585	..do..	American Can Co	General supplies	1 42
I 586	..do..	Edward R. Ladew Co., Inc	Belting	87 78
I 587	..do..	American Steel & Wire Co	Wire coils	4 95
I 588	..do..	D. R. Lee	Figs	16 00
I 589	..do..	Peck & Hills Furniture Co	Desk	22 05
I 590	..do..	E. H. Swigert	Piano tuning	5 60
I 591	..do..	Frank Shepard Co	Journal	4 00
I 592	..do..	Pay roll	Salaries, second half summer session, 1915	10,825 00
		Smith, L. H.	Salary	\$125 00
		Barto, D. O.	..do.	125 00
		Bole, S. J.	..do.	62 50
		Smith, W. H.	..do.	112 50
		Eckblaw, K. J. T.	..do.	125 00
		Crandall, W. T.	..do.	62 50
		Hill, Mary	..do.	112 50
		Hottes, C. F.	..do.	250 00
		Lamkey, E. M. R.	..do.	50 00
		Balke, C. W.	..do.	250 00
		Derick, C. G.	..do.	150 00
		Weber, H. C. P.	..do.	125 00
		Beal, G. D.	..do.	125 00
		Hopkins, B. S.	..do.	125 00
		MacArthur, C. G.	..do.	112 50
		Sears, G. W.	..do.	112 50
		Kamm, Oliver	..do.	100 00
		Crane, Rufus	..do.	112 50
		Bogart, E. L.	..do.	125 00
		Thompson, C. M.	..do.	150 00
		McJohnston, H.	..do.	112 50
		Scovill, H. T.	..do.	112 50
		Bagley, W. C.	..do.	200 00
		Coffman, L. D.	..do.	250 00
		Johnston, C. H.	..do.	250 00
		Hollister, H. A.	..do.	250 00
		Whipple, G. M.	..do.	200 00
		Rugg, H. O.	..do.	112 50
		Miller, W. S.	..do.	62 50
		Dodge, D. K.	..do.	250 00
		Sherman, S. P.	..do.	250 00
		Jones, H. S.	..do.	150 00
		Boyer, C. V.	..do.	125 00
		Woolbert, C. H.	..do.	125 00
		Curl, M. J.	..do.	112 50
		Folsom, J. W.	..do.	150 00
		Peterson, W. A.	..do.	75 00
		Carnahan, D. H.	..do.	200 00
		Carry, C. S.	..do.	75 00
		Soto, R. A.	..do.	75 00
		Held, F. E.	..do.	200 00
		Poor, C. M.	..do.	112 50
		Kollar, A. H.	..do.	112 50
		Barto, P. S.	..do.	112 50
		Zucker, A. E.	..do.	100 00
		Lybyer, A. H.	..do.	200 00
		Carter, C. E.	..do.	150 00



## INSTRUCTION VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
I 592	1915 July 26	Hormell, C. E.	Salary	\$200 00
I 592	July 26	Sarton, George A. L.	do	200 00
I 592	July 26	Stanton, Margaret	do	112 50
I 592	July 26	Linder, Grace	do	87 50
I 592	July 26	Hope, Leona	do	150 00
I 592	July 26	Oldfather, W. A.	do	200 00
I 592	July 26	Canter, H. V.	do	150 00
I 592	July 26	Park, J. C.	do	200 00
I 592	July 26	Haas, L. J.	do	125 00
I 592	July 26	Duncan, J. M.	do	75 00
I 592	July 26	Shaw, J. B.	do	150 00
I 592	July 26	Wahlin, G. E.	do	125 00
I 592	July 26	Kemper, A. J.	do	112 50
I 592	July 26	Zeis, H. C.	do	100 00
I 592	July 26	Wilson, W. H.	do	100 00
I 592	July 26	Seeley, F. B.	do	112 50
I 592	July 26	Ensign, N. E.	do	112 50
I 592	July 26	Vallance, Alexander	do	112 50
I 592	July 26	Smith, Constance Barlow	do	200 00
I 592	July 26	Swan, Grace	do	75 00
I 592	July 26	Moulton, Gertrude E.	do	112 50
I 592	July 26	Knipp, C. T.	do	150 00
I 592	July 26	Kunz, Jacob	do	150 00
I 592	July 26	Jones, L. T.	do	28 13
I 592	July 26	Williams, E. H.	do	84 37
I 592	July 26	Randolph, O. A.	do	100 00
I 592	July 26	Nathanson, J. B.	do	87 50
I 592	July 26	Bayley, P. L.	do	75 00
I 592	July 26	Story, R. M.	do	150 00
I 592	July 26	Hayes, E. C.	do	250 00
I 592	July 26	Galloway, T. W.	do	200 00
I 592	July 26	Henderon, W. F.	do	75 00
I 593	July 28	C. R. Richards	Traveling expenses	\$ 7 74
I 594	do.	Alexander Lumber Co.	Building material	43 70
I 595	do.	O. M. Allyn	Traveling expenses	13 56
I 596	do.	R. Wunderlich	Machinery	3 50
I 597	do.	A. F. Gustafson	Traveling expenses	9 24
I 598	do.	Geo. B. Carpenter & Co.	Canvas	6 98
I 599	do.	The Emil Greiner Co.	Slyke apparatus glass	29 00
I 600	do.	Irving Pitt Mfg. Co.	Office supplies	17 25
I 601	do.	Twin City Creamery Co.	Dairy products	11 80
I 602	do.	Hanke & Bishop	Live stock	95 00
I 603	do.	Henry Bosch Co.	Repairs	2 06
I 604	do.	Ludwig Wilson Brush & Supply Co.	Mops	3 75
I 605	do.	C. J. Davis	Repairing microscope	38 25
I 606	do.	W. H. Smith	Traveling expenses	17 43
I 607	do.	H. J. Snider	do	21 61
I 608	do.	Harrison Fahrnkopf	do	64 88
I 609	do.	J. H. Smith	do	73 30
I 610	do.	R. W. Dickenson	do	36 20
I 611	do.	F. A. Fisher	do	52 67
I 612	do.	S. V. Holt	do	46 54
I 613	do.	L. E. Knorr, Assistant Comptroller	General labor	649 05
I 614	do.	L. E. Knorr, Assistant Comptroller	Student labor	370 30
I 615	do.	K. A. Hathaway	Wages, July, 1915	50 00
I 616	July 29	N. B. Garver	Traveling expenses	28 85
I 617	do.	E. E. Hoskins	do	105 55
I 618	do.	O. M. McChoe	do	16 91
I 619	do.	P. W. Kissinger	Experiment field work	34 90
I 620	do.	C. C. Logan	Traveling expenses	22 76
I 621	do.	C. C. Gere	Stop watch	3 50
I 622	do.	P. S. Campbell	Printing	3 75
I 623	do.	R. C. Wagner & Son	Hauling	35 00
I 624	do.	Alexander Lumber Co.	Flooring	11 50
I 625	do.	Denver Fire Clay Co.	Furnace	90 00
I 626	do.	J. L. Edmonds	Traveling expenses	33 28
I 627	do.	H. C. Wheeler	do	41 18
I 628	do.	A. L. Moats	Experiment field work	16 55
I 629	do.	Jacob TenBoer	do	37 93
I 630	do.	H. C. Gilkerson	Traveling expenses	59 42
I 631	do.	J. G. Mosier	do	7 30
I 632	do.	H. K. Rullison	do	13 31
I 633	do.	Leon D. Tilton	do	6 31
I 634	do.	F. J. Marshall	do	21 11
I 635	do.	Jones & Laughling Steel Co.	C R steel	28 61
I 636	do.	General Electric Co.	Motor	40 80
I 637	do.	Eisner Grocery Co.	Salt	1 40
I 638	do.	Champaign Seed Co.	Seeds	21 02

## INSTRUCTION VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1915			
I 639	July 29	Sears, Roebuck & Co.	General supplies	\$ 156 00
I 640	do.	The Charles Stone Co.	Ground limestone	83 70
I 641	do.	J. B. Marshall	Sickle	1 95
I 642	do.	Indian Refining Co.	Gasoline	4 75
I 643	do.	Keuffel & Esser Co.	Office supplies	40 72
I 644	do.	The Tablet & Ticket Co.	do.	3 59
I 645	do.	M. A. Donohue & Co.	do.	16 70
I 646	do.	H. A. Cate	Wages, July, 1915	70 00
I 647	do.	M. W. Jean	do.	30 09
I 648	do.	G. E. Stechert & Co.	Books	288 53
I 649	do.	Ernst Hertzberg & Sons	do.	36 95
I 650	do.	Canadian Horticulturist	do.	1 70
I 651	do.	G. W. Sheldon & Co.	do.	24 02
I 652	do.	H. W. Wilson Co.	do.	100 00
I 653	do.	Republic Publishing Co.	do.	4 90
I 654	do.	Mississippi Valley Historical Assn.	do.	2 00
I 655	July 30	Marion E. Sparks	Wages, July, 1915	60 00
I 656	do.	Forest Mock	do.	50 00
I 657	do.	A. D. Shepard	do.	42 60
I 658	do.	H. P. Rusk	Traveling expenses	9 00
I 659	do.	P. D. Long	Experiment field work	42 47
I 660	do.	Peck & Hills Furniture Co.	Office supplies	49 70
I 661	do.	Peerless Belt Lacing Machine Co.	Coil lacing	5 70
I 662	do.	The Wm. Powell Co.	Air valves	9 24
I 663	do.	Eclipse Int. Counterbore Co.	Eclipse holder	21 48
I 664	do.	Cincinnati Milling Machine Co.	Indexing attachment	15 00
I 665	do.	Roberds Mfg. Co.	Wall boards	3 60
I 666	do.	The Justrite Mfg. Co.	Waste cans	9 00
I 667	do.	The L. S. Starrett Co.	Saws	15 41
I 668	do.	C. H. Besley & Co.	Paints	31 50
I 669	do.	Roy S. Hart & Co.	File handles	3 60
I 670	do.	Covington Machine Co.	Electrowhl 60 cycle	50 00
I 671	do.	N. W. Hepburn	Traveling expenses	20 19
I 672	do.	Earl Garver	do.	2 24
I 673	do.	Frank Turner	do.	16 95
I 674	do.	C. W. Smith	Hay	38 66
I 675	do.	J. Horace McFarland Co.	Photographs	18 00
I 676	do.	Spring Brothers	Peas	43 75
I 677	do.	Vaughan's Seed Store	Sphagnum burlapped	4 75
I 678	do.	Peoples Gas Light & Coke Co.	Lighting	11 52
I 679	do.	Illinois State Reformatory	Letterheads	20 15
I 680	do.	J. F. Webster & Co.	Poultry	17 10
I 681	do.	J. W. Butler Paper Co.	Office supplies	15 87
I 682	do.	Henry Troemner	Incidental	1 00
I 683	July 31	Stearnes Steel Range Co.	Cooking utensil	6 06
I 684	do.	St. Louis Basket & Box Co.	Baskets	4 25
I 685	do.	B. A. Strauch	Films	8 00
I 686	do.	Chas. Bodach & Sons	Wall cases	48 50
I 687	do.	H. S. McCracken Box & Label Co.	Labels	11 00
I 688	do.	R. C. Wagner & Sons	Coal	6 55
I 689	do.	Ruhm Phosphate Mining Co.	Phosphate rock	78 98
I 690	do.	Spencer Lens Co.	Microscope	1,105 86
I 691	do.	Pantagraph Printing & Stationery Co.	Printing	9 98
I 692	do.	Paul Williamson	Wages, July, 1915	46 50
I 693	do.	Albert Bradford	do.	60 00
I 694	do.	E. G. Young	do.	55 37
I 695	do.	Ruth Glassco	do.	32 40
I 696	do.	Elmer & Amend	Chemicals	127 99
I 697	do.	Pantagraph Printing & Stationery Co.	Printing	616 94
I 698	do.	Hoffman & Kropff Chemical Co.	Chemicals	38 00
I 699	do.	F. J. Burns & Co.	Museum specimens	2 10
I 700	do.	E. H. Sargent & Co.	Laboratory apparatus	421 20
I 701	do.	Denver Fire Clay Co.	Clay	131 02
I 702	do.	Hunter Fourke & Co.	Lim.	2 30
I 703	do.	Brunner Foundry & Machine Co.	Clutch pulley	6 50
I 704	do.	Harris Bros. Co.	Belt	51 00
I 705	do.	Champaign Bottling Works	Carbon dioxide	16 11
I 706	do.	R. H. Wilcox	Traveling expenses	173 49
I 707	do.	F. W. Garrett	do.	25 64
I 708	do.	Central Scientific Co.	General supplies	157 15
I 709	do.	International Instrument Co.	Laboratory apparatus	27 50
I 710	do.	The Leeds & Northrup Co.	Dial condenser	7 85
I 711	do.	Roessler & Hasslacher Chemical Co.	Peroxide	1 45
I 712	do.	Illinois State Reformatory	Printing	133 30
I 713	do.	A. S. Nelson & Sons	Salt	50 00
I 714	do.	Woldenberg & Schaar	Laboratory apparatus	4 76
I 715	do.	The "Icy-Hot" Bottle Co.	Mercury pump	
I 716	do.	The Arthur H. Thomas Co.	Flasks	

## INSTRUCTION VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1915			
I 717	July 31	The Burr Co. ....	Brass rods .....	\$ 1 45
I 718	..do..	Chief Bureau of Chemistry .....	Chemical .....	6 00
I 719	..do..	Hanovia Chemical Mfg. Co. ....	Laboratory apparatus .....	37 03
I 720	..do..	National Carbon Co. ....	Carbon plates .....	18 41
I 721	..do..	Imperial Floor Co. ....	Flooring paints .....	3 70
I 722	..do..	Twin City Ice & Cold Storage Co. ....	Ice .....	24 00
I 723	..do..	Hunter Rourke & Co. ....	Lumber .....	13 50
I 723a	..do..	W. B. Castenholz, Comptroller .....	Material furnished from University storeroom .....	720 16
I 724	Aug. 3	E. M. A. Chandler .....	Wages, July, 1915 .....	46 25
I 725	..do..	E. H. Vollweiler .....	..do.. .....	67 50
I 726	..do..	R. W. Hess .....	..do.. .....	81 00
I 727	..do..	L. J. True .....	..do.. .....	83 33
I 728	..do..	Harold K. Rulison .....	..do.. .....	75 00
I 729	..do..	G. S. Skinner .....	..do.. .....	47 25
I 730	..do..	Chas. Redwood .....	..do.. .....	140 00
I 731	..do..	G. E. Stechert & Co. ....	Books .....	140 23
I 732	..do..	A. C. McClurg & Co. ....	..do.. .....	11 61
I 733	..do..	S. E. Dillavou .....	Machinery .....	110 40
I 734	..do..	Taylor Hardware Co. ....	General supplies .....	2 45
I 735	..do..	Bacon Brothers .....	Paints .....	6 40
I 736	..do..	John H. Doyle .....	General supplies .....	2 45
I 737	..do..	F. K. Robeson .....	Cloth .....	5 58
I 738	..do..	Twin City Ice & Cold Storage Co. ....	Ice .....	12 00
I 739	..do..	Quality Grocery .....	Barrel .....	1 00
I 740	..do..	Vaughan's Seed Store .....	Seeds .....	1 18
I 741	..do..	R. R. Root .....	Traveling expenses .....	196 33
I 742	..do..	Cunningham Bros. ....	Chemicals .....	1 05
I 743	..do..	Champaign Seed Co. ....	Seeds .....	1 25
I 744	..do..	Alexander Lumber Co. ....	Lumber .....	32 81
I 745	..do..	E. H. Sargent & Co. ....	Laboratory apparatus .....	13 68
I 746	..do..	First National Bank, John Davis .....	Books .....	3 47
I 747	..do..	James H. Green .....	Traveling expenses .....	13 23
I 748	..do..	Sargent's Handbook of Schools .....	Handbook .....	1 80
I 749	..do..	Goodspeed's Book Shop .....	Books .....	3 25
I 750	..do..	T. M. Lyons .....	Wages, July, 1915 .....	49 80
I 751	..do..	A. L. Shriver .....	..do.. .....	53 46
I 752	..do..	Harriet L. Postlewait .....	..do.. .....	50 00
I 753	..do..	E. J. Brown .....	..do.. .....	50 20
I 754	..do..	G. F. Smalley .....	..do.. .....	51 00
I 755	..do..	C. E. Null .....	..do.. .....	55 90
I 756	..do..	M. Russell Davis .....	..do.. .....	65 10
I 757	..do..	T. H. Lloyd .....	..do.. .....	37 60
I 758	..do..	Ruth I. Mussenden .....	..do.. .....	37 60
I 759	..do..	C. H. Cleverger .....	..do.. .....	32 00
I 760	..do..	Sidney S. Corney .....	..do.. .....	11 10
I 761	..do..	E. H. Doherty .....	..do.. .....	18 10
I 762	..do..	George Gungan .....	..do.. .....	42 60
I 763	..do..	Paul Leach .....	..do.. .....	54 15
I 764	..do..	John Oxman .....	..do.. .....	25 10
I 765	..do..	E. F. Murphy .....	..do.. .....	24 60
I 766	..do..	F. Z. Radell .....	..do.. .....	28 00
I 767	..do..	P. T. Troeger .....	..do.. .....	29 00
I 768	..do..	A. E. McCoy .....	..do.. .....	41 50
I 769	..do..	A. W. Harz .....	..do.. .....	48 80
I 770	..do..	W. S. Ladd .....	..do.. .....	16 00
I 771	..do..	E. S. Axline .....	..do.. .....	54 68
I 772	..do..	H. C. Eckstein .....	..do.. .....	75 00
I 773	..do..	W. F. Campbell .....	..do.. .....	38 02
I 774	..do..	H. A. Shonle .....	..do.. .....	34 75
I 775	..do..	M. E. Slater .....	..do.. .....	75 60
I 776	..do..	R. A. Nelson .....	..do.. .....	75 00
I 777	..do..	J. R. Zeisenheim .....	..do.. .....	50 00
I 778	..do..	B. J. Campbell .....	..do.. .....	16 15
I 779	..do..	W. F. Campbell .....	..do.. .....	4 05
I 780	..do..	R. F. Harvey .....	..do.. .....	13 10
I 781	..do..	Gould Morehead .....	..do.. .....	12 55
I 782	..do..	John L. Munson .....	..do.. .....	30 85
I 783	..do..	Raymond Reese .....	..do.. .....	21 30
I 784	..do..	J. Oxman .....	..do.. .....	21 92
I 785	Aug. 4	M. E. Thompson, Cashier .....	General labor .....	261 99
I 786	..do..	Tice & Lynch .....	Freight .....	6 48
I 787	..do..	The Boston Book Co. ....	Bulletins .....	5 00
I 788	..do..	W. H. Smith .....	Traveling expenses .....	9 59
I 789	..do..	F. A. Fisher .....	..do.. .....	36 75
I 790	..do..	W. R. Leighty .....	..do.. .....	16 18
I 791	..do..	E. VanAlstine .....	..do.. .....	18 48
I 792	..do..	H. J. Snider .....	..do.. .....	35 97

## INSTRUCTION VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1915			
I 793	Aug. 4	H. Fahrnkopf.....	Traveling expenses.....	\$ 13 33
I 794	do.	S. V. Holt.....	do.....	40 40
I 795	do.	John Berlin.....	Experiment field work.....	43 34
I 796	do.	R. W. Dickenson.....	Traveling expenses.....	54 60
I 797	do.	A. F. Gustafson.....	do.....	31 81
I 798	do.	H. C. Wheeler.....	do.....	44 12
I 799	do.	Olive Percival.....	Lecture.....	10 00
I 800	do.	C. S. Crandall.....	Traveling expenses.....	29 50
I 801	do.	A. J. Gunderson.....	do.....	21 74
I 802	do.	W. A. Ruth.....	do.....	10 60
I 803	do.	Ralph Chaplin.....	do.....	121 88
I 804	do.	M. E. Thompson, Cashier.....	Student labor.....	305 14
I 805	do.	M. E. Thompson, Cashier.....	Sundry bills.....	61 26
I 806	Aug. 9	S. R. Farah.....	Wages, July, 1915.....	32 00
I 807	do.	R. E. McDowell.....	do.....	17 20
I 808	do.	Sebastian Karrer.....	do.....	25 00
I 809	do.	Frank Leggett.....	do.....	20 20
I 810	do.	J. Oxman.....	do.....	10 95
I 811	do.	J. A. Domas.....	do.....	18 00
I 812	do.	K. E. Gelsendorfer.....	do.....	29 70
I 813	do.	George Gehant.....	do.....	33 00
I 814	do.	E. K. Augustus.....	do.....	70 00
I 815	do.	Fred J. Blackburn.....	do.....	27 77
I 816	do.	Lloyd R. Caldwell.....	do.....	50 00
I 817	do.	C. A. Hughes.....	do.....	22 22
I 818	do.	W. W. Wilson.....	do.....	50 00
I 819	do.	Ralph K. Hirsch.....	do.....	100 00
I 820	do.	Arthur E. Williams.....	do.....	100 00
I 821	do.	Etta Hensel.....	do.....	100 00
I 822	do.	Mrs. A. D. Horn.....	do.....	17 50
I 823	do.	Lizzie Shue.....	do.....	20 00
I 824	do.	Mrs. May Krammer.....	do.....	22 50
I 825	do.	E. R. Cady.....	do.....	43 42
I 826	do.	Bernard Harrington.....	do.....	35 10
I 827	do.	Economic Geology.....	Books.....	1 35
I 828	do.	Taylor Hardware Co.....	Hardware.....	11 60
I 829	do.	Jones & Laughlin Steel Co.....	Steel.....	11 75
I 830	do.	Champaign Steam Laundry.....	Laundry.....	2 99
I 831	do.	John Reichard.....	Grain.....	423 53
I 832	do.	Hall Hardware Co.....	General supplies.....	5 35
I 833	do.	Eisner Grocery Co.....	do.....	10 18
I 834	do.	Bausch & Lomb Optical Co.....	Repair work.....	17 53
I 835	do.	Eimer & Amend.....	Chemicals.....	197 83
I 836	do.	Conner & Quayle.....	Horseshoes.....	21 75
I 837	do.	Chester Horseshoeing Shop.....	do.....	11 00
I 838	do.	E. A. Eichhorst.....	Harness.....	14 70
I 839	do.	C. C. Ferguson.....	Horseshoes.....	37 25
I 840	do.	American Duroc Association.....	Incidentals.....	5 50
I 841	do.	A. C. McClurg & Co.....	Books.....	1 88
I 842	do.	Ernst Hertzberg & Sons.....	do.....	118 14
I 843	do.	G. E. Stechert & Co.....	do.....	31 35
I 844	do.	L. C. Smith & Bros.....	Typewriter.....	70 00
I 845	do.	Goodspeed's Book Shop.....	Books.....	6 50
I 846	do.	John R. Anderson Co.....	do.....	2 36
I 847	do.	Philadelphia Book Co.....	do.....	1 15
I 848	do.	H. H. Stoek.....	Traveling expenses.....	7 65
I 849	do.	Alex. Harmon & Son.....	Horseshoeing.....	17 97
I 850	do.	Library Bureau.....	Books.....	27 50
I 851	do.	Scovill Mfg. Co.....	Brass wire.....	15 49
I 852	do.	H. Swannell & Son.....	Insect powder.....	6 50
I 853	do.	A. W. Corkery.....	Services.....	5 00
I 854	do.	John McCullough.....	Live stock.....	160 00
I 855	do.	Champaign Seed Co.....	Seeds.....	5 00
I 856	do.	F. M. Leslie.....	Chemicals.....	6 65
I 857	do.	Inland Supply Co.....	Repair to pump.....	14 00
I 858	do.	The Cooper Hewitt Electric Co.....	Electrical supplies.....	22 50
I 859	do.	Twin City Ice & Cold Storage Co.....	Ice.....	25 00
I 860	do.	The Defiance Pressed Steel Co.....	Milk cases.....	33 00
I 861	do.	National Carton Co.....	Butter cartons.....	176 62
I 862	do.	Hazel Atlas Glass Co.....	Laboratory utensils.....	22 20
I 863	do.	The Tablet & Ticket Co.....	Office supplies.....	6 98
I 864	do.	The Fox River Butter Co.....	Cartons.....	2 88
I 865	do.	B. A. Strauch.....	Prints.....	1 00
I 866	do.	Jackson Brothers.....	General supplies.....	3 85
I 867	do.	Active Motion Picture Co.....	Prints.....	324 12
I 868	do.	The Electrical Alloy Co.....	Wire.....	2 09
I 869	do.	Swift & Co.....	Acid phosphate.....	15 00
I 870	do.	Urbana Harness Co.....	Harness.....	61 65

## INSTRUCTION VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1915			
I 871	Aug. 9	Scientific Materials Co.	Meker burners.	\$ 30 30
I 872	do.	Wm. Gaertner & Co.	Tripods.	16 80
I 873	do.	The Albert Dickinson Co.	Seeds.	92 54
I 874	do.	A. W. Gray's Sons	Thresher.	185 25
I 875	do.	Sears, Roebuck & Co.	Machinery.	148 80
I 876	do.	Champaign Steam Laundry	Laundry.	58 43
I 877	do.	Ward's Natural Science Establishment.	Nets and pins.	30 50
I 878	do.	The Russell & Co.	Canvas covers	50 40
I 879	do.	William P. Stark Nurseries.	Trees.	1 50
I 880	do.	Marshall Field & Co.	Stand and ladle	1 00
I 881	do.	Shultz Seed Co.	Clover	23 00
I 882	do.	G. R. Grubb & Co.	Zinc etchings.	12 15
I 883	do.	Belle City Mfg. Co.	Zinc screens	2 25
I 884	do.	B. C. Knodle.	Machinery.	19 30
I 885	do.	Shapleigh Hardware Co.	Hardware	12 28
I 886	do.	Chester Transfer Co.	Drayage	19 00
I 887	do.	N. C. Stahl.	Repairs.	32 00
I 888	do.	International Press Clipping Bureau	Press clipping	5 00
I 889	do.	J. Lunell	Herb specimens	11 30
I 890	do.	Charles A. Campbell	Traveling expenses.	50 88
I 891	do.	George W. Medley	Field work.	25 55
I 892	do.	A. A. Dartt.	do.	39 98
I 893	do.	Ed. K. Green.	do.	50 85
I 894	do.	J. B. Marshall.	do.	134 88
I 895	do.	F. A. C. Smith	Traveling expenses.	5 86
I 896	do.	R. R. Root.	do.	41 71
I 897	do.	William Aten.	Field work.	49 16
I 898	do.	Albert Tate.	do.	54 41
I 899	do.	Frank Morgan	do.	49 25
I 900	do.	Theodore Holm.	Museum specimens.	35 00
I 901	do.	Dulau & Co.	Books	5 42
I 902	do.	Wm. Reeves.	do.	1 00
I 903	do.	Ralph M. Parks.	Orchestra.	42 00
I 904	do.	Gustav Pock.	Books	9 69
I 905	do.	Oswald Weigel.	do.	15 08
I 906	do.	Karl W. Hiersemann.	do.	2 30
I 907	do.	George Harding.	do.	12 49
I 908	do.	Bernard Quaritch.	do.	38 66
I 909	do.	Martinus Nijhoff.	do.	12 13
I 910	do.	Gius. Laterza & Figli.	do.	4 65
I 911	do.	Associated Arch Printing & Supply Co.	Black prints.	3 36
I 912	do.	T. Schweitzer Sortiment.	Books	9 67
I 913	do.	Hunter Rourke & Co.	General supplies.	1 35
I 914	do.	Boston Gear Work.	Gear gauge.	1 50
I 915	do.	S. E. Dillavou.	Gasoline tank.	3 00
I 916	do.	E. P. Reichhelm & Co.	General supplies.	102 90
I 917	do.	Bacon Brothers.	Paint.	10 00
I 918	do.	J. H. Williams & Co.	Service clamps.	21 06
I 919	Aug. 10	Schmutz Universal Ball Vise Co.	Ball vise	18 00
I 920	do.	D. H. Lloyd.	Manual.	6 75
I 921	do.	The Lawyers Co-operative Publishing Co.	Reports.	2 50
I 922	do.	Twin City Ice & Cold Storage Co.	Ice.	4 00
I 923	do.	Champaign Steam Laundry.	Laundry.	3 60
I 924	do.	Architectural Book Publishing Co.	Books	4 05
I 925	do.	F. M. Foltz.	Shoes.	11 00
I 926	do.	The Carswell Co.	Books	17 87
I 927	do.	T. H. Flood & Co.	do.	31 23
I 928	do.	Gustav Pock.	do.	48 25
I 929	do.	Pay roll.	August, 1915.	53,320 58
		Davenport, Eugene.	Salary, 1915.	\$500 00
		Checkley, J. H.	do.	100 00
		Jamison, A. W.	do.	166 74
		Miller, W. P.	do.	50 00
		Nolan, A. W.	do.	200 00
		Rankin, F. H.	do.	291 74
		Greene, J. H.	do.	50 00
		Allyn, Orr.	do.	100 00
		Aumer, J. P.	do.	150 00
		Bauer, F. C.	do.	150 00
		Brunson, A. M.	do.	83 37
		Burlison, W. L.	do.	116 74
		Clevenger, C. B.	do.	83 37
		Dickenson, R. W.	do.	100 00
		Dickerson, I. W.	do.	150 00
		Ebersol, E. T.	do.	50 00
		Eckblaw, K. J. T.	do.	150 00
		Ellis, O. I.	do.	83 37
		Fahrnkopf, H. F. T.	do.	83 37

## INSTRUCTION VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
I 929	1915 Aug. 10	Fisher, F. A.	Salary	\$116 74
Ctd.		Garrett, F. W.	do	116 74
		Gentle, G. E.	do	83 37
		Gernert, W. B.	do	150 00
		Gilkerson, H. C.	do	83 37
		Gustafson, A. F.	do	175 00
		Holt, S. V.	do	150 00
		Hopkins, C. G.	do	416 74
		Jahr, M. E.	do	133 37
		Leighty, W. R.	do	116 74
		Hoskins, E. E.	do	150 00
		Moster, J. G.	do	291 74
		Newell, C. R.	do	100 00
		Niederman, Gertrude.	do	100 00
		Sachs, W. H.	do	150 00
		Schoonover, W. R.	do	83 37
		Smith, L. H.	do	291 74
		Snider, H. J.	do	83 37
		Torgenson, E. F.	do	70 00
		VanAlstine, E.	do	175 00
		Walworth, E. H.	do	83 37
		Wascher, F. M. W.	do	116 74
		deWert, H. A.	do	70 00
		Wheeler, H. C.	do	150 00
		Whiting, A. L.	do	150 00
		Reed, C. O.	do	116 74
		Andrews, J. B.	do	100 00
		Barto, D. O.	do	200 00
		Baumgartner, H. C.	do	70 00
		Bull, Sleetor.	do	150 00
		Carmichael, W. J.	do	116 74
		Detlefsen, J. A.	do	200 00
		Edmonds, J. L.	do	208 37
		Grindley, H. S.	do	291 74
		Harper, Claude.	do	83 37
		Joseph, W. E.	do	150 00
		Keith, Mary H.	do	108 37
		Mumford, H. W.	do	416 74
		Newlin, C. I.	do	108 37
		Roberts, Elmer.	do	100 00
		Rusk, H. P.	do	208 37
		Shiner, R. T.	do	70 00
		Smith, W. H.	do	141 74
		Whisenand, J. W.	do	41 74
		Wilcox, R. H.	do	83 37
		Yoke, J. J.	do	50 00
		Coffey, W. C.	do	266 74
		Handschin, W. F.	do	62 50
		Allen, P. W.	do	66 74
		Brand, R. E.	do	175 00
		Crandall, W. T.	do	150 00
		Fraser, W. J.	do	291 74
		Harding, H. A.	do	416 74
		Hulce, R. S.	do	133 37
		Keller, O. A.	do	100 00
		Lang, L. R.	do	175 00
		Neuens, W. B.	do	75 00
		Ruehe, H. A.	do	141 74
		Hepburn, N. W.	do	208 37
		Turner, Frank.	do	75 00
		Weeter, H. M.	do	83 37
		Yapp, W. W.	do	100 00
		Allison, I. D.	do	150 00
		Aust, F. A.	do	116 74
		Blaney, H. W.	do	116 74
		Brown, H. D.	do	70 00
		Blair, J. C.	do	416 74
		Bole, S. J.	do	150 00
		Colby, A. S.	do	60 00
		Dorner, H. B.	do	250 00
		Durst, C. E.	do	150 00
		Evans, F. N.	do	150 00
		Englis, D. T.	do	60 00
		Gardner, J. J.	do	166 74
		Gunderson, A. J.	do	116 74
		Hecht, August.	do	70 00
		Hutchinson, James.	do	100 00
		Lloyd, J. W.	do	291 74

## INSTRUCTION VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
I 929 Ctd.	1915 Aug. 10	Miller, Wilhelm.....	Salary.....	\$250 00
		Miles, L. E.....	do.....	41 74
		Muncie, F. W.....	do.....	100 00
		Pettier, G. L.....	do.....	133 37
		Pickett, B. S.....	do.....	250 00
		Rees, C. C.....	do.....	50 00
		Robinson, C. M.....	do.....	100 00
		Root, R. R.....	do.....	208 37
		Ruth, W. A.....	do.....	150 00
		Smith, F. A. C.....	do.....	125 00
		Watkins, O. S.....	do.....	175 00
		Van Kleek, J. R.....	do.....	83 37
		Deal, Edwin.....	do.....	41 74
		Bevier, Isabel.....	do.....	250 00
		Bunch, Mamie.....	do.....	83 37
		Goldthwaite, Nellie.....	do.....	208 37
		Fleming, Georgia.....	do.....	100 00
		Gray, Greta E.....	do.....	116 74
		Harrison, Florence.....	do.....	108 37
		Parsons, Maude.....	do.....	116 74
		Seymour, Lurene.....	do.....	125 00
		Stanton, Margaret.....	do.....	150 00
		Stevens, Grace.....	do.....	116 74
		Wheeler, Ruth.....	do.....	108 37
		Williams, Anna.....	do.....	141 74
		McIntosh, Donald.....	do.....	100 00
		Ash, Percy.....	do.....	208 37
		Clark, C. R.....	do.....	208 37
		Provine, L. H.....	do.....	166 74
		Ricker, N. C.....	do.....	291 74
		Titcomb, W. C.....	do.....	291 74
		Wells, N. A.....	do.....	175 00
		Fehrenkamp, Winifred.....	do.....	208 37
		Baker, I. O.....	do.....	83 37
		Rowling, B. L.....	do.....	333 37
		Garver, N. B.....	do.....	83 37
		McDaniel, A. B.....	do.....	141 74
		Smith, J. E.....	do.....	229 24
		Wiley, C. C.....	do.....	150 00
		Wilson, W. M.....	do.....	141 74
		Newell, F. H.....	do.....	183 37
		Biegler, P. S.....	do.....	416 66
		Brooks, Morgan.....	do.....	166 74
		Fisk, I. W.....	do.....	250 00
		James, L. V.....	do.....	133 37
		Faine, E. B.....	do.....	133 37
		Waldo, E. H.....	do.....	250 00
		Miller, H. W.....	do.....	166 74
		Porter, F. M.....	do.....	250 00
		Steward, R. K.....	do.....	183 37
		Dent, J. A.....	do.....	125 00
		Benedict, B. W.....	do.....	141 74
		Frisk, J. A.....	do.....	291 74
		Goodenough, G. A.....	do.....	150 00
		Harding, L. A.....	do.....	191 74
		Leutwiler, O. A.....	do.....	291 74
		Richards, C. R.....	do.....	241 74
		Willard, A. C.....	do.....	279 24
		Andros, S. O.....	do.....	291 74
		Stoek, H. H.....	do.....	291 74
		Engel, H. J.....	do.....	208 37
		Fleming, V. R.....	do.....	416 74
		Talbot, A. N.....	do.....	157 50
		Carman, A. P.....	do.....	150 00
		Krupp, C. T.....	do.....	416 74
		Kunz, Jacob.....	do.....	223 37
		Stallitz, W. S.....	do.....	208 37
		Williams, E. H.....	do.....	183 37
		Watson, F. R.....	do.....	141 74
		Buck, A. M.....	do.....	229 24
		Constock, A. F.....	do.....	150 00
		Schmidt, E. C.....	do.....	166 74
		Snodgrass, J. M.....	do.....	333 37
		Decker, E. H.....	do.....	183 37
		Green, Frederick.....	do.....	291 74
		Barker, O. A.....	do.....	291 74
			do.....	333 37

## INSTRUCTION VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
I 929 Ctd.	1915 Aug. 10	Hale, W. G. ....	Salary .....	\$291 74
		Pomeroy, J. N. ....	do .....	258 37
		Vernier, C. G. ....	do .....	291 74
		Carpenter, C. E. ....	do .....	208 37
		Babcock, K. C. ....	do .....	416 74
		Lake, E. J. ....	do .....	187 50
		Stebbins, Joel .....	do .....	291 74
		Hottes, C. F. ....	do .....	250 00
		Stevens, F. L. ....	do .....	333 37
		Trelease, William .....	do .....	416 74
		Stull, R. T. ....	do .....	250 00
		Balke, C. W. ....	do .....	250 00
		Derick, C. G. ....	do .....	166 74
		Noyes, W. A. ....	do .....	416 74
		Parr, S. W. ....	do .....	333 37
		Smith, G. M. ....	do .....	166 74
		Washburn, E. W. ....	do .....	291 74
		Weber, H. C. P. ....	do .....	166 74
		Beal, G. D. ....	do .....	125 00
		Hopkins, F. S. ....	do .....	125 00
		MacInnes, D. A. ....	do .....	125 00
		Barton, H. J. ....	do .....	291 74
		Canter, H. V. ....	do .....	208 37
		Moss, C. M. ....	do .....	250 00
		Oldfather, W. A. ....	do .....	250 00
		Pease, A. S. ....	do .....	250 00
		Bagley, W. C. ....	do .....	416 74
		Coffman, L. D. ....	do .....	291 74
		Johnston, C. H. ....	do .....	291 74
		Miller, W. S. ....	do .....	150 00
		Whipple, G. M. ....	do .....	229 24
		Baldwin, E. C. ....	do .....	175 00
		Clark, T. A. ....	do .....	83 37
		Dodge, D. K. ....	do .....	270 87
		Fulton, Edward .....	do .....	175 00
		Jones, H. S. V. ....	do .....	183 37
		Paul, H. G. ....	do .....	208 37
		Scott, F. W. ....	do .....	200 00
		Sherman, S. P. ....	do .....	308 37
		Woolbert, C. H. ....	do .....	166 74
		Zeitlin, Jacob .....	do .....	141 74
		Creek, H. L. ....	do .....	125 00
		Boyer, C. V. ....	do .....	141 74
		Schoeppele, Gertrude .....	do .....	116 74
		Folsom, J. W. ....	do .....	208 37
		Forbes, S. A. ....	do .....	83 37
		MacGillivray, A. D. ....	do .....	250 00
		Bayley, W. S. ....	do .....	250 00
		Rolfe, C. W. ....	do .....	250 00
		Savage, T. E. ....	do .....	208 37
		Brooks, N. C. ....	do .....	208 37
		Flom, G. T. ....	do .....	233 37
		Goebel, Julius .....	do .....	312 50
		Lessing, O. E. ....	do .....	291 74
		Bloomfield, Leonard .....	do .....	166 74
		Alvord, C. W. ....	do .....	145 87
		Greene, E. B. ....	do .....	416 74
		Larson, L. M. ....	do .....	250 00
		Lybyer, A. H. ....	do .....	233 37
		Robertson, W. S. ....	do .....	208 37
		Jones, P. V. B. ....	do .....	150 00
		Pease, T. C. ....	do .....	125 00
		Borger, R. L. ....	do .....	125 00
		Crathorne, A. R. ....	do .....	166 74
		Emch, Arnold .....	do .....	187 50
		Lytile, E. B. ....	do .....	150 00
		Miller, G. A. ....	do .....	291 74
		Rietz, H. L. ....	do .....	158 37
		Shaw, J. B. ....	do .....	229 24
		Sisam, C. H. ....	do .....	183 37
		Townsend, E. J. ....	do .....	333 37
		Wahlin, G. E. ....	do .....	116 74
		Burge, W. E. ....	do .....	191 74
		Bode, B. H. ....	do .....	291 74
		Daniels, A. H. ....	do .....	333 37
		Garner, J. W. ....	do .....	333 37
		Mathews, J. M. ....	do .....	150 00



## INSTRUCTION VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
I 929	1915 Aug. 10	Bentley, Madison	Salary	\$270 87
Cld.		Carnahan, D. H.	do	225 00
		Fitz-Gerald, J. D. II.	do	225 00
		Oliver, T. E.	do	250 00
		Seymour, A. R.	do	166 74
		Blondheim, D. S.	do	166 74
		Hayes, E. C.	do	275 00
		Kingsley, J. S.	do	291 74
		Smith, Frank	do	250 00
		Ward, H. B.	do	416 74
		Zeleny, Charles.	do	250 00
		Shelford, V. E.	do	166 74
		Bogart, E. L.	do	291 74
		Dewsnup, E. R.	do	250 00
		Litman, Simon.	do	208 37
		Robinson, M. H.	do	125 00
		Weston, N. A.	do	250 00
		Hieronymus, R. E.	do	250 00
		Heilman, R. E.	do	216 74
		Thompson, C. M.	do	191 74
		Bond, Ethel	do	83 37
		Curtis, Florence	do	133 37
		Reece, E. J.	do	133 37
		Simpson, Frances	do	166 74
		Schwartz, G. F.	do	133 37
		Smith, Constance Barlow	do	166 74
		Erb, J. L.	do	250 00
		Day, W. B.	do	208 37
		Snow, C. M.	do	150 00
		Gathercoal, E. N.	do	108 37
		Elcher, B. L.	do	83 37
		Colson, H. W.	do	83 37
		Fantus, Bernard	do	16 74
		Lynn, E. V.	do	150 00
I 930	do.	M. E. Thompson, Cashier	Labor bills	\$ 398 16
I 931	do.	M. E. Thompson, Cashier	Student labor	259 14
I 932	do.	Charles Mulford Robinson	Traveling expenses	6 34
I 933	do.	Frank Turner	do	8 75
I 934	do.	George W. Matheny	Field work	44 07
I 935	do.	A. L. Moats	do	30 25
I 936	do.	Alfred Bergren	do	67 00
I 937	do.	D. H. Lloyd	Rent on pianos	25 00
I 938	do.	Southern Illinois Penitentiary	Lime stone dust	6 68
I 939	do.	Associated Architects Printing & Supply Co.	Printing	37 05
I 940	do.	G. R. Grubb & Co.	Etchings	2 95
I 941	do.	Mark Small	Wages, July, 1915	65 00
I 942	do.	J. W. Rhinesmith	do	45 83
I 943	do.	Ida Luther	do	24 25
I 944	do.	R. B. Ordenez	do	90 00
I 945	do.	V. S. Day	do	69 00
I 946	do.	Earl Carver	do	46 20
I 947	do.	H. W. Hollard	do	12 00
I 948	do.	Pay roll	August, 1915	3,836 30
		Powell, B. E.	Salary	\$191 74
		Wheeler, H. H.	do	70 00
		Hamilton, Mrs. Alice V.	do	100 00
		Jay, Edith L.	do	50 00
		Custer, Emma L.	do	75 00
		Davis, Vera	do	50 00
		McIntire W. A.	do	50 00
		Manley, Verna	do	50 00
		Miller, Mary	do	70 00
		Nagle, Sybil	do	50 00
		Vaubel, Daniel	do	60 00
		Beadles, Jessie	do	65 00
		Bowen, Evalena	do	65 00
		Halliday, Mable	do	22 90
		Riggs, Bess	do	45 00
		Taft, Martha E.	do	65 00
		Grabbe, Florence	do	65 00
		Hayward, Nellie	do	70 00
		Peters, Helen A.	do	65 00
		Buckles, Mildred	do	65 00
		Cover, Hazel	do	60 00
		Harper, Julia	do	65 00
		Lahr, L. D.	do	50 00
		Packard, Bessie	do	75 00

## INSTRUCTION VOUCHERS—Continued.

No.	Date	To whom.	For what.	Amount.
I 948	1915 Aug. 10	Gordon, Marie	Salary	\$ 55 00
I Cld.		Heater, Myrtle	.do	60 00
		Manspeaker, L. Mae	.do	83 33
		Slater, Sara M.	.do	60 00
		Ross, Anna	.do	50 00
		Leitz, Louise	.do	40 00
		Glenn, Eleanor	.do	50 00
		Goodspeed, W. S.	.do	90 00
		Alley, W. E.	.do	100 00
		Ellis, E. R.	.do	50 00
		Lomous, J. O.	.do	90 00
		Postlewaite, Harriett	.do	60 00
		Winchester, Ben. L.	.do	50 00
		Nyberg, Florence	.do	50 00
		Vanderbeek, H. J.	.do	65 00
		Pergande, Robert	.do	95 00
		Buchanan, Harold C.	.do	70 00
		Hayes, Bert	.do	95 00
		Rogers, Della M.	.do	40 00
		Wyninger, H. T.	.do	60 00
		Ressler, Milton	.do	80 00
		States, Bertha	.do	50 00
		Griffith, Mabel	.do	70 00
		McGurty, Agnes	.do	83 33
		Fleg, Robert	.do	50 00
		Crawford, C. C.	.do	65 00
		Dalton, C. E.	.do	50 00
		Hull, A. H.	.do	65 00
		Miller, C. F.	.do	90 00
		Peel, Thomas	.do	60 00
		Scott, Bertha	.do	50 00
		Smith, Mayme L.	.do	65 00
		Merchant, Donna	.do	50 00
		Garwood, Frances	.do	50 00
		Brownfield, Lelah	.do	50 00
I 949	Aug. 12	The Lawyers Co-operative Publishing Co.	Reports	\$ 5 00
I 950	.do	B. Login & Son	Books	97 50
I 951	.do	Chicago Addressing Co.	Addressing	10 75
I 952	.do	Western Educational Advertising Agency	Advertising	26 30
I 953	.do	Williams & Wilkins Co.	Journals	19 00
I 954	.do	Chicago Telephone Co.	Telephone	44 00
I 955	.do	The Stenotype Co.	Stand.	5 00
I 956	.do	Wood Hospital Supply Co.	Formaldehyde	20 00
I 957	.do	F. G. Hartwell Co.	Coal	104 35
I 958	.do	V. Mueller & Co.	Films	3 00
I 959	.do	Aaron Peters Laboratories	Paper towels	12 00
I 960	.do	James H. Greene	Traveling expenses	4 30
I 961	.do	J. H. Checkley	.do	4 35
I 962	.do	J. G. Mosier	.do	16 04
I 963	.do	W. B. Day	Petty expenses	114 91
I 964	.do	H. J. Snider	Traveling expenses	51 72
I 965	.do	Lorretto K. White	.do	8 45
I 966	.do	H. K. Rulison	.do	11 29
I 967	.do	F. W. Wascher	.do	111 90
I 968	.do	C. L. Frame Dental Supply Co.	Dental supplies	38 66
I 969	.do	The Globe-Wernicke Co.	Office equipment	33 04
I 970	.do	Arthur Ochs	Rabbits, rats	57 00
I 971	.do	The Book Shop Bindery	Binding	86 10
I 972	.do	A. Kroch & Co.	Books	159 28
I 973	Aug. 13	V. Mueller & Co.	Medical supplies	49 60
I 974	.do	Heath & Milligan Mfg. Co.	Laboratory supplies	5 20
I 975	.do	Physicians' Supply Drug Co.	Medical supplies	2 94
I 976	.do	Fuller Morrisson Co.	.do	57 54
I 977	.do	A. C. McClurg & Co.	Office supplies	3 19
I 978	.do	Bradner Smith & Co.	.do	24 92
I 979	.do	Eimer & Amend	Laboratory supplies	94 55
I 980	.do	Ahrens & Schreiner	Animal feed	6 75
I 981	.do	Maas Brothers	General supplies	4 75
I 982	.do	E. E. Hoskins	Traveling expense	76 42
I 983	.do	F. A. Fisher	.do	35 05
I 984	.do	J. J. Reinhart	.do	8 70
I 985	.do	F. A. Pearson	.do	5 53
I 986	.do	H. C. Wheeler	.do	43 84
I 987	.do	Harms & Scheuber	Animal feed	5 00
I 988	.do	W. D. Allen Mfg. Co.	General supplies	4 30
I 989	.do	Barron Bros. Coal Co.	Animal feed	2 57
I 990	.do	Standard Oil Co.	Oil	20 71
I 991	.do	The American Oak Leather Co.	Sole leather	7 50

## INSTRUCTION VOUCHERS—Continued.

No.	Date.	To whom	For what.	Amount.
	1915			
I 992	Aug. 13	Swift & Co.	Beef hearts	\$ 3 50
I 993	..do..	The R. D. Swisher Mfg. Co.	Office supplies	2 60
I 994	..do..	Advance Packing & Supply Co.	Packing	6 38
I 995	..do..	The Western Electric Co.	Transformers	2 80
I 996	..do..	Jewell Belting Co.	Machine supplies	7 94
I 997	..do..	H. K. Mulford Co.	Morphine, sulphur	14 17
I 998	..do..	Ernst Leitz	Shaking apparatus	27 00
I 999	..do..	Marshall Field & Co.	Shades	2 85
I 1000	..do..	R. W. Dickenson	Traveling expenses	37 27
I 1001	..do..	C. C. Logan	..do.	29 42
I 1002	..do..	C. E. Burkhart	Experiment station work	10 85
I 1003	..do..	Neoga Telephone Co.	Telephone	2 83
I 1004	..do..	W. B. Castenholz, Comptroller	July, labor and material	24 12
I 1005	..do..	O. S. Watkins	Traveling expenses	32 18
I 1006	Aug. 14	M. E. Thompson, Cashier	Sundry and student bills	188 08
I 1007	..do..	M. E. Thompson, Cashier	General labor	169 53
I 1008	..do..	M. E. Thompson, Cashier	Express bills	51 66
I 1009	..do..	Jacob Kaplan	Wages, July, 1915	100 00
I 1010	..do..	R. R. Donnelley & Sons Co.	Half tones	4 00
I 1011	..do..	E. H. Sargent & Co.	Chemicals	42 50
I 1012	..do..	H. Marshall	Laboratory apparatus	15 25
I 1013	..do..	G. R. Grubb & Co.	Type proof	3 50
I 1014	..do..	Billings & Spencer Co.	Tools	28 64
I 1015	..do..	Thwing Instrument Co.	Recalibrating instrument	10 00
I 1016	..do..	The Parker-Russell Mining & Mfg. Co.	Jute sacks	15 00
I 1017	..do..	Woldenberg & Schaar	Tripods	206 70
I 1018	..do..	O. C. Jones	Live dogs	6 65
I 1019	..do..	D. H. Lloyd	Sealing wax	3 40
I 1020	..do..	H. J. Snider	Traveling expenses	28 97
I 1021	..do..	S. V. Holt	..do.	37 56
I 1022	..do..	Harrison Fahrnkopf	..do.	51 37
I 1023	..do..	H. F. Rusk	..do.	14 96
I 1024	..do..	Wm. Fliege	..do.	42 00
I 1025	..do..	P. D. Long	..do.	63 75
I 1026	Aug. 16	Taylor Hardware Co.	Field work	15 20
I 1027	..do..	D. T. Dobbins	General supplies	4 86
I 1028	..do..	F. K. Robeson	Grinding corn	72 61
I 1029	..do..	Twin City Roofing Co.	Sacks and towels	165 25
I 1030	..do..	W. T. Crandall	Repairing work	11 25
I 1031	..do..	Johnson Brothers	Traveling expenses	3 50
I 1032	..do..	Oldham Brothers	Repairing burners	1 00
I 1033	..do..	Stock Yards Harness & Saddlery Co.	Liniment	140 00
I 1034	..do..	Machinist Supply Co.	Harness	8 61
I 1035	..do..	Twin City Printing Co.	Dies and drills	59 71
I 1036	..do..	P. S. Campbell	Office equipment	3 75
I 1037	..do..	Eimer & Amend	Printing	100 13
I 1038	..do..	J. B. Lyon Co.	Furnace	3 50
I 1039	..do..	S. W. Card Mfg. Co.	Postal guide	1 21
I 1040	..do..	Harry Herrick	Dies	1 00
I 1041	..do..	Fred C. Hubbard	Eye protectors	13 80
I 1042	..do..	Eisner Grocery Co.	Food stuffs	72 83
I 1043	..do..	The Black Diamond Co.	Year book	5 00
I 1044	..do..	The Kentucky Tobacco Product Co.	Nico-fume	49 50
I 1045	..do..	Whitall Tatum Co.	Laboratory supplies	46 52
I 1046	..do..	D. H. Lloyd	Films	3 25
I 1047	..do..	S. E. Dillavou	Hay	180 00
I 1048	..do..	L. C. Smith & Bros.	Typewriter platen	2 00
I 1049	..do..	Chicago Live Stock World	Journals	3 60
I 1050	..do..	Champaign Seed Co.	Middlings and bone meal	41 50
I 1051	..do..	Morris & Co.	Dig tank	90 00
I 1052	..do..	Urbana Harness Co.	Outer tires	29 60
I 1053	..do..	The Burr Co.	Spray	23 40
I 1054	..do..	F. W. Washcher	Traveling expenses	38 35
I 1055	..do..	C. B. Price	..do.	32 89
I 1056	..do..	C. F. Goodman	..do.	45 72
I 1057	..do..	Chas. A. Campbell	..do.	91 79
I 1058	..do..	William H. Browne	Petty expenses	160 46
I 1059	..do..	Twin City Roofing Co.	Troughs	22 00
I 1060	Aug. 18	Pay roll	August, 1915	1,368 33
		Arneson, Mabel	Salary	\$ 75 00
		Browne, W. H.	..do.	250 00
		Cole, H. W.	..do.	100 00
		Froberg, Eric	..do.	75 00
		Tomlinson, J. S.	..do.	125 00
		Helomann, Louis	..do.	60 00
		Watson, Ethel	..do.	50 00
		Fletcher, E. C.	..do.	100 00
		Allen, Josephine	..do.	55 00

## INSTRUCTION VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
I 1060	1915 Aug. 18	David, Eschoo	Salary	\$55 00
Cld.		Loomis, Metta	do	83 33
		Hoy, Anne	do	60 00
		Seaberg, Elin M.	do	60 00
		David, Paul	do	60 00
		Gubbins, Maude	do	60 00
		Tomek, Gertrude	do	60 00
		Moorehead, Mary	do	40 00
I 1061	do	Hubert Rehlfeld	Wages, August, 1915	\$ 40 00
I 1062	do	John T. Blackwell	do	60 00
I 1063	do	Edwin J. Johns	do	45 00
I 1064	do	Jacob Solomon	do	50 00
I 1065	do	Joseph Klena	do	60 00
I 1066	do	Harry Schultz	do	35 00
I 1067	do	Simon David	do	50 00
I 1068	do	Eliz George	do	50 00
I 1069	do	Kastanos, John	do	55 00
I 1070	do	Johann Becker	do	50 00
I 1071	do	William Kerechan	do	50 00
I 1072	do	Peter Drennan	do	80 00
I 1073	do	J. T. Newsome	Wages, July 1, 28, 1915	72 00
I 1074	do	F. C. Newsome	do	72 00
I 1075	do	T. V. Newsome	do	72 00
I 1076	do	C. C. Chapman	Wages, August, 1915	100 00
I 1077	do	Andrew Tornquist	do	75 00
I 1078	do	Alice Reed	do	60 00
I 1079	do	J. R. Kelley	do	65 00
I 1080	do	E. B. Brown	do	50 00
I 1081	do	H. D. McQueen	do	55 00
I 1082	do	Will Patterson	do	50 00
I 1083	do	M. F. Stivers	do	50 00
I 1084	do	W. M. Woods	do	50 00
I 1085	do	Dan Whitley	do	45 00
I 1086	do	Chas. A. Campbell	do	65 00
I 1087	do	M. D. Rose	do	55 00
I 1088	do	Mary B. McMillen	do	50 00
I 1089	do	B. H. Dunlap	do	70 00
I 1090	do	L. A. Hunter	do	80 00
I 1091	do	Emma Rohweder	do	45 00
I 1092	do	Pay roll	August, 1915	4,455 28
		Ecyleshmyer, A. C.	Salary	\$416 74
		Jones, T. S.	do	83 37
		Moodie, R. L.	do	125 00
		Welker, W. H.	do	229 24
		Dreyer, G. P.	do	375 11
		Smith, C. S.	do	166 74
		Tracy, Grover	do	83 37
		Boelio, Louis	do	80 00
		Kramer, Morris	do	55 00
		Burnmeister, W. H.	do	166 74
		Boughton, T. H.	do	150 00
		Davis, J. J.	do	416 74
		Falls, F. H.	do	83 37
		Fantas, Bernard	do	166 74
		Gardner, Stella	do	83 37
		Lincoln, Mary	do	50 00
		Moore, J. J.	do	150 00
		Weedon, Amy G.	do	60 00
		Shackles, A. O.	do	166 74
		Hiskey, George M.	do	45 00
		Gaffney, Carl	do	70 00
		Krudwig, Edna	do	40 00
		Bake, L. E.	do	66 74
		Cooledge, E. D.	do	83 37
		Dittmar, G. W.	do	83 37
		Gallie, D. M.	do	83 37
		McGuire, J. C.	do	150 00
		Moorehead, F. B.	do	250 03
		Kaplan, Jacob	do	100 00
		Noyes, F. B.	do	125 00
		Schultz, Louis	do	33 37
		Starr, S. P.	do	66 74
		Thomas, N. G.	do	50 00
		Krejci, E. J.	do	100 00
I 1093	do	O. M. McGhee	Wages, August, 1915	60 00
I 1094	do	F. C. Richey	do	60 00
I 1095	do	T. R. Shively	do	60 00
I 1096	do	Robert W. Stark	do	100 00

## INSTRUCTION VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1915			
I 1097	Aug. 18	Howard G. Osborne.	Wages, August, 1915.	\$ 60 00
I 1098	do.	Emmett C. Lee.	do.	60 00
I 1099	do.	W. L. Bennett.	do.	75 00
I 1100	do.	F. A. Wyatt.	do.	100 00
I 1101	do.	J. C. Anderson.	do.	70 00
I 1102	do.	G. S. Beaumont.	do.	65 00
I 1103	do.	R. S. Dunham.	do.	60 00
I 1104	do.	E. E. Glick.	do.	52 50
I 1105	do.	C. T. Hufford.	do.	50 00
I 1106	do.	K. W. Parkinson.	do.	45 00
I 1107	do.	E. J. Pilchard.	do.	45 00
I 1108	do.	B. H. Questel.	do.	45 00
I 1109	do.	G. L. Rigg.	do.	52 50
I 1110	do.	J. F. Romine.	do.	55 00
I 1111	do.	Douglas Wright, Jr.	do.	50 00
I 1112	Aug. 19	R. E. Hieronymus.	Traveling expenses.	29 92
I 1113	do.	W. W. Yapp.	do.	10 81
I 1114	do.	C. M. McGhee.	do.	23 20
I 1115	do.	J. E. Whitechurch.	do.	83 68
I 1116	do.	J. T. Newsome.	do.	57 08
I 1117	do.	Machinist Supply Co.	Vises and anvil.	43 54
I 1118	do.	Metzler & Schafer Co.	Food stuffs.	27 07
I 1119	do.	Champaign Steam Laundry.	Laundry.	39 81
I 1120	do.	Chester Horseshoeing Shop.	Horseshoes.	10 50
I 1121	do.	E. H. Sargent & Co.	Laboratory supplies.	148 55
I 1122	do.	G. C. Willis.	Oilcloth and muslin.	3 20
I 1123	do.	A. F. Gustafson.	Traveling expenses.	16 08
I 1124	do.	Calumet Laundry Co.	Laundry.	64 48
I 1125	do.	H. C. Lawson.	Traveling expenses.	13 90
I 1126	do.	R. W. Braithwaite.	Services.	6 00
I 1127	do.	Albert Pick & Co.	General supplies.	90 03
I 1128	do.	Couch & Heyle.	Saw frames.	2 00
I 1129	do.	Physicians' Supply & Drug Co.	Phosphorus acid.	1 48
I 1130	do.	H. Swannell & Son.	Caster oil and salts.	3 00
I 1131	do.	S. E. Dillavou.	Belting.	7 65
I 1132	do.	Quality Grocery Store.	Food stuffs.	2 50
I 1133	do.	E. A. Eichhorst.	Harness.	1 10
I 1134	do.	Miller Harness Co.	Whip and socket.	1 15
I 1135	do.	J. G. Cherry & Co.	Cork.	1 04
I 1136	do.	William Bros.	Paint.	2 84
I 1137	do.	John H. Doyle.	General supplies.	1 25
I 1138	do.	Consolidated Dental Mfg. Co.	Pink rubber.	10 00
I 1139	do.	Eugene Dietzgen Co.	General supplies.	1 38
I 1140	do.	Twin City Roofing Co.	Repair work.	2 30
I 1141	do.	P. S. Campbell.	Printing.	4 00
I 1142	do.	Elmer Frazier.	Wheat straw.	75 00
I 1143	do.	Liquid Carbonic Co.	Gas.	6 00
I 1144	do.	Ahrens & Schreiner.	Oatmeal.	6 60
I 1145	do.	Maas Brothers.	General supplies.	1 54
I 1146	do.	Whitall Tatum Co.	do.	19 71
I 1147	do.	Commonwealth Edison Co.	Lighting.	191 37
I 1148	do.	A. C. McClurg & Co.	Napkins.	3 61
I 1149	do.	Chicago Towel Co.	Towels.	40 02
I 1150	do.	V. Mueller & Co.	Films and supplies.	44 33
I 1151	do.	Hamblyn Plumbing Co.	Plumbing supplies.	65 76
I 1152	do.	Arthur Ochs.	Rats.	6 00
I 1153	do.	G. E. Stechert & Co.	Books.	737 50
I 1154	do.	Heath & Milligan Mfg. Co.	White enamel.	13 05
I 1155	do.	Barron Bros. Coal Co.	Animal food.	3 39
I 1156	do.	John Becker.	Rabbits.	9 00
I 1157	do.	Cameron Schroth Co.	Wrenches.	3 44
I 1158	do.	Swift & Co.	Beef hearts.	3 00
I 1159	do.	University Hospital.	Board.	100 00
I 1160	do.	Pittsburgh Plate Glass Co.	Glass and putty.	4 75
I 1161	do.	Rexroen.	Floor oil.	10 00
I 1162	do.	Western Stoneware Co.	Stone jars.	6 81
I 1163	do.	Fuller-Morrison Co.	Chemicals.	2 79
I 1164	do.	The Globe-Werenicke Co.	Cabinet.	23 50
I 1164	do.	Lavina Dille.	Wages, August 1915.	60 00
I 1165	do.	E. E. Morgan.	do.	5 00
I 1166	Aug. 21	Warren A. Ruth.	Traveling expenses.	31 60
I 1167	do.	Harry Pfau.	Experimental field work.	120 76
I 1168	do.	P. W. Kessinger.	do.	35 88
I 1169	do.	E. R. Green.	do.	23 00
I 1170	Aug. 23	Steel & Lawson.	Laboratory supplies.	63 85
I 1171	do.	Gyldendalske Boghandel.	Books.	5 40
I 1172	do.	C. B. Schmeltz.	Photographs.	1 50
I 1173	do.	F. A. Wyatt.	Traveling expenses.	17 05

## INSTRUCTION VOUCHERS—Continued.

No	Date.	To whom.	For what.	Amount.
	1915			
I 1174	Aug. 23	F. W. Garrett	Traveling expenses	\$ 98 23
I 1175	do.	las. Porter Lumber Co.	Building materials	505 23
I 1176	do.	Twin City Creamery Co.	General supplies	4 60
I 1177	do.	Herf & Frerichs Chemical Co.	do.	47 56
I 1178	do.	Blanks Mfg. & Supply Co.	Machinery repairs	1 12
I 1179	do.	Diem & Wing Paper Co.	General supplies	7 00
I 1180	do.	Champaign Ice Cream Co.	do.	6 50
I 1181	do.	Corn Products Refining Co.	Feed	418 40
I 1182	do.	Otis Percival	do.	48 50
I 1183	do.	John McCullough	do.	47 84
I 1184	do.	The Silver Mfg. Co.	General supplies	7 00
I 1185	do.	Indiana Silo Co.	Building materials	160 00
I 1186	do.	The J. B. Ford Co.	General supplies	50 00
I 1187	do.	J. J. Allen & H. J. Kenyon	Building materials	462 00
I 1188	do.	The Sherwin-Williams Co.	Laboratory supplies	88 03
I 1189	do.	Central Scientific Co.	Electric oven	80 00
I 1190	do.	The Kaufman-Lattimer Co.	Laboratory supplies	54 36
I 1191	do.	Detroit Flower Pot Co.	General supplies	33 64
I 1192	do.	Weimer & Schweinsberg	Machinery repairs	2 60
I 1193	do.	The R. Woodman Mfg. & Supply Co.	do.	1 08
I 1194	do.	Harris-Dillavon & Co.	Feeding stuffs	4 25
I 1195	do.	The Fox River Butter Co.	Food	7 03
I 1196	do.	The Fleischmann Co.	do.	1 15
I 1197	do.	H. C. Wheeler	Traveling expenses	34 38
I 1198	do.	Eugene Dietzgen Co.	General supplies	2 41
I 1199	do.	Kenfel & Esser Co. of New York	Apparatus repairs	25 00
I 1200	do.	Fratt & Whitney Co.	Laboratory apparatus	110 71
I 1201	do.	Cochrane Bly Co.	do.	5 85
I 1202	do.	Illinois Steel Co.	Laboratory supplies	22 68
I 1203	do.	Chicago Flexible Shaft Co.	Apparatus repairs	3 00
I 1204	do.	J. B. Carroll	Sundries	11 00
I 1205	do.	Geo. Strode	Furniture repairs	14 00
I 1206	do.	Machinists Supply Co.	Laboratory apparatus	8 78
I 1207	do.	Brown & Sharpe Mfg. Co.	do.	2 16
I 1208	do.	H. A. Keener	Laboratory supplies	11 30
I 1209	do.	Sebastian Karrer	Student labor	25 00
I 1210	do.	Ernst Hertzberg & Sons	Books	2 30
I 1211	do.	W. L. Harry	Wages	100 00
I 1212	do.	Harry Pritchard	do.	70 00
I 1213	do.	Ralph Pritchard	do.	65 00
I 1214	do.	Emmett Brenzlinger	do.	35 00
I 1215	do.	Lawrence Utterback	do.	50 00
I 1216	do.	Hazel Rhoades	do.	60 00
I 1217	do.	Lucy Lowe	do.	45 00
I 1218	do.	H. R. Farrington	do.	50 00
I 1219	do.	Claude Moulder	do.	50 00
I 1220	do.	G. H. Colman	do.	45 00
I 1221	do.	Edd Taylor	Wages, August, 1915	50 00
I 1222	do.	J. S. Whitmire	do.	60 00
I 1223	do.	A. J. Stoneburner	do.	50 00
I 1224	do.	Charles Pollard	do.	50 00
I 1225	do.	Ralph Chaplin	do.	60 00
I 1226	do.	D. C. Sprinkle	do.	50 00
I 1227	do.	C. E. Zachmire	do.	50 00
I 1228	do.	Ethel Sharp	do.	50 00
I 1229	do.	H. O. Woodworth	do.	55 00
I 1230	do.	Asa Egelston	do.	45 00
I 1231	do.	Hoffman & Kreppf Chemical Co.	Laboratory supplies	100 10
I 1232	do.	Illinois State Penitentiary	General supplies	1 54
I 1233	do.	Standard Cap & Seal Co.	do.	2 88
I 1234	do.	White Line Steam Laundry	Sundries	8 73
I 1235	do.	D. T. Dobbins	Feeding stuffs	2 00
I 1236	do.	J. A. Peterson & Sons	General supplies	12 25
I 1237	do.	Stock Yards Harness & Saddlery Co.	Machinery and tools	8 00
I 1238	do.	W. A. Collins	Feeding stuffs	39 19
I 1239	do.	Standard Oil Co.	Laboratory supplies	32 20
I 1240	do.	V. Mueller & Co.	Laboratory apparatus	4 10
I 1241	do.	A. Kroch & Co.	Journals	140 31
I 1242	do.	Huntley Dairy Co.	General expenses	2 35
I 1243	do.	Eimer & Amend	Department expenses	34 70
I 1244	do.	A. C. McClurg & Co.	do.	2 10
I 1245	do.	Arthur Ochs	Laboratory supplies	21 00
I 1246	do.	Maas Bros.	Office supplies	4 40
I 1247	do.	Ahrens & Schreiner	General supplies	1 50
I 1248	do.	Physicians' Supply & Drug Co.	do.	4 34
I 1249	do.	Guarantee Electric Co.	Machinery	1 30
I 1250	do.	The Western Electric Co.	Equipment apparatus	19 30
I 1251	do.	Taylor Instrument Cos.	Laboratory apparatus	1 50

## INSTRUCTION VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1915			
I 1252	Aug. 23	Kasen's Express & Van Co.	Hauling.	\$ 15 37
I 1253	do.	Western Educational Advertising Agency	Advertising.	81 36
I 1254	do.	Peck & Hills Furniture Co.	Equipment.	9 74
I 1255	do.	Mallory, Mitchell & Faust.	Advertising.	236 06
I 1256	do.	Thos. J. Dee & Co.	Department expenses.	84 98
I 1257	Aug. 25	Jas. H. Greene	Traveling expenses.	16 31
I 1258	do.	Jas. H. Greene	do.	25 64
I 1259	do.	E. E. Hoskins	do.	65 94
I 1260	do.	Harrison Fahrnkopf	do.	32 58
I 1261	do.	Chas. A. Campbell	do.	40 75
I 1262	do.	O. M. McGhee	do.	9 70
I 1263	do.	Wm. Webb	General labor.	60 86
I 1264	do.	L. J. True	Wages, August, 1915	83 33
I 1265	do.	H. A. Cate	do.	70 00
I 1266	do.	M. H. Campbell	do.	60 00
I 1267	do.	I. J. Reinhart	do.	60 00
I 1268	do.	R. L. Kelley	Traveling expenses.	14 16
I 1269	do.	F. A. Fisher	do.	37 01
I 1270	do.	Frederick Post Co.	General supplies.	1 37
I 1271	do.	F. W. Wascher	Traveling expenses.	47 73
I 1272	do.	S. V. Holt	do.	36 88
I 1273	do.	M. E. Leach	Wages, August, 1915	24 68
I 1274	do.	W. R. Jones	do.	4 50
I 1275	do.	C. E. Durst	Traveling expenses.	10 64
I 1276	do.	M. E. Thompson, Cashier	Student labor.	461 09
I 1277	do.	C. Will Shaffer	Books.	20 00
I 1278	do.	Chas. F. Rousselet	Specimens.	34 20
I 1279	do.	John R. Freeman	Laboratory supplies.	9 54
I 1280	do.	H. W. Day	Wages, August, 1915	45 00
I 1281	do.	Ralph Engle	do.	55 00
I 1282	do.	W. T. Martin	do.	47 50
I 1283	do.	Stanley Wilkins	do.	35 00
I 1284	do.	E. K. Augustus	do.	70 00
I 1285	do.	Lloyd R. Caldwell	do.	50 00
I 1286	do.	W. W. Wilson	do.	50 00
I 1287	do.	R. C. Glover	do.	75 00
I 1288	do.	M. E. Thompson, Cashier	General labor.	173 23
I 1289	do.	J. E. Morgan	Wages, August, 1915	40 00
I 1290	do.	Lawrence Nesbit	do.	55 00
I 1291	do.	Jeannette Craigmile	do.	55 00
I 1292	do.	Roy Argo	do.	55 00
I 1293	do.	Lucy M. Barto	do.	20 00
I 1294	do.	D. T. Brooks	do.	50 00
I 1295	do.	Jasper Dillon	do.	55 00
I 1296	do.	Lawrence Engle	do.	55 00
I 1297	do.	W. J. Engle	do.	75 00
I 1298	do.	W. J. Hampton	do.	75 00
I 1299	do.	W. C. Jones	do.	75 00
I 1300	do.	Henry Mapes	do.	50 00
I 1301	do.	Fred Pine	do.	80 00
I 1302	do.	Frank Sanders	do.	50 00
I 1303	do.	J. F. Smith	do.	75 00
I 1304	do.	Chas. H. Wheatcraft	do.	50 00
I 1305	do.	Mary L. Hughes	do.	50 00
I 1306	do.	Hazel L. Rock	do.	50 00
I 1307	do.	Alice Probst	do.	50 00
I 1308	do.	Lulu Meyers	do.	50 00
I 1309	do.	John Palfrey	do.	75 00
I 1310	do.	F. A. Lourer	do.	50 00
I 1311	do.	Elmer Jenkins	do.	60 00
I 1312	do.	Geo. Jensen	do.	60 00
I 1313	do.	A. C. Peterson	do.	50 00
I 1314	do.	W. T. Marsh	do.	50 00
I 1315	do.	E. R. Gady	do.	50 00
I 1316	do.	Garfield Jones	do.	75 00
I 1317	do.	Clyde Hamlin	do.	60 00
I 1318	do.	John Flocken	do.	65 00
I 1319	do.	Earl Meenach	do.	70 00
I 1320	do.	J. E. Murdock	do.	65 00
I 1321	do.	Harry Crissey	do.	65 00
I 1309a	Aug. 27	E. E. Hoskins	Traveling expenses.	39 56
I 1310a	do.	H. J. Snider	do.	93 01
I 1311a	do.	O. M. McGhee	do.	17 20
I 1312a	do.	H. P. Rusk	do.	9 78
I 1313a	do.	George Bote	Wages, August, 1915	85 00
I 1314a	do.	W. L. Burlison	Traveling expenses.	13 31
I 1315a	do.	F. A. Pearson	do.	16 43
I 1316a	do.	K. J. T. Eckblaw	do.	11 35

## INSTRUCTION VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1915			
I 1317a	Aug. 27	Charles Redwood	Scientific work	\$110 83
I 1318a	do.	Lloyd R. Caldwell	Traveling expenses	25 53
I 1319a	do.	Frederick Post Co.	General supplies	9 64
I 1320a	do.	J. G. Mosier	Traveling expenses	15 07
I 1321a	do.	R. W. Dickenson	do	44 24
I 1322	do.	G. S. Beaumont	do	33 98
I 1323	do.	H. C. Wheeler	do	36 85
I 1324	do.	F. A. Fisher	do	35 90
I 1325	do.	R. W. Dickenson	do	46 03
I 1326	do.	Edwin Frank	Wages, July, 1915	40 00
I 1327	do.	H. S. McDewell	do	50 00
I 1328	do.	H. F. Godeke	do	30 00
I 1329	do.	M. E. Thompson, Cashier	General labor	233 30
I 1330	do.	M. E. Thompson, Cashier	Student labor	229 93
I 1331	Aug. 28	H. C. Gilkerson	Traveling expenses	115 24
I 1332	do.	Chas. A. Campbell	do	29 88
I 1333	do.	Lewis Haak	General labor	35 37
I 1334	do.	The Russell & Co.	General supplies	36 00
I 1335	do.	J. W. Smith	General labor	80 20
I 1336	do.	A. L. Moats	do	18 00
I 1337	do.	Stephen Rogers	do	194 60
I 1338	do.	F. W. Wascher	Traveling expenses	36 85
I 1339	do.	W. S. Corsa	Swine	125 00
I 1340	do.	B. A. Stranch	Laboratory supplies	4 80
I 1341	do.	Metzler & Schafer Co.	Food	82 93
I 1342	do.	Mrs. F. B. McClughen	Laundry	7 41
I 1343	do.	Farrar & Quinlan	Food	71 98
I 1344	do.	Dallenbach Bros.	do	156 26
I 1345	do.	The Chester Transfer Co.	Express	44 02
I 1346	do.	D. T. Dobbins	Food	5 76
I 1347	do.	Bisner Grocery Co.	do	62 00
I 1348	do.	Devos & Reynolds Co.	General supplies	12 00
I 1349	do.	John Wiley & Sons, Inc.	do	5 12
I 1350	do.	W. Atlee Burpee & Co.	do	1 39
I 1351	do.	J. C. Thomas	Furnace	115 00
I 1352	do.	C. R. Doty	Sheep	45 00
I 1353	do.	Urbana & Champaign Ry., Gas & Electric Co.	General supplies	1 00
I 1354	do.	The Wing Seed Co.	do	35 71
I 1355	do.	F. S. Webster Co.	do	2 00
I 1356	do.	G. R. Grubb & Co., Engravers	Laboratory supplies	205 40
I 1357	do.	Leavitt Mfg. Co.	do	11 08
I 1358	do.	The Berger Mfg. Co.	do	21 00
I 1359	do.	The S. Obermayer Co.	General supplies	2 00
I 1360	do.	W. S. Miller	Salary	150 00
I 1361	do.	W. C. Bagley	do	150 00
I 1362	do.	Dr. R. T. Shields	Laboratory supplies	25 00
I 1363	do.	The Linde Air Products Co.	do	1 50
I 1364	do.	Woldenberg & Schaar	General supplies	313 48
I 1365	do.	E. H. Sargent & Co.	do	513 70
I 1366	do.	Chicago Medical Book Co.	Books	4 50
I 1367	do.	E. H. Sargent & Co.	Laboratory supplies	158 38
I 1368	do.	Marcus Bernstein, Business Manager, High School Life	Advertising	5 00
I 1369	do.	The Bulletin of Pharmacy	do	7 50
I 1370	do.	Alumni Association	do	3 25
I 1371	do.	Keuffel & Esser Co. of New York	Laboratory supplies	2 40
I 1372	do.	The New York Times Index	Books	2 00
I 1373	do.	Barron Bros. Coal Co.	Feeding stuffs	1 36
I 1374	do.	Ahrens & Schreiner	do	20 00
I 1375	do.	Illinois Malleable Iron Co.	General supplies	4 95
I 1376	do.	Remington Typewriter Co.	Office supplies	1 50
I 1377	do.	Mallory, Mitchell & Faust	Advertising	681 65
I 1378	do.	H. F. Bremer	Repairing roof	503 01
I 1379	do.	V. Mueller & Co.	General supplies	53 85
I 1380	do.	Bradner Smith & Co.	do	9 27
I 1381	do.	Marshall Field & Co., Retail	Shades	7 70
I 1382	do.	Chicago Addressing Co.	Addressing	1 75
I 1383	do.	Scheidel Western X-Ray Co.	General supplies	3 25
I 1384	do.	Huntley Dairy Co.	Department expenses	2 10
I 1385	do.	Physicians' Supply & Drug Co.	Department equipment	14 00
I 1386	do.	Parke, Davis & Co.	General supplies	2 55
I 1387	do.	A. C. McClurg & Co.	do	1 00
I 1388	do.	Wappler Electric Mfg. Co., Inc.	Department equipment	1 00
I 1389	do.	Eimer & Amend	do	93 40
I 1390	do.	International Forwarding Co.	Department equipment, freight	16 21
I 1391	do.	Joseph Walsh	Ashes	5 00
I 1392	do.	Hibbard, Spencer Bartlett Co.	Building supplies	15 72



## INSTRUCTION VOUCHERS—Continued.

No.	Date.	To whom	For what.	Amount.
	1915			
I 1393	Aug. 28	Keystone Type Foundry .....	Office supplies .....	\$ 9 72
I 1394	..do..	A. P. W. Paper Co. ....	Stores .....	39 00
I 1395	..do..	Heath & Milligan Mfg. Co. ....	Building supplies .....	23 70
I 1396	..do..	Hercules Chemical Works .....	Stores .....	6 00
I 1397	..do..	Fuller Morrison Co. ....	..do .....	8 70
I 1398	..do..	Economy Baler Co. ....	..do .....	22 50
I 1399	Aug. 30	Peoples Gas Light & Coke Co. ....	Lighting .....	16 58
I 1400	..do..	Underwood & Underwood .....	Laboratory supplies .....	4 55
I 1401	..do..	Northwestern Steel & Iron Works .....	Laboratory apparatus .....	8 00
I 1402	..do..	Robt. Craig Co. ....	..do .....	10 25
I 1403	..do..	J. R. Midyett .....	General labor .....	51 26
I 1404	..do..	Woldenberg & Schaar .....	Laboratory supplies .....	985 19
I 1405	..do..	Leavitt Mfg. Co. ....	Laboratory apparatus .....	40 50
I 1406	..do..	The American Well Works .....	..do .....	49 50
I 1407	..do..	A. B. Dick Co. ....	Office equipment repairs .....	1 05
I 1408	..do..	W. B. Castenholz, Comptroller .....	Material from University store-room .....	397 57
I 1409	Aug. 31	Florence Stoutzenberg .....	Wages, August, 1915 .....	50 00
I 1410	..do..	Swift & Co. ....	General supplies .....	1 35
I 1411	..do..	F. K. Robeson .....	..do .....	39 00
I 1412	..do..	Urbana Harness Co. ....	Machine repairs .....	46 80
I 1413	..do..	American Drafting Furniture Co. ....	Furniture and fixtures .....	18 00
I 1414	..do..	Indian Refining Co. ....	General supplies .....	7 31
I 1415	..do..	Standard Cap & Seal Co. ....	Rental .....	4 50
I 1416	..do..	The Creamery Package Mfg. Co. ....	General supplies .....	1 59
I 1417	..do..	Oldham Bros. ....	..do .....	3 48
I 1418	..do..	The American Guernsey Cattle Club .....	Sundries .....	10 00
I 1419	..do..	Eisner Grocery Co. ....	General supplies .....	6 00
I 1420	..do..	E. W. Sampson .....	..do .....	6 50
I 1421	..do..	The Arthur H. Thomas Co. ....	Laboratory supplies .....	3 17
I 1422	..do..	Standard Oil Co. ....	..do .....	6 00
I 1423	..do..	Bacon Bros. ....	..do .....	2 50
I 1424	..do..	A. D. Shepherd .....	Wages, August, 1915 .....	37 80
I 1425	..do..	Dennison Mfg. Co. ....	General supplies .....	2 67
I 1426	..do..	Peck & Hills Furniture Co. ....	Furniture and fixtures .....	6 00
I 1427	..do..	The Linde Air Products Co. ....	Laboratory supplies .....	1 50
I 1428	..do..	Central Electric Co. ....	..do .....	1 28
I 1429	..do..	Mallory, Mitchell & Faust .....	Advertising .....	58 03
I 1430	..do..	Geo. Kirk, Quality Grocery .....	Laboratory supplies .....	3 98
I 1431	..do..	W. B. Castenholz, Comptroller .....	Material from University store-room .....	46 62
I 1432	..do..	E. H. Sargent & Co. ....	Laboratory supplies .....	618 97
I 1433	..do..	Tablet & Ticket Co. ....	Office supplies .....	6 78
I 1434	..do..	S. E. Dillavou .....	General supplies .....	319 45
I 1435	..do..	Vaughan's Seed Store .....	..do .....	16 43
I 1436	..do..	Eimer & Amend .....	..do .....	1,308 54
I 1437	..do..	Woldenberg & Schaar .....	Laboratory supplies .....	307 50
I 1438	..do..	Champaign Seed Co. ....	Food .....	29 00
I 1439	..do..	Alexander Lumber Co. ....	General supplies .....	7 10
I 1440	..do..	S. E. Huff & Co. ....	..do .....	3 05
I 1441	..do..	Taylor Hardware Co. ....	..do .....	3 03
I 1442	..do..	Crane Co. ....	..do .....	11 65
I 1443	..do..	John H. Doyle .....	Furniture and fixtures .....	5 00
I 1444	..do..	The Burr Co. ....	Apparatus repairs .....	7 80
I 1445	..do..	Paul Williamson .....	Wages, August, 1915 .....	52 50
I 1446	..do..	Forrest Mock .....	..do .....	50 00
I 1447	..do..	Louise Bennett .....	..do .....	56 13
I 1448	..do..	K. A. Hathaway .....	..do .....	50 00
I 1449	Sept. 7	Barnard Harrington .....	..do .....	40 95
I 1450	..do..	Albert Bradford .....	..do .....	60 00
I 1451	..do..	A. L. Shriver .....	..do .....	53 46
I 1452	..do..	R. E. McDowell .....	..do .....	8 00
I 1453	..do..	S. R. Farah .....	..do .....	21 20
I 1454	..do..	M. R. Davis .....	..do .....	67 35
I 1455	..do..	T. H. Lloyd .....	..do .....	47 00
I 1456	..do..	Ruth I. Mussenden .....	..do .....	43 20
I 1457	..do..	E. S. Axline .....	..do .....	54 56
I 1458	..do..	W. F. Campbell .....	..do .....	45 79
I 1459	..do..	M. E. Slater .....	..do .....	86 00
I 1460	..do..	H. A. Shonle .....	..do .....	43 00
I 1461	..do..	J. R. Ziesenheim .....	..do .....	24 00
I 1462	..do..	H. C. Eckstein .....	..do .....	75 00
I 1463	..do..	R. A. Nelson .....	..do .....	75 00
I 1464	..do..	D. J. Campbell .....	..do .....	26 00
I 1465	..do..	R. F. Harvey .....	..do .....	22 50
I 1466	..do..	John L. Munson .....	..do .....	26 15
I 1467	..do..	J. M. Oxman .....	..do .....	8 50
I 1468	..do..	Frank Leggett .....	..do .....	30 60

## INSTRUCTION VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1915			
I 1469	Sept. 7	H. W. Hollard	Wages, August, 1915	\$ 56 00
I 1470	do.	J. M. Oxman	do.	4 25
I 1471	do.	C. A. Nickolls	do.	30 00
I 1472	do.	E. G. Young	do.	65 00
I 1473	do.	O. M. Allyn	Traveling expenses	225 90
I 1474	do.	H. C. Wheeler	do.	30 10
I 1475	do.	F. W. Wascher	do.	47 65
I 1476	do.	J. G. Mosier	do.	8 09
I 1477	do.	G. S. Beaumont	do.	28 01
I 1478	do.	F. A. Fisher	do.	35 15
I 1479	do.	G. E. Gentile	do.	35 50
I 1480	do.	R. C. Wagner & Son	Planking street	1 00
I 1481	do.	Claude Harper	Traveling expenses	4 70
I 1482	do.	W. W. Wilson	do.	27 33
I 1483	do.	N. W. Hepburn	do.	12 95
I 1484	do.	W. J. Carmichael	do.	11 25
I 1485	do.	R. E. Hieronymus	do.	27 33
I 1486	do.	H. K. Kullson	do.	7 26
I 1487	do.	Commercial Telephone & Telegraph Co.	Rent	4 00
I 1488	do.	J. B. Marshall	Field work	117 75
I 1489	do.	Frank Morgan	do.	28 78
I 1490	do.	Wm. Powell	do.	66 33
I 1491	do.	E. E. Hoskins	Traveling expenses	30 32
I 1492	do.	H. J. Snider	Freight charges	23 00
I 1493	do.	Harrison Fahrnkopf	Traveling expenses	19 10
I 1494	do.	F. W. Garrett	do.	61 41
I 1495	do.	Wm. L. Mays	Field work	14 50
I 1496	do.	Jacob Ten Boer	do.	36 45
I 1497	do.	M. E. Thompson, Cashier	Labor bills	396 37
I 1498	do.	M. E. Thompson, Cashier	Student labor	21 75
I 1499	do.	M. E. Thompson, Cashier	General labor	1 20
I 1500	do.	M. E. Thompson, Cashier	Bills paid	489 27
I 1501	Sept. 8	T. M. Lyons	Wages, August, 1915	47 00
I 1502	do.	E. J. Brown	do.	36 00
I 1503	do.	Geo. F. Smalley	do.	23 00
I 1504	do.	Jesse Judy	do.	40 00
I 1505	do.	Maude Campbell	do.	22 00
I 1506	do.	A. W. Harz	do.	44 10
I 1507	do.	W. S. Ladd	do.	22 20
I 1508	do.	A. E. McCoy	do.	42 75
I 1509	do.	E. F. Murphy	do.	40 35
I 1510	do.	G. H. Dungan	do.	24 90
I 1511	do.	Paul Leach	do.	43 90
I 1512	do.	E. H. Vollweiler	do.	50 50
I 1513	do.	E. M. A. Chandler	do.	21 25
I 1514	do.	R. W. Hess	do.	81 00
I 1515	do.	C. E. Null	do.	48 20
I 1516	do.	R. W. Traxler	do.	50 00
I 1517	do.	L. P. Thompson	do.	27 50
I 1518	do.	K. E. Geisendorfer	do.	52 65
I 1519	do.	F. S. Wing	Live stock	50 00
I 1520	do.	C. R. Doty	do.	51 00
I 1521	do.	Robert Baird	Field work	41 20
I 1522	do.	J. T. Newsome	do.	24 21
I 1523	do.	O. M. McGhee	Traveling expenses	18 32
I 1524	do.	F. A. Pearson	do.	4 56
I 1525	do.	I. J. Reinhart	do.	18 05
I 1526	do.	James H. Greene	do.	35 64
I 1527	do.	P. W. Kessinger	Field work	29 85
I 1528	do.	Albert Tate	do.	28 05
I 1529	do.	William Aten, Sr.	do.	24 60
I 1530	do.	Stephen Rogers	do.	78 97
I 1531	do.	C. F. Gorman	Traveling expenses	49 65
I 1532	do.	M. H. Campbell	do.	6 88
I 1533	Sept. 9	The Ohio & Western Lime Co.	Lime	2 25
I 1534	do.	Belle City Mfg. Co.	Thresher	1,177 50
I 1535	do.	Funk Bros. Seed Co.	Alfalfa	12 00
I 1536	do.	Geo. W. Matheny	Field work	17 35
I 1537	do.	F. W. Garrett	Traveling expenses	66 17
I 1538	do.	Chas. A. Campbell	do.	38 27
I 1539	do.	H. J. Snider	do.	20 42
I 1540	do.	Harrison Fahrnkopf	do.	49 11
I 1541	do.	Alfred Bergren	Field work	20 50
I 1542	do.	Wm. Fliege	do.	59 00
I 1543	do.	F. K. Robeson	Muslin	5 40
I 1544	do.	Eimer & Amend	Repair rod	3 75
I 1545	do.	Eisner Grocery Co.	Vinegar barrels	5 00
I 1546	do.	Alexander Lumber Co.	Flooring	3 15

## INSTRUCTION VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1915			
I 1547	Sept. 9	E. E. Glick	Traveling expenses	\$ 30 81
I 1548	.do.	Jesse Jones Paper Box Co.	Filing boxes	21 00
I 1549	.do.	James H. Greene	Traveling expenses	2 24
I 1550	.do.	Addressograph Co.	Drawers	2 97
I 1551	.do.	Corning Glass Works	Glass	30 75
I 1552	.do.	R. H. Wilcox	Traveling expenses	18 70
I 1553	.do.	New Albany Box & Basket Co.	Bands	12 19
I 1554	.do.	J. F. Webster & Co.	Poultry	51 66
I 1555	.do.	A. L. Marshall	Food supplies	3 80
I 1556	.do.	Burley & Tyrrell Co.	Dishes	3 00
I 1557	.do.	Palmer Brothers	General supplies	1 00
I 1558	.do.	Underwood & Underwood	Photographs	41 05
I 1559	.do.	The American Multigraph Sales Co.	Felt ink roll	7 56
I 1560	.do.	C. E. Durst	Traveling expenses	13 14
I 1561	.do.	Johnson Brothers	Spray pumps	3 05
I 1562	.do.	Baker & Co.	Platinum sheets	26 96
I 1563	.do.	Independent Pneumatic Tool Co.	Air hose	14 25
I 1564	.do.	J. H. Williams & Co.	Calliper gauges	7 70
I 1565	.do.	The Cleveland Twist Drill Co.	Drills	37 08
I 1566	.do.	The Tablet & Ticket Co.	Black figures	7 20
I 1567	.do.	The Osterlein Machine Co.	Emery wheels	25 50
I 1568	.do.	Hjorth Lathe & Tool Co.	Spring winder	2 00
I 1569	.do.	Great Western Smelting & Refining Co.	Pig copper	216 26
I 1570	.do.	Angle Steel Stool Co.	Waste can	5 00
I 1571	.do.	The Wyoming Shovel Works	Moulder shovels	14 00
I 1572	.do.	The Wadsworth Core Machine & Equipment Co.	Core machine	10 08
I 1573	.do.	W. P. Davis Machine Co.	Keyseat cutters	13 25
I 1574	.do.	The S. Obermayer Co.	Laboratory apparatus	10 00
I 1575	.do.	Steelcrete Expanded Metal Co.	Steelcrete	9 12
I 1576	.do.	Excelsior General Supplies Co.	Spark plugs	4 07
I 1577	.do.	The National Malleable Castings Co.	Number 5 stars	18 50
I 1578	.do.	Garden City Sand Co.	Sand	40 00
I 1579	.do.	The Midvale Steel Co.	Stellite	5 30
I 1580	.do.	Freeman & Sons	Mephisto bits	30 80
I 1581	.do.	The Graton & Knight Mfg. Co.	Dynamo dbl	61 51
I 1582	.do.	Sargent Co.	Safety lathe	1 61
I 1583	.do.	Goldschmidt Thermit Co.	Thermit	13 40
I 1584	.do.	W. D. Allen Mfg. Co.	Water hose	4 60
I 1585	.do.	The Burr Co.	Concrete molds	11 25
I 1586	.do.	O. S. Watkins	Traveling expenses	111 95
I 1587	.do.	Mallory, Mitchell & Faust	Advertising	59 67
I 1588	.do.	Chicago Medical Book Co.	Books	10 73
I 1589	.do.	Henry-Bosch Co.	Repairs	3 41
I 1590	.do.	C. O. Haynes & Co.	Advertising	27 00
I 1591	.do.	General Chemical Co.	Carboy and hat	3 83
I 1592	.do.	Ledder & Probst, Inc.	Drawing boards	44 40
I 1593	.do.	Commercial Acetylene Ry., Light & Signal Co.	Gas	3 38
I 1594	.do.	Maverick & Wissinger Co.	Printing	42 00
I 1595	.do.	Star & Crescent Milling Co.	Middlings	495 00
I 1596	.do.	Devoe & Reynolds Co.	Drawing paper	6 00
I 1597	.do.	G. S. Beaumont	Traveling expenses	26 32
I 1598	.do.	F. W. Wascher	.do.	45 45
I 1599	.do.	R. W. Dickenson	.do.	45 65
I 1600	.do.	Brown & Sharpe Mfg. Co.	Laboratory apparatus	35 78
I 1601	.do.	The Peoples Gas Light & Coke Co.	Gas	28 32
I 1602	.do.	C. H. Clevenger	Wages, August, 1915	19 20
I 1603	.do.	J. M. Oxman	.do.	19 70
I 1604	.do.	H. P. Thurlow	.do.	13 80
I 1605	Sept. 10	L. S. Baldwin	Wages, July and August, 1915	105 40
I 1606	.do.	Horace Ingals	Wages, August, 1915	50 00
I 1607	.do.	V. S. Day	.do.	62 75
I 1608	.do.	B. R. Ordonex	.do.	90 00
I 1609	.do.	Mark Small	.do.	65 00
I 1610	.do.	S. E. Dillavou	General supplies	103 00
I 1611	.do.	W. M. Davis	Pump leathers	3 50
I 1612	.do.	International Press Clipping Bureau	Clipping service	5 00
I 1613	.do.	Underwood Typewriter Co.	Allowance on typewriter	21 75
I 1614	.do.	American seeding Machine Co.	Disc	39 00
I 1615	.do.	Marblehead Lime Co.	Lime	5 50
I 1616	.do.	H. C. Gikerson	Traveling expenses	13 88
I 1617	.do.	Henry Pfau	Field work	93 30
I 1618	.do.	C. A. Klier	Filing case	47 17
I 1619	.do.	Peck & Hills Furniture Co.	Table	17 75
I 1620	.do.	L. C. Smith & Brothers	Rental on machine	7 50
I 1621	.do.	E. A. Eichhorst	Repair work	13 20
I 1622	.do.	H. H. Shufeldt & Co.	Alcohol	111 17

## INSTRUCTION VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
1915				
I 1623	Sept. 10	H. W. Hollard	Traveling expenses	\$ 8 77
I 1624	do.	H. A. Ruehe	do	10 16
I 1625	do.	E. H. Sargent & Co.	Laboratory supplies	144 00
I 1626	do.	Bacon Bros.	Paint	9 00
I 1627	do.	Tuttle & Clark	Packing	29 40
I 1628	do.	Champaign Steam Laundry	Laundry	17 87
I 1629	do.	Vaughan's Seed Store	Seeds	40 65
I 1630	do.	Cunningham Brothers	Chemicals	20 55
I 1631	do.	J. W. Butler Paper Co.	Label gum	2 91
I 1632	do.	Pharmaceutical Faculties, W. J. Teeters, Secretary	Years dues	10 00
I 1633	do.	J. J. Hall & Son	Desks	363 09
I 1634	do.	Fuller & Morrison & Co.	Laboratory supplies	128 28
I 1635	do.	Sterling Wheel Barrow Co.	Flasks	287 30
I 1636	do.	Central Scientific Co.	General supplies	5 61
I 1637	do.	A. F. Gustafson	Traveling expenses	37 25
I 1638	do.	Whitall Tatum Co.	Bottles	21 31
I 1639	do.	Eisner Grocery Co.	Gallon Mason jars	54 63
I 1640	do.	H. C. Wheeler	Traveling expenses	38 09
I 1641	do.	Pilon & Rodgers	Services	7 00
I 1642	do.	Ed Gilmar	Oats threshed	16 56
I 1643	do.	C. C. Ferguson	Horseshoes	13 50
I 1644	do.	The University Press	Printing	7 50
I 1645	do.	M. E. Thompson, Cashier	Labor bills	421 48
I 1646	do.	M. E. Thompson, Cashier	Student labor	230 10
I 1647	Sept. 12	Davis Slate & Mfg. Co.	Slate tank	38 00
I 1648	do.	H. C. Gilkerson	Traveling expenses	44 01
I 1649	do.	Bradner Smith & Co.	Office supplies	3 88
I 1650	do.	Scientific Laboratories	Glass tubing	24 20
I 1651	do.	Barron Bros. Coal Co.	Animal feed	4 17
I 1652	do.	The Kemler Lumber Co.	Yellow pine	25 06
I 1653	do.	The Illinois Nail Co.	Wire nails	11 35
I 1654	do.	American Radiator Co.	Valves and pipe	59 48
I 1655	do.	Elmer & Amend	Laboratory supplies	81 48
I 1656	do.	Hibbard, Spencer Bartlett Co.	General supplies	16 86
I 1657	do.	Illinois Malleable Iron Co.	Machinery	33 44
I 1658	do.	Jenkins Bros.	Crane discs	3 65
I 1659	do.	The Globe-Wernicke Co.	Units	24 00
I 1660	do.	Keystone Type Foundry	Lead and rule cutter	14 00
I 1661	do.	Swift & Co.	Beef hearts	7 65
I 1662	do.	J. W. Valleryne	Post cards	10 00
I 1663	do.	V. Mueller & Co.	Laboratory apparatus	82 30
I 1664	do.	Central Scientific Co.	do	59 53
I 1665	do.	Marshall Field & Co.	Shades	3 46
I 1666	do.	M. H. Foundry & Mfg. Co.	Bracket fountains	23 74
I 1667	do.	Huntley Dairy Co.	Dairy products	1 30
I 1668	do.	G. E. Stecher & Co.	Journals	31 50
I 1669	do.	Maas Brothers	General supplies	4 60
I 1670	do.	Heath & Milligan Mfg. Co.	Wood stain	28 05
I 1671	Sept. 13	Martin Metz	Painting	21 25
I 1672	do.	Veeder Mfg. Co.	Rubber tips	2 80
I 1673	do.	C. C. Ferguson	Horseshoes	2 50
I 1674	do.	S. E. Dillavou	Mower repairs	2 25
I 1675	do.	The Quaker Oats Co.	Rolled wheat	25 55
I 1676	do.	Hammacher, Schlemmer & Co.	Merchandise	33 82
I 1677	do.	Ward's Natural Science Establishment	Trays	3 60
I 1678	do.	R. R. Street & Co.	General supplies	76 81
I 1679	do.	Leavitt Mfg. Co.	Iron cone	15 00
I 1680	do.	J. B. Lippincott Co.	Books	4 05
I 1681	do.	R. G. Wright & Co.	Valve rubbers	2 32
I 1682	do.	Blanke Mfg. & Supply Co.	Brushes	2 15
I 1683	do.	Fuller Morrison & Co.	Chemicals	1 13
I 1684	do.	American Mono-Service Co.	Kleen kups	13 00
I 1685	do.	The Defiance Pressed Steel Co.	Milk cases	18 00
I 1686	do.	Eastman Salt Products Co.	Calcium chloride	9 51
I 1687	do.	Eisner Grocery Co.	General supplies	7 68
I 1688	do.	Twin City Ice & Cold Storage Co.	Ice	25 00
I 1689	do.	Champaign Steam Laundry	Laundry	14 50
I 1690	do.	William Bros.	Flat white	2 97
I 1691	do.	W. Lewis & Co.	Towels	3 00
I 1692	do.	J. G. Cherry Co.	Pipe and fittings	14 10
I 1693	do.	Louis Melind Co.	General supplies	1 89
I 1694	do.	Joseph Alexander	Mantles	26 50
I 1695	do.	Urbana Harness Co.	Fullman tires	37 00
I 1696	do.	Elmer & Amend	Clamps	9 35
I 1697	do.	P. S. Campbell	Printing	7 25
I 1698	do.	Jeanette Devine	Salary, August, 1915	70 00
I 1699	Sept. 14	Gulick Tailoring Co.	Milk suits	28 00

## INSTRUCTION VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1915			
I 1700	Sept. 14	The National Ammonia Co.	Chemicals	\$ 26 52
I 1701	do.	Chester Horseshoeing Shop	Horseshoes	13 00
I 1702	do.	Twin City Ice & Cold Storage Co.	Ice	12 00
I 1703	do.	Dayton Fruit Tree Label Co.	Pot labels	13 70
I 1704	do.	The Druggists Circular	Advertising	33 33
I 1705	do.	The Bulletin of Pharmacy	do	7 50
I 1706	do.	Cunningham Brothers	Oil	2 75
I 1707	do.	W. Lewis & Co.	Aprons	1 73
I 1708	do.	A. S. Nelson & Son	General supplies	1 40
I 1709	do.	Eimer & Amend	Chemicals	736 95
I 1710	do.	E. H. Sargent & Co.	do	579 76
I 1711	do.	Globe-Wernicke Co.	General supplies	2 20
I 1712	do.	Reliable Plumbing & Heating Co.	Apparatus supports	5 25
I 1713	do.	R. W. Braithwaite	Sundries	10 00
I 1714	do.	Woldenberg & Schaar	Filter stands	320 00
I 1715	do.	Sharp & Smith	Baby scale	12 00
I 1716	do.	W. A. Ruth	Traveling expenses	17 34
I 1717	do.	J. B. Andrews	do	22 43
I 1718	do.	E. E. Hoskins	do	85 64
I 1719	do.	F. C. Bauer	do	19 93
I 1720	do.	W. F. Murphey	Flour	2 25
I 1721	Sept. 15	Charles Redwood	Wages, August 25 to September 7, 1915	76 00
I 1722	do.	Ida Luther	Wages, August, 1915	50 00
I 1723	do.	Pay roll	September, 1915	77,854 03
		Davenport, Eugene	Salary	\$500 00
		Checkley, J. H.	do	116 66
		Hieronymus, R. E.	do	125 00
		Jamison, A. W.	do	208 33
		Nolan, A. W.	do	200 00
		Rankin, F. H.	do	291 66
		Greene, J. H.	do	50 00
		Allyn, Orr	do	116 66
		Aumer, J. P.	do	150 00
		Bauer, F. C.	do	175 00
		Brunson, A. M.	do	100 00
		Clevenger, C. B.	do	100 00
		Dickenson, R. W.	do	116 66
		Dickerson, I. W.	do	150 00
		Ebersol, E. T.	do	100 00
		Eckblaw, K. J. T.	do	150 00
		Ellis, O. I.	do	100 00
		Fahrnkopf, H. F. T.	do	100 00
		Fisher, F. A.	do	133 33
		Garrett, F. W.	do	133 33
		Gentle, G. E.	do	100 00
		Gernert, W. B.	do	175 00
		Gilkerson, H. C.	do	100 00
		Gustafson, A. F.	do	200 00
		Holt, S. V.	do	166 66
		Hopkins, C. G.	do	458 33
		Jahr, M. E.	do	133 33
		Leighty, W. R.	do	133 33
		Hoskins, E. E.	do	166 66
		Mosier, J. G.	do	333 33
		Newell, C. R.	do	116 66
		Sachs, W. H.	do	150 00
		Schoonover, W. R.	do	100 00
		Smith, L. M.	do	291 66
		Snider, H. J.	do	100 00
		Torgenson, E. F.	do	83 33
		VanAlstine, E.	do	208 33
		Walworth, E. H.	do	100 00
		Wascher, F. M. W.	do	133 33
		deWorf, H. A.	do	83 33
		Wheeler, H. C.	do	166 66
		Whiting, A. L.	do	175 00
		Reed, C. O.	do	133 33
		Morison, A. T.	do	70 00
		Richey, F. C.	do	70 00
		Stewart, Robert	do	250 00
		Andrews, J. B.	do	116 66
		Barto, D. O.	do	200 00
		Bull, Sleeter	do	150 00
		Carmichael, W. J.	do	141 66
		Detlefson, J. A.	do	225 00
		Edmunds, J. L.	do	233 33
		Grindley, H. S.	do	333 33

## INSTRUCTION VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
I 1723 Ctd.	1915 Sept. 15	Harper, Claude	Salary	\$ 83 33
		Joseph, W. E.	do.	150 00
		Keith, Mary H.	do.	108 33
		Mitchell, H. H.	do.	150 00
		Mumford, H. W.	do.	416 66
		Newlin, C. I.	do.	116 66
		Roberts, Elmer	do.	83 33
		Rusk, H. P.	do.	233 33
		Smith, W. H.	do.	166 66
		Whisenand, J. W.	do.	100 00
		Wilcox, R. H.	do.	100 00
		Coffey, W. C.	do.	291 66
		Snapp, R. C.	do.	141 66
		Augustus, E. K.	do.	83 33
		Slater, M. E.	do.	83 33
		Zeisenheim, J. R.	do.	41 66
		Thorne, L. E.	do.	50 00
		Kammnade, W. G.	do.	41 66
		Handschin, W. F.	do.	62 50
		Gussler, Gilbert	do.	180 00
		Allen, P. W.	do.	83 33
		Crandall, W. T.	do.	150 00
		Fraser, W. J.	do.	145 83
		Harding, H. A.	do.	416 66
		Hulce, R. S.	do.	150 00
		Lang, L. R.	do.	200 00
		Nevens, W. B.	do.	83 33
		Pearson, F. A.	do.	133 33
		Prucha, M. J.	do.	208 33
		Ruehe, H. A.	do.	150 00
		Hepburn, N. W.	do.	208 33
		Turner, Frank	do.	83 33
		Weeter, H. M.	do.	58 33
		Yapp, W. W.	do.	116 66
		True, L. J.	do.	83 33
		Rulison, H. K.	do.	75 00
		Chambers, W. H.	do.	37 50
		Kohmann, E. F.	do.	166 66
		Allison, I. D.	do.	150 00
		Brown, H. D.	do.	83 33
		Blair, J. C.	do.	416 66
		Colby, A. S.	do.	83 33
		Dorner, H. B.	do.	250 00
		Durst, C. E.	do.	175 00
		Evans, F. N.	do.	150 00
		Englis, D. T.	do.	60 00
		Gardner, J. J.	do.	166 66
		Gunderson, A. J.	do.	133 33
		Hecht, August	do.	83 33
		Hutchinson, J. I.	do.	116 66
		Lloyd, J. W.	do.	145 83
		Miller, Wilhelm	do.	250 00
		Muncie, F. W.	do.	125 00
		Feltier, G. L.	do.	133 33
		Pickett, B. S.	do.	266 66
		Robinson, C. M.	do.	150 00
		Root, R. R.	do.	233 33
		Ruth, W. A.	do.	83 33
		Smith, F. A. C.	do.	150 00
		Watkins, O. S.	do.	200 00
		Tilton, L. D.	do.	83 33
		Lauterbach, E. G.	do.	33 33
		Brock, W. S.	do.	33 33
		Palmer, W. K.	do.	83 33
		Venning, F. L.	do.	100 00
		Bovier, Isabel	do.	291 66
		Bunch, Mamie	do.	83 33
		Fleming, Georgia	do.	100 00
		Gray, Cora E.	do.	125 00
		Harrison, Florence	do.	125 00
		Parsons, Maud	do.	141 66
		Seymour, Lurene	do.	166 66
		Stanton, Margaret	do.	116 66
		Stevens, Grace	do.	116 66
		Wheeler, Ruth	do.	166 66
		Williams, Anna	do.	100 00
		Hope, Leona	do.	125 00
		Goss, W. F. M.	do.	500 00

## INSTRUCTION VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
I 1723 Ctd.	1915 Sept. 15	Ash, Percy.....	Salary.....	\$208 33
		Clark, C. R.....	do.....	183 33
		Provine, L. H.....	do.....	291 66
		Ricker, N. C.....	do.....	291 66
		Titcomb, W. C.....	do.....	175 00
		Wells, N. A.....	do.....	208 33
		Phrenkamp, Winifred.....	do.....	83 33
		Jones, R. T.....	do.....	150 00
		Hekking, W. M.....	do.....	150 00
		Kellogg, J. M.....	do.....	150 00
		Fanning, R. S.....	do.....	120 00
		Wolfe, W. S.....	do.....	120 00
		Burger, C. V.....	do.....	120 00
		Muehlman, R. E.....	do.....	140 00
		Williams, A. E.....	do.....	150 00
		Danielson, R. R.....	do.....	100 00
		Hursh, R. K.....	do.....	150 00
		Baker, I. O.....	do.....	333 33
		Bowling, B. L.....	do.....	83 33
		Garver, N. B.....	do.....	141 66
		McDaniel, A. B.....	do.....	229 16
		Smith, J. E.....	do.....	150 00
		Wiley, C. C.....	do.....	141 66
		Wilson, W. M.....	do.....	208 33
		Newell, F. H.....	do.....	416 66
		Ellis, C. A.....	do.....	250 00
		Pickels, G. W.....	do.....	150 00
		Raynor, W. H.....	do.....	140 00
		Davis, R. E.....	do.....	140 00
		Biegler, P. S.....	do.....	183 33
		Brooks, Morgan.....	do.....	250 00
		Fisk, I. W.....	do.....	150 00
		James, L. V.....	do.....	150 00
		Palne, E. B.....	do.....	291 66
		Waldo, E. H.....	do.....	166 66
		Moore, C. R.....	do.....	141 66
		Knight, A. R.....	do.....	141 66
		Miller, H. W.....	do.....	200 00
		Porter, F. M.....	do.....	133 33
		Steward, R. K.....	do.....	166 66
		Jordan, H. H.....	do.....	133 33
		Crane, Rufus.....	do.....	100 00
		Atwell, C. A.....	do.....	100 00
		Murphy, R. E.....	do.....	30 00
		Benedict, B. W.....	do.....	291 66
		Dent, J. A.....	do.....	150 00
		Frisk, J. A.....	do.....	91 66
		Goodenough, G. A.....	do.....	291 66
		Harding, L. A.....	do.....	291 66
		Leutwiler, O. A.....	do.....	250 00
		Richards, C. R.....	do.....	458 33
		Willard, A. C.....	do.....	225 00
		Waterfall, H. W.....	do.....	160 00
		Frank, Edwin.....	do.....	130 00
		Lanham, E. T.....	do.....	120 00
		Kennedy, R. E.....	do.....	150 00
		Radebaugh, G. H.....	do.....	150 00
		Gross, G. A.....	do.....	150 00
		Hogue, J. H.....	do.....	120 00
		DeFurk, J. E.....	do.....	130 00
		Duncan, J. M.....	do.....	90 00
		Rebman, F. J.....	do.....	90 00
		McDewell, H. S.....	do.....	130 00
		Holbrook, E. A.....	do.....	229 16
		Stock, H. H.....	do.....	416 66
		Callen, A. C.....	do.....	150 00
		Enger, M. L.....	do.....	208 33
		Fleming, V. R.....	do.....	150 00
		Talbot, A. N.....	do.....	416 66
		Seeley, F. B.....	do.....	168 66
		Boomsliter, G. P.....	do.....	150 00
		Ensign, N. E.....	do.....	141 66
		Babbitt, H. E.....	do.....	160 00
		Gardner, Harry.....	do.....	150 00
		Vallance, Alexander.....	do.....	150 00
		Pufnam, W. J.....	do.....	130 00
		Noerenberg, C. E.....	do.....	170 00
		Carman, A. F.....	do.....	416 66

## INSTRUCTION VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
I 1723 Ctd.	1915 Sept. 15	Knipp, C. T.	Salary	\$250 00
		Kunz, Jacob	do	229 16
		Schulz, W. F.	do	183 33
		Williams, E. H.	do	150 00
		Hyslop, W. H.	do	100 00
		Watson, F. R.	do	250 00
		Warner, E. H.	do	105 00
		Nathanson, J. B.	do	80 00
		Hill, C. F.	do	75 00
		Frazel, C. S.	do	50 00
		Randolph, O. A.	do	110 00
		Buck, A. M.	do	166 66
		Comstock, A. F.	do	166 66
		Schmidt, E. C.	do	375 00
		Snodgrass, J. M.	do	208 33
		Decker, E. H.	do	291 66
		Green, Frederick	do	312 50
		Harker, O. A.	do	333 33
		Hale, W. G.	do	291 66
		Pomeroy, J. N.	do	258 33
		Vernier, C. G.	do	312 50
		Carpenter, C. E.	do	208 33
		Babcock, K. C.	do	458 33
		Lake, E. J.	do	208 33
		Wetmore, Mary M.	do	150 00
		Bradbury, C. E.	do	150 00
		Stebbins, Joel	do	291 66
		Welo, L. A.	do	50 00
		Redd, F. W.	do	140 00
		Hottes, C. F.	do	250 00
		Stevens, F. L.	do	333 33
		Trelease, William	do	416 66
		Hague, Stella M.	do	110 00
		McDougal, W. B.	do	140 00
		Parr, Rosalie	do	80 00
		Dabey, Nora E.	do	60 00
		Quick, B. E.	do	60 00
		Davis, R. L.	do	50 00
		Pickler, W. E.	do	50 00
		Clayberg, H. D.	do	60 00
		Miles, L. E.	do	50 00
		Beach, W. S.	do	50 00
		Waggoner, H. D.	do	50 00
		Young, Esther	do	50 00
		Kempton, F. E.	do	60 00
		Sperry, J. E.	do	170 00
		Tanner, F. W.	do	60 00
		Gross, C. R.	do	30 00
		Balke, C. W.	do	270 83
		Derrick, C. G.	do	191 66
		Noyes, W. A.	do	458 33
		Parr, S. W.	do	166 66
		Smith, G. M.	do	166 66
		Washburn, E. W.	do	291 66
		Weber, H. C. P.	do	166 66
		Beal, G. D.	do	133 33
		Hopkins, B. S.	do	133 33
		MacInnes, D. A.	do	133 33
		McFarland, D. F.	do	200 00
		Lewis, H. B.	do	183 33
		Broderon, H. J.	do	140 00
		Hecker, C. H.	do	120 00
		Cann, Jessie Y.	do	120 00
		Olin, H. L.	do	120 00
		Sears, G. W.	do	120 00
		Kamm, Oliver	do	120 00
		Kreiners, H. C.	do	60 00
		Rees, E. A.	do	60 00
		Charlton, E. E.	do	60 00
		Hess, R. W.	do	60 00
		Rowland, Floyd	do	50 00
		Gilmore, R. E.	do	60 00
		Braley, S. A.	do	60 00
		Skinner, G. S.	do	50 00
		Vollweiler, E. H.	do	50 00
		Van Winkle, W. A.	do	50 00
		Ford, J. T.	do	50 00



## INSTRUCTION VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
I 1723 Ctd.	1915 Sept. 15	Footitt, F. W.	Salary	\$ 50 00
		Braham, J. M.	do	50 00
		Owens, A. W.	do	50 00
		Westhaefer, T. O.	do	50 00
		Hull, S. M.	do	50 00
		Bissell, D. W.	do	50 00
		Davidson, C. N.	do	50 00
		Karr, W. G.	do	50 00
		Shepard, A. D.	do	35 00
		Portz, H. G.	do	35 00
		Lee, K. R.	do	35 00
		Heinzelmann, A. M.	do	30 00
		Reed, J. K.	do	30 00
		Okey, Ruth E.	do	30 00
		Winkelmann, H. A.	do	30 00
		Reyerson, L. A.	do	30 00
		Beattie, H. J.	do	30 00
		Buell, Mary V.	do	30 00
		Yutema, L. F.	do	30 00
		Bruce, W. R.	do	30 00
		Jordan, Louis.	do	30 00
		Hufford, R. W.	do	30 00
		Potterf, L. O.	do	30 00
		Percy, Margaret.	do	30 00
		Updegraff, Helen.	do	30 00
		Powell, A. R.	do	30 00
		Cook, W. O.	do	10 00
		Morgan, R. W.	do	10 00
		Wrisley, G. A.	do	10 00
		Landstrom, A. M.	do	10 00
		Holton, J. T.	do	10 00
		Barton, H. J.	do	291 66
		Canter, H. V.	do	225 00
		Moss, C. M.	do	250 00
		Oldfather, W. A.	do	250 00
		Pease, A. S.	do	250 00
		Bagley, W. C.	do	458 33
		Johnston, C. N.	do	312 50
		Miller, W. S.	do	166 66
		Whipple, G. M.	do	270 83
		Brown, J. C.	do	291 66
		Berringer, Harriet J.	do	50 00
		Cobb, Margaret.	do	50 00
		Baldwin, E. C.	do	175 00
		Clark, T. A.	do	416 66
		Dodge, D. K.	do	270 83
		Fulton, Edward.	do	175 00
		Jones, H. S. V.	do	183 33
		Paul, H. G.	do	208 33
		Scott, F. W.	do	208 33
		Sherman, S. P.	do	458 33
		Woolbert, C. H.	do	166 66
		Zeitlin, Jacob.	do	158 33
		Creek, H. L.	do	125 00
		Boyer, C. V.	do	116 66
		Schoepperle, Gertrude.	do	116 66
		Kyle, Martha J.	do	25 00
		Alden, E. S.	do	120 00
		Rinaker, Clarissa.	do	130 00
		Harris, L. H.	do	120 00
		Tieje, R. E.	do	120 00
		Jones, E. S.	do	130 00
		Schultz, W. E.	do	120 00
		Downes, C. S.	do	120 00
		Gregory, Allene.	do	120 00
		Hustedt, S. B.	do	120 00
		Loomis, R. S.	do	120 00
		Harbarger, Sada A.	do	100 00
		Kelso, Ruth.	do	100 00
		Stanley, T. B.	do	100 00
		Sarett, L. E.	do	120 00
		Dixon, R. E.	do	120 00
		Beck, C. B.	do	50 00
		Cruzan, Myrtle.	do	50 00
		Hillebrand, H. M.	do	150 00
		Thurber, C. N.	do	50 00
		Whitford, R. C.	do	110 00
		Sutcliffe, E. G.	do	110 00

## INSTRUCTION VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
I 1723 Ctd.	1915 Sept. 15	Harrington, H. F.	Salary	\$166 66
		Folson, J. W.	do	208 33
		Forbes, S. A.	do	88 33
		MacGillivray, A. D.	do	250 00
		Mosher, Edna	do	100 00
		Hamilton, C. C.	do	30 00
		Bayley, W. S.	do	250 00
		Rolle, C. W.	do	250 00
		Savage, T. E.	do	225 00
		Rich, J. L.	do	170 00
		Ross, C. S.	do	60 00
		DuBois, H. M.	do	60 00
		Read, M. K.	do	50 00
		Van Tuye, F. M.	do	120 00
		Kennedy, L. E.	do	40 00
		Brooks, N. C.	do	208 33
		Flom, G. T.	do	233 33
		Goebel, Julius	do	312 50
		Lessing, O. E.	do	291 66
		Bloomfield, Leonard	do	166 66
		Gillet, J. E.	do	133 33
		Blaisdell, Daisy	do	110 00
		Williams, C. A.	do	150 00
		Kohler, A. H.	do	150 00
		Puckett, H. W.	do	150 00
		Nordmeyer, H. W.	do	130 00
		Kline, E. K.	do	120 00
		Greene, Alexander	do	150 00
		Alvord, C. W.	do	145 83
		Greene, E. B.	do	416 66
		Larson, L. M.	do	266 66
		Lybyer, A. H.	do	233 33
		Robertson, W. S.	do	208 33
		Jones, F. V. B.	do	150 00
		Pease, T. C.	do	125 00
		Cole, A. C.	do	150 00
		Brush, Elizabeth	do	100 00
		Gauger, Joe	do	40 00
		Borger, R. L.	do	125 00
		Crathorne, A. R.	do	166 66
		Emch, Arnold	do	187 50
		Lytle, E. B.	do	150 00
		Miller, G. A.	do	291 66
		Rietz, H. L.	do	158 33
		Shaw, J. B.	do	250 00
		Sisam, C. H.	do	183 33
		Townsend, E. J.	do	333 33
		Wahlin, G. E.	do	125 00
		Carmichael, R. D.	do	208 33
		Kempner, A. J.	do	133 33
		Denton, W. W.	do	140 00
		Chittenden, E. W.	do	140 00
		Wilson, L. T.	do	120 00
		Smith, G. W.	do	60 00
		Wilson, W. H.	do	60 00
		Borden, Raymond	do	60 00
		Frary, H. D.	do	60 00
		Beckley, J. S.	do	30 00
		Marshall, R. H.	do	60 00
		Roth, W. E.	do	60 00
		Bode, B. H.	do	291 66
		Daniels, A. H.	do	333 33
		Shepherd, Queen	do	130 00
		Haessler, Carl	do	100 00
		Burge, W. E.	do	216 66
		Beard, J. H.	do	116 66
		Neill, Alma J.	do	60 00
		Garner, J. W.	do	333 33
		Mathews, J. M.	do	191 66
		Fairlie, J. A.	do	291 66
		Story, R. M.	do	180 00
		Cushman, R. E.	do	120 00
		Bentley, Madison	do	270 83
		Ruckmich, C. A.	do	150 00
		Rahn, Carl	do	150 00
		Rogers, Sophie	do	35 00
		McKenzie, Kenneth	do	333 33
		Carnahan, D. H.	do	225 00

## INSTRUCTION VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
I 1723	1915 Sept. 15 Cld.	FitzGerald, J. D. II.	Salary	\$250 00
		Oliver, T. E.	do	250 00
		Seymour, A. R.	do	166 66
		Blondheim, D. S.	do	166 66
		Carry, C. S.	do	120 00
		Allen, Lewis	do	100 00
		Kessler, James	do	100 00
		Soto, Rafael	do	100 00
		Dawson, E. R.	do	100 00
		Laguardia, Garibaldi	do	100 00
		Stone, H. K.	do	100 00
		Moore, O. H.	do	141 66
		Shulters, J. R.	do	80 00
		Hayes, E. C.	do	275 00
		Stevens, J. G.	do	150 00
		Watkins, Gordon	do	50 00
		Kingsley, J. S.	do	291 66
		Smith, Frank	do	250 00
		Ward, H. B.	do	416 66
		Zeleny, Charles	do	250 00
		Shelford, V. E.	do	166 66
		VanCleave, H. J.	do	140 00
		May, H. G.	do	60 00
		Greene, Bessie	do	60 00
		Conel, Jessie	do	60 00
		Powers, E. B.	do	60 00
		Magath, T. B.	do	35 00
		Higgins, G. M.	do	35 00
		Baumgartner, Rachel	do	35 00
		Heimbürger, H. V.	do	60 00
		Bogart, E. L.	do	291 66
		Dewsnup, E. R.	do	250 00
		Litman, Simon	do	208 33
		Robinson, M. H.	do	250 00
		Weston, N. A.	do	270 83
		Hieronymus, R. E.	do	125 00
		Heilman, R. E.	do	216 66
		Thompson, C. M.	do	208 33
		Thompson, J. G.	do	200 00
		Chase, W. A.	do	240 00
		McJohnston, H.	do	200 00
		Dreesen, W. H.	do	60 00
		Stewart, C. L.	do	180 00
		Young, L. E.	do	250 00
		McMillen, G. B.	do	50 00
		Littleton, A. C.	do	125 00
		Scoville, H. T.	do	220 00
		Bond, Ethel	do	100 00
		Curtis, Florence	do	141 66
		Reece, E. J.	do	150 00
		Simpson, Frances	do	183 33
		Schwartz, G. F.	do	183 33
		Smith, Constance Barlow	do	166 66
		Erb, J. L.	do	250 00
		VandenBerg, H. J.	do	180 00
		Nasmyth, H. D.	do	170 00
		Morphy, E. W.	do	170 00
		Treat, Edna	do	100 00
		Harding, A. A.	do	83 33
		Day, W. B.	do	208 33
		Snow, C. M.	do	150 00
		Gathercoal, E. H.	do	108 33
		Eicher, B. L.	do	83 33
		Colson, H. W.	do	83 33
		Fantus, Bernard	do	16 66
		Clark, A. H.	do	150 00
I 1724	Sept. 15	John L. Munson	Traveling expenses	\$ 3 45
I 1725	do	Twin City Ice & Cold Storage Co.	Ice	4 00
I 1726	do	Saunders Engraving Co.	Map plate	4 60
I 1727	do	M. E. Thompson, Cashier	General labor	147 30
I 1728	do	M. E. Thompson, Cashier	Bills paid	286 37
I 1729	Sept. 16	Stebbins Hardware Co.	Aluminum wire	2 20
I 1730	do	General Chemical Co.	Ammonia	3 83
I 1731	do	Illinois Glass Co.	Chemicals	13 70
I 1732	do	E. H. Sargent & Co.	Flasks and burners	50 38
I 1733	do	Mallory, Mitchell & Faust	Advertising	116 39
I 1734	do	Western Educational Advertising Co.	do	5 31
I 1735	do	Western Electric Co.	Fan	15 08

## INSTRUCTION VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1915			
I 1736	Sept. 16	Huntley Dairy Co.	Kazol	\$ 1 95
I 1737	do.	Duperquet, Huot & Moneuse Co.	Antoclave copper	187 50
I 1738	do.	Physicians' Supply & Drug Co.	Hypo needles	1 00
I 1739	do.	V. Mueller & Co.	Medical supplies	7 80
I 1740	do.	Western Lumber Co.	Building material	37 89
I 1741	do.	Maas Brothers	Medical supplies	62 65
I 1742	do.	F. M. Foltz	Labor	4 20
I 1843	do.	Naomi Newburn	Lecture	5 00
I 1744	do.	Olive Percival	do	25 00
I 1745	do.	N. B. Garver	Traveling expenses	3 10
I 1746	do.	Mollet & Moller	Rubber gloves	1 00
I 1747	do.	F. W. Garrett	Traveling expenses	54 08
I 1748	do.	H. C. Gilkerson	do	15 45
I 1749	do.	A. J. Gunderson	do	3 84
I 1750	do.	Arthur Ochs	White rats	3 00
I 1751	do.	Colonial Hospital Supply Co.	Plaster	20 40
I 1752	do.	John Becker	Cats and rabbits	24 75
I 1753	do.	C. L. Frame Dental Supply Co.	Dental supplies	10 55
I 1754	do.	Fuller-Morrison Co.	Medical supplies	109 89
I 1755	do.	A. C. McClurg & Co.	Office supplies	22 36
I 1756	do.	The University Hospital	Board and room	96 00
I 1757	do.	Chicago Telephone Co.	Telephone	11 42
I 1758	do.	Calumet Laundry Co.	Laundry	46 65
I 1759	do.	Chicago Towel Co.	Laundry	35 27
I 1760	do.	C. E. Durst	Traveling expenses	32 24
I 1761	do.	Edw. A. Schwing	do	5 52
I 1762	do.	Mrs. E. B. Walton	do	68 87
I 1763	do.	E. B. Walton	Labor	47 83
I 1764	do.	American Radiator Co.	Pipes and valves	47 65
I 1765	do.	Cameron-Schroth Co.	Engineers supplies	15 84
I 1766	do.	Harms & Scheuber	Carrots	5 00
I 1767	do.	I. D. Allison	Traveling expenses	17 13
I 1768	do.	Architectural Book Publishing Co.	Books	67 35
I 1769	do.	R. W. Dickenson	Traveling expenses	41 08
I 1770	do.	E. E. Glick	do	22 32
I 1771	do.	Frederic B. Stevens	Corner fasteners	8 60
I 1772	do.	Ichabod T. Williams & Sons	Pieces mahogany	132 57
I 1773	do.	The Carborundum Co.	Office supplies	15 93
I 1774	do.	The Billings & Spencer Co.	Gauge blanks	5 17
I 1775	do.	The David Maydole Hammer Co.	Hammers	2 99
I 1776	do.	The Standard Scale & Supply Co.	Scale	25 20
I 1777	do.	Textile Mfg. Co.	Wiping cotton	10 00
I 1778	do.	C. L. Ritts	Wages, August, 1915	27 55
I 1779	Sept. 17	J. M. Lindgren	Butter analysis	20 00
I 1780	do.	B. H. Pinnell, Cashier, First National Bank, Kansas, Ill.	Live stock	535 00
I 1781	do.	Percival & Moorehead	Screws	3 76
I 1782	do.	F. K. Robeson	Toweling	10 00
I 1783	do.	Illinois Pharmaceutical Association	Advertising	20 00
I 1784	do.	Ludwig Wilson Brush & Supply Co.	Force pump	1 50
I 1785	do.	E. E. Hoskins	Traveling expenses	13 62
I 1786	do.	Chas. A. Campbell	do	23 78
I 1787	do.	Harrison Fahrnkopf	do	8 53
I 1788	do.	C. W. Crabtree	Field work	93 60
I 1789	do.	H. J. Snider	Traveling expenses	98 34
I 1790	do.	Armour Fertilizer Works	Fertilizer	24 76
I 1791	do.	Ulric Johnson	Field work	22 25
I 1792	do.	A. L. Moats	do	21 92
I 1793	do.	H. A. Winter	Traveling expenses	40 00
I 1794	do.	S. V. Holt	do	30 76
I 1795	do.	F. W. Wascher	do	32 75
I 1796	do.	W. T. Robinson	Printing	4 50
I 1797	do.	Flanigan-Pearson Co.	do	4 50
I 1798	do.	Pay roll	September, 1915	4,354 15
		Alley, W. E.	Salary	\$100 00
		Beadles, Jessie R.	do	65 00
		Bowen, Evalena	do	70 00
		Brownfield, Lelah H.	do	50 00
		Buchanan, Harold C.	do	70 00
		Buckles, Mildred E.	do	65 00
		Clemence, Hazel	do	70 00
		Cover, Hazel W.	do	65 00
		Craigmile, Jeannette	do	50 00
		Crawford, C. C.	do	70 00
		Custer, Emma L.	do	75 00
		Dalton, C. E.	do	50 00
		Davis, Vera M.	do	55 00
		Devine, Jeannette	do	70 00

## INSTRUCTION VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
I 1798	Sept. 17 Cld.	1915		
		Fieg, Robert J.	Salary	\$ 50 00
		Garwood, Frances	do	60 00
		Geyer, Helen	do	25 00
		Glenn, Eleanor	do	55 00
		Goodspeed, W. S.	do	90 00
		Gordon, Marie A.	do	60 00
		Griffith, Mabel F.	do	75 00
		Halliday, Mabel	do	60 00
		Hamilton, Mrs. Alice V.	do	100 00
		Hathaway, Kenneth	do	50 00
		Hayes, James B.	do	100 00
		Hayward, Nellie	do	60 00
		Heater, Myrtle	do	65 00
		Hull, A. H.	do	70 00
		Jay, Edith L.	do	55 00
		Leitz, Louise A.	do	45 00
		McGurty, Agnes	do	91 66
		McIntire, W. A.	do	50 00
		McMillen, Mary B.	do	50 00
		Manley, Verna	do	50 00
		Manspeaker, Lotta M.	do	100 00
		Mesecck, Rudolph	do	65 00
		Miller, C. F.	do	100 00
		Millar, Mary	do	70 00
		Mock, Forrest	do	55 00
		Nagle, Sybil	do	55 00
		Nyberg, Florence A.	do	55 00
		Oliver, Flossie M.	do	50 00
		Packard, Bessie	do	75 00
		Peel, Thomas	do	65 00
		Pergande, Robert	do	95 00
		Peters, Helen A.	do	65 00
		Probst, Alice	do	50 00
		Ressler, Milton	do	80 00
		Rhoades, Hazel	do	65 00
		Riggs, Bess	do	45 00
		Rock, Hazel	do	55 00
		Rogers, Della M.	do	50 00
		Rohweder, Emma	do	45 00
		Ross, Anne	do	55 00
		Scanlan, Mary	do	70 00
		Slater, Sarah M.	do	65 00
		Smith, Mayme L.	do	70 00
		States, Bertha G.	do	55 00
		Taft, Mary	do	70 00
		Vaubel, Daniel	do	70 00
		Wheeler, H. H.	do	70 00
		Williamson, Paul	do	83 33
		Winchester, B. L.	do	54 16
		Wyninger, H. T.	do	60 00
		Ellis, E. R.	do	50 00
		Lonius, J. O.	do	90 00
		Vanderbeck, H. J.	do	65 00
I 1799	Sept. 21	Urbana Stamp Works	Rubber stamps	\$ 2 00
I 1800	do	W. S. Brock	Traveling expenses	23 20
I 1801	do	M. J. Frucha	do	63 67
I 1802	do	Vaughan's Seed Store	Forssum	5 57
I 1803	do	Percival & Morehead	General supplies	3 25
I 1804	do	McGraw-Hill Book Co.	Books	3 00
I 1805	do	Kimur & Amend	Laboratory supplies	68 34
I 1806	do	Woldenberg & Schar	Filter paper	16 32
I 1807	do	E. H. Sargent & Co.	Chemicals	144 70
I 1808	do	H. K. Rulison	Traveling expenses	18 80
I 1809	do	W. W. Yapp	do	5 35
I 1810	do	Frank Turner	do	21 01
I 1811	do	Fitted Steel Sash Co.	Steel sash	25 00
I 1812	do	Bradner Smith & Co.	Binders board	21 00
I 1813	do	Cooper Hewitt Electric Co.	Hewitt lamps	120 00
I 1814	do	Machinist Supply Co.	Pins	3 45
I 1815	do	Medart Patent Fulley Co.	General supplies	22 48
I 1816	do	W. R. Bradley & Co.	Food supplies	66 03
I 1817	do	E. H. Sargent & Co.	Laboratory supplies	28 28
I 1818	do	Harry L. Eaton	Services	25 00
I 1819	do	M. E. Thompson, Cashier	Bills paid	4 34
I 1820	do	Times Printing Co.	Printing	4 50
I 1821	do	Flanigan-Pearson Co.	do	20 75
I 1822	do	The University Press	do	31 40
I 1823	do	R. W. Hess	Wages, September, 1915	36 00

## INSTRUCTION VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
<b>1915</b>				
I 1824	Sept. 22	A. F. Gustafson	Traveling expenses	\$ 21 62
I 1825	do.	Wm. Powell	Field expenses	29 21
I 1826	do.	E. E. Hoskins	Traveling expenses	20 01
I 1827	do.	J. T. Newsome	do.	28 01
I 1828	do.	F. C. Bauer	do.	6 00
I 1829	do.	Harrison Fahrnkopf	do.	22 38
I 1830	do.	W. W. Wilson	do.	23 73
I 1831	do.	Claude Harper	do.	14 10
I 1832	do.	O. M. Allyn	do.	20 66
I 1833	do.	E. T. Ebersol	do.	17 54
I 1834	do.	E. E. Glick	do.	13 92
I 1835	do.	A. J. Gunderson	do.	14 08
I 1836	Sept. 24	D. T. Dobbins	Shelling corn	12 62
I 1837	do.	Scheidel Western X-Ray Co.	Meter repairs	12 02
I 1838	do.	The Western Electric Co.	Fuses	1 26
I 1839	do.	V. Mueller & Co.	Films	8 20
I 1840	do.	Mallory, Mitchell & Faust	Advertising	352 41
I 1841	do.	Marshall Field & Co.	Fountain pen	3 50
I 1842	do.	Chicago Addressing Co.	Advertising	30 32
I 1843	do.	Hamblin Plumbing Co.	Plumbing	145 98
I 1844	do.	Pittsburgh Plate Glass Co.	Glass	2 20
I 1845	do.	Huntley Dairy Co.	Dairy products	1 30
I 1846	do.	A. C. McClurg & Co.	Cabinet	13 34
I 1847	do.	C. L. Frame Dental Supply Co.	Dental supplies	8 25
I 1848	do.	S. E. Huff & Co.	Lime	3 75
I 1849	do.	D. H. Lloyd	General supplies	2 20
I 1850	do.	Burley & Tyrrell Co.	Cafeteria supplies	65 29
I 1851	do.	B. A. Raiton Co.	Food stuffs	65 50
I 1852	do.	Champaign Steam Laundry	Laundry	28 17
I 1853	do.	E. W. Sampson	Harness	28 00
I 1854	do.	Mosier Safe Co.	Freight	4 48
I 1855	do.	The Zenner Disinfectant Co.	Disinfectant	48 00
I 1856	do.	Irving Pitt Mfg. Co.	Binders	8 45
I 1857	do.	F. M. Flotz	Horseshoes	7 00
I 1858	do.	Watson Faulkner	General supplies	2 30
I 1859	do.	The Bluetics Co.	Methylene Blue	57 50
I 1860	do.	Stipes & Hecker	Cement	1 75
I 1861	do.	H. Swannell & Son	General supplies	2 30
I 1862	do.	William McFall	Wheat straw	86 36
I 1863	do.	The American Guernsey Cattle Club	Entries	14 00
I 1864	do.	B. C. Wagner & Son	Ash coal	19 96
I 1865	do.	Pilon Refiners	Sundries	38 25
I 1866	do.	Indian Refining Co.	Gasoline	30 63
I 1867	do.	Wilson Brothers	Teaming	25 50
I 1868	do.	Neostyle Co.	Diaphragms	2 00
I 1869	do.	The Western Druggist	Advertising	25 00
I 1870	do.	Library Bureau	Oak cabinet	35 95
I 1871	do.	J. W. Butler Paper Co.	Ledger mills	34 00
I 1872	do.	Reliable Plumbing & Heating Co.	Heating supplies	14 20
I 1873	do.	The New Era Printing Co.	Advertising	8 96
I 1874	do.	Underwood Typewriter Co.	Typewriters	1,500 00
I 1875	do.	Houston Printing Co.	Advertising	3 00
I 1876	do.	New York Evening Post Co.	Subscription	5 00
I 1877	do.	The Ohio State Journal Co.	do.	7 00
I 1878	do.	Bee Publishing Co.	do.	3 00
I 1879	do.	The Inland Printer	do.	3 00
I 1880	do.	The New York Sun	do.	7 65
I 1881	do.	St. Louis Globe-Democrat	do.	4 50
I 1882	do.	A. W. Shaw Co.	do.	1 80
I 1883	do.	St. Louis Republic	do.	3 00
I 1884	do.	The Republican Co.	do.	8 50
I 1885	do.	Globe Publishing Co.	do.	1 50
I 1886	do.	Oswald Publishing Co.	do.	3 00
I 1887	do.	The Editor & Publisher Co.	do.	2 00
I 1888	do.	Chicago Evening Post	do.	2 40
I 1889	do.	Courier Journal Co.	do.	7 20
I 1890	do.	The Pantagraph	do.	3 00
I 1891	do.	Kansas City Star	do.	5 00
I 1892	do.	Reedy's Mirror	do.	1 00
I 1893	do.	The Peoria Journal	do.	2 00
I 1894	do.	The Enquirer	do.	9 33
I 1895	do.	Buff & Buff Mfg. Co.	Buff level repairs	14 75
I 1896	do.	Jones & Laughlin Steel Co.	Square steel	1 91
I 1897	do.	National Carbon Co.	Batteries	12 00
I 1898	do.	F. M. Leslie	Films	15 00
I 1899	do.	General Electric Co.	Electrical supplies	348 96
I 1900	do.	Champaign Sand Co.	Alfalfa meal	14 50
I 1901	do.	White Line Laundry	Laundry	6 35

## INSTRUCTION VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1915			
I 1902	Sept. 24	Schwietzka Brothers	Stencil	\$ 1 75
I 1903	..do..	Chester Horseshoeing Shop	Horseshoes	9 00
I 1904	..do..	Conner & Quayle	..do..	12 00
I 1905	..do..	The University Press	Printing	3 50
I 1906	..do..	Flanigan-Pearson Co.	..do..	63 75
I 1907	..do..	The University Press	..do..	30 65
I 1908	..do..	J. S. Whitmore	Wages, September, 1915.	60 00
I 1909	..do..	A. J. Stoneburner	..do..	50 00
I 1910	..do..	Charles Pollard	..do..	50 00
I 1911	..do..	Ralph Chaplin	..do..	60 00
I 1912	..do..	D. C. Sprinkle	..do..	50 00
I 1913	..do..	H. O. Woodworth	..do..	55 00
I 1914	..do..	Asa Egelston	..do..	45 00
I 1915	..do..	C. E. Zachmire	..do..	50 00
I 1916	..do..	H. D. McQueen	..do..	55 00
I 1917	..do..	Will Patterson	..do..	50 00
I 1918	..do..	M. F. Stivers	..do..	50 00
I 1919	..do..	W. M. Woods	..do..	50 00
I 1920	..do..	Dan Whitley	..do..	45 00
I 1921	..do..	Lavina Dille	..do..	60 00
I 1922	..do..	J. E. Morgan	..do..	15 00
I 1923	..do..	Lawrence Nesbit	..do..	55 00
I 1924	..do..	Lulu Meyers	..do..	50 00
I 1925	..do..	George Bote	..do..	85 00
I 1926	..do..	John Flocken	..do..	65 00
I 1927	..do..	Earl Meenach	..do..	70 00
I 1928	..do..	J. E. Murdock	..do..	65 00
I 1929	..do..	John Palfrey	..do..	75 00
I 1930	..do..	F. L. Louret	..do..	50 00
I 1931	..do..	Elmer Jenkins	..do..	60 00
I 1932	..do..	Geo. Jensen	..do..	60 00
I 1933	..do..	A. C. Peterson	..do..	50 00
I 1934	..do..	W. T. Marsh	..do..	50 00
I 1935	..do..	Andrew Tornquist	..do..	75 00
I 1936	..do..	M. D. Rose	..do..	55 00
I 1937	..do..	B. H. Dunlap	..do..	70 00
I 1938	..do..	L. A. Hunter	..do..	80 00
I 1939	..do..	J. T. Newsome	..do..	45 00
I 1940	..do..	F. C. Newsome	..do..	45 00
I 1941	..do..	T. V. Newsome	..do..	45 00
I 1942	..do..	C. C. Chapsman	..do..	100 00
I 1943	..do..	J. R. Kelley	..do..	65 00
I 1944	..do..	J. E. Morgan	..do..	40 00
I 1945	..do..	Alice Reed	..do..	60 00
I 1946	..do..	Elizabeth Cullom	..do..	17 50
I 1947	..do..	Florence Churton	..do..	20 00
I 1948	..do..	H. A. Cate	..do..	70 00
I 1949	..do..	Lloyd R. Caldwell	..do..	50 00
I 1950	..do..	W. W. Wilson	..do..	50 00
I 1951	..do..	H. W. Day	..do..	28 50
I 1952	..do..	M. E. Leach	..do..	42 00
I 1953	..do..	W. T. Martin	..do..	30 08
I 1954	..do..	J. L. Munson	..do..	24 40
I 1955	..do..	Ralph Engle	..do..	55 00
I 1956	..do..	W. L. Bennett	..do..	75 00
I 1957	..do..	Robert W. Stark	..do..	100 00
I 1958	..do..	G. S. Beaumont	..do..	65 00
I 1959	..do..	R. S. Dunham	..do..	60 00
I 1960	..do..	E. E. Glick	..do..	28 25
I 1961	..do..	C. T. Hufford	..do..	50 00
I 1962	..do..	K. W. Parkinson	..do..	24 00
I 1963	..do..	E. J. Pilchard	..do..	45 00
I 1964	..do..	B. H. Questel	..do..	45 00
I 1965	..do..	G. L. Rigg	..do..	14 00
I 1966	..do..	J. F. Romine	..do..	55 00
I 1967	..do..	Douglas Wright, Jr.	..do..	25 00
I 1968	..do..	T. R. Shively	..do..	60 00
I 1969	..do..	J. C. Anderson	..do..	70 00
I 1970	..do..	Florence Stoutzenberg	..do..	55 00
I 1971	..do..	Emmett C. Lee	..do..	60 00
I 1972	..do..	Howard G. Osborne	..do..	60 00
I 1973	..do..	I. J. Reinhart	..do..	20 00
I 1974	..do..	R. W. Traxler	..do..	50 00
I 1975	Sept. 25	John Reichard	Grain	368 61
I 1976	..do..	W. Lewis & Co.	Bunting	9 84
I 1977	..do..	Sleeter Bull	Traveling expenses	17 95
I 1978	..do..	James H. Greene	..do..	34 49
I 1979	..do..	C. A. Hall Hardware Co.	Baskets	19 50

## INSTRUCTION VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1915			
I 1980	Sept. 25	Oldham Brothers.....	Iodine.....	\$ 1 25
I 1981	.do.	Pilon-Rogers.....	Services.....	10 90
I 1982	.do.	Champaign Seed Co.....	Oil meal.....	547 50
I 1983	.do.	G. Adde.....	Books.....	76 75
I 1984	.do.	The National Druggist.....	Advertising.....	25 00
I 1985	.do.	Milwaukee Chair Co.....	Arm chair.....	7 00
I 1986	.do.	Devoe & Reynolds Co.....	Drawing paper.....	12 00
I 1987	.do.	Franklin Desk Factory.....	Desk.....	37 00
I 1988	.do.	The Day Book.....	Subscription.....	2 00
I 1989	.do.	Twin City Ice & Cold Storage Co.....	Ice.....	24 00
I 1990	.do.	Twin City Printing Co.....	Office supplies.....	3 25
I 1991	.do.	Wilson Brothers.....	Teaming.....	66 00
I 1992	.do.	Champaign Steam Laundry.....	Laundry.....	4 60
I 1993	.do.	Baker & Co.....	Platinum wire.....	15 89
I 1994	.do.	Burroughs Adding Machine.....	Ribbon.....	3 15
I 1995	.do.	Digestive Ferments Co.....	Laboratory supplies.....	48 30
I 1996	.do.	Chicago Fire Proof Storage Warehouse.....	Storage.....	3 00
I 1997	.do.	Merck & Co.....	Laboratory supplies.....	13 65
I 1998	.do.	Woldenberg & Schaar.....	.do.....	61 50
I 1999	.do.	W. C. Rodgers.....	Labor.....	9 24
I 2000	.do.	The Young & Bennett Press.....	Labels.....	1 45
I 2001	.do.	T. P. Sifford.....	Labor.....	42 80
I 2002	.do.	Vaughan's Seed Store.....	Seed.....	1 00
I 2003	.do.	H. J. Snider.....	Traveling expenses.....	17 61
I 2004	.do.	F. W. Garrett.....	.do.....	10 94
I 2005	.do.	J. E. Whitechurch.....	.do.....	33 60
I 2006	.do.	H. C. Wheeler.....	.do.....	121 46
I 2007	.do.	F. W. Wascher.....	.do.....	27 77
I 2008	.do.	R. W. Dickenson.....	.do.....	43 56
I 2009	.do.	S. V. Holt.....	.do.....	47 41
I 2010	.do.	J. P. Aumer.....	.do.....	11 31
I 2011	.do.	E. Van Alstine.....	.do.....	13 82
I 2012	.do.	W. L. Burlison.....	.do.....	10 24
I 2013	.do.	D. H. Lloyd.....	Office equipment.....	66 52
I 2014	.do.	Eugene Dietzgen Co.....	Tables.....	189 00
I 2015	.do.	Eisner Grocery Co.....	Food stuffs.....	20 01
I 2016	.do.	Huntley Dairy Co.....	Dairy products.....	2 60
I 2017	.do.	V. Mueller & Co.....	Machinery apparatus.....	3 60
I 2018	.do.	Barron Bros. Coal Co.....	Animal feed.....	2 49
I 2019	.do.	Arthur Ochs.....	Laboratory material.....	54 00
I 2020	.do.	Paul M. Henzstenberg.....	Sterilizer.....	147 00
I 2021	.do.	Commonwealth Edison Co.....	Meter reading.....	202 47
I 2022	.do.	Keystone Electrotype Co.....	Electro.....	1 19
I 2023	.do.	Hamblin Plumbing Co.....	Plumbing supplies.....	105 05
I 2024	.do.	Illinois Malleable Iron Co.....	Boiler repairs.....	18 10
I 2025	.do.	Western Lumber Co.....	Lumber.....	3 60
I 2026	.do.	Ahrens & Schreiner.....	Animal feed.....	1 00
I 2027	.do.	Maas Brothers.....	General supplies.....	3 25
I 2028	.do.	Bausch & Lomb Optical Co.....	.do.....	27 41
I 2029	.do.	Eimer & Amend.....	Ball mill.....	30 00
I 2030	.do.	The Globe-Wernicke Co.....	Tab guides.....	7 44
I 2031	.do.	Chicago Telephone Co.....	Telephone.....	32 90
I 2032	.do.	Kasen's Express & Van Co.....	Express.....	10 49
I 2033	.do.	Spencer Lens Co.....	Pressure register.....	5 40
I 2034	.do.	Remington Typewriter Co.....	Carbon.....	10 00
I 2035	.do.	Monahan Antiseptic Co.....	Oil soap.....	22 50
I 2036	.do.	The R. D. Swisher Mfg. Co.....	Office supplies.....	1 95
I 2037	.do.	Central Scientific Co.....	Tin cups.....	6 50
I 2038	.do.	Advance Packing & Supply Co.....	Gaskets.....	2 36
I 2039	.do.	Fuller Morrison.....	Shoe polish.....	2 25
I 2040	.do.	Dearborn Chemical Co.....	Engineers supplies.....	25 20
I 2041	.do.	A. C. McClurg & Co.....	Record file.....	1 10
I 2042	Sept. 27	W. B. Castenholz, Comptroller.....	Material furnished from University storeroom.....	354 00
I 2043	.do.	W. B. Castenholz, Comptroller.....	.do.....	100 32
I 2044	.do.	W. B. Castenholz, Comptroller.....	.do.....	44 45
I 2045	.do.	W. B. Castenholz, Comptroller.....	.do.....	672 27
I 2046	.do.	The Oregonian.....	Subscription.....	4 00
I 2047	.do.	Republic Publishing Co.....	.do.....	4 00
I 2048	.do.	The Independent.....	.do.....	2 60
I 2049	.do.	The North American.....	.do.....	2 40
I 2050	.do.	Boston Transcript.....	.do.....	7 20
I 2051	.do.	Underwood & Underwood.....	Office supplies.....	70 45
I 2052	.do.	Miller Harness Co.....	Harness.....	3 00
I 2053	.do.	A. F. Jacobs.....	Rye.....	1 20
I 2054	.do.	W. M. Miller & Sons.....	Rope.....	11 84
I 2055	.do.	Kaufman-Lattimer Co.....	Laboratory supplies.....	1 38
I 2056	.do.	J. L. Edmonds.....	Traveling expenses.....	7 35



## INSTRUCTION VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1915			
I 2057	Sept. 27	Jacob Ten Boer	Field work.	\$ 59 60
I 2058	..do..	Geo. W. Medley	..do..	92 95
I 2059	..do..	Irving Pitt Mfg. Co.	Binders	3 38
I 2060	..do..	Bateman Mfg. Co.	Drill seeder	6 75
I 2061	..do..	L. V. Walcott	Services	30 00
I 2062	..do..	Alexander Lumber Co.	Pine	1 89
I 2063	..do..	W. Lewis & Co.	General supplies	1 80
I 2064	..do..	E. A. Eichhorst	Brushes	1 55
I 2065	..do..	Bacon Brothers	Paint	1 50
I 2066	..do..	F. K. Robeson	Towels	7 25
I 2067	..do..	J. A. Frisk	Hose	2 10
I 2068	..do..	Machinist Supply Co.	General supplies	49 41
I 2069	..do..	Hammacher, Schlemmer & Co.	Copper	4 09
I 2070	..do..	T. H. Craig	Book rack	2 50
I 2071	..do..	E. H. Sargent & Co.	Pulleys	1 50
I 2072	..do..	Chas. V. Pollock	Prints	15 00
I 2073	..do..	G. C. Willis	Cheese cloth	5 76
I 2074	..do..	Journal Terrestrial Magnetism	Printing	5 50
I 2075	..do..	Leavitt Mfg. Co.	Door frames	12 00
I 2076	..do..	Meyer Brothers Druggist	Advertising	15 00
I 2077	..do..	The R. W. McCready Cork Co.	Corks	30 16
I 2078	..do..	Siegel, Cooper & Co.	Flannel	3 38
I 2079	..do..	Illinois Surety Co.	Incidentals	5 00
I 2080	..do..	E. H. Sargent & Co.	Laboratory supplies	28 90
I 2081	..do..	McKey & Poague, Agents	Rent	500 00
I 2082	..do..	C. H. Knight-Thearle Co.	Laboratory supplies	15 00
I 2083	..do..	Garlock Packing Co.	Packing	11 28
I 2084	..do..	Reliable Plumbing & Heating Co.	General supplies	12 93
I 2085	..do..	The University of Illinois Supply Store.	..do..	10 39
I 2086	..do..	John H. Doyle	..do..	5 35
I 2087	..do..	Twin City Ice & Cold Storage Co.	Ice	14 00
I 2088	..do..	Percival & Moorehead	General supplies	16 95
I 2089	..do..	The Burr Co.	..do..	11 80
I 2090	..do..	B. A. Strauch	Blue printing	2 45
I 2091	..do..	Taylor Hardware Co.	General supplies	46 68
I 2092	..do..	Roy Argo	Wages, September, 1915	60 00
I 2093	..do..	Lucy M. Barto	..do..	20 00
I 2094	..do..	D. T. Brooks	..do..	55 00
I 2095	..do..	Jasper Dillion	..do..	60 00
I 2096	..do..	W. J. Engle	..do..	80 00
I 2097	..do..	W. J. Hampton	..do..	75 00
I 2098	..do..	W. C. Jones	..do..	75 00
I 2099	..do..	Henry Mapes	..do..	50 00
I 2100	..do..	Fred Pine	..do..	80 00
I 2101	..do..	Frank Sanders	..do..	50 00
I 2102	..do..	J. F. Smith	..do..	75 00
I 2103	..do..	Charles H. Wheatecraft	..do..	50 00
I 2104	..do..	C. F. Harding	..do..	33 33
I 2105	..do..	J. W. Rinesmith	Wages, August, 1915	45 83
I 2106	Sept. 28	Pay roll	September, 1915	1,433 33
		Browne, W. H.	Salary	\$250 00
		Ameson, Mabel L.	..do..	75 00
		Heermann, Louise B.	..do..	60 00
		Watson, Ethel	..do..	50 00
		Cole, H. W.	..do..	100 00
		Tomlinson, Joseph S.	..do..	125 00
		Fletcher, Edward C.	..do..	100 00
		Froberg, Eric	..do..	75 00
		Allen, Mrs. Josephine	..do..	55 00
		Hoy, Anna	..do..	60 00
		Seaberg, Elin M.	..do..	60 00
		Loomis, Metta M.	..do..	83 33
		David, Eshoo	..do..	55 00
		Tomek, Georgiana	..do..	65 00
		Gubbins, Maud	..do..	65 00
		Moorehead, Mary M.	..do..	40 00
		Bolan, Anna R.	..do..	65 00
		David, Paul	..do..	60 00
I 2107	..do..	Pay roll	September, 1915	150 00
		Garwood, Helen S.	Salary	25 00
		Harper, Julia	..do..	75 00
		Van den Boom, Leona	..do..	50 00
I 2108	..do..	Pay roll	September, 1915	4,534 64
		Eycleshymer, A. C.	Salary	416 66
		Jones, T. S.	..do..	83 33
		Moodie, R. L.	..do..	166 66
		Boellie, Louis	..do..	80 00
		Kramer, M.	..do..	60 00

## INSTRUCTION VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
I 2108	1915 Sept. 28	Welker, W. H.	Salary	\$250 00
Cld.		Smith, C. S.	do	166 66
		Tracy, G. C.	do	83 33
		Small, J. C.	do	50 00
		Dreyer, G. P.	do	333 33
		Pearce, R. G.	do	76 39
		Davis, D. J.	do	416 66
		Boughton, T. H.	do	150 00
		Burmeister, W. H.	do	166 66
		Weedon, Amy G.	do	70 00
		Moore, Josiah J.	do	150 00
		Gaffney, Carl O.	do	70 00
		Fantus, Bernard	do	166 66
		Shaklee, A. O.	do	166 66
		Simmonds, W. E.	do	50 00
		Hiskey, George N.	do	45 00
		Moorehead, F. B.	do	249 99
		Schultz, Louis.	do	41 66
		Gallie, D. M.	do	83 33
		Bake, L. E.	do	50 00
		Dittmar, G. W.	do	83 33
		Starr, S. P.	do	50 00
		Coolidge, E. D.	do	83 33
		Noyes, F. B.	do	125 00
		Bernard, F. J.	do	25 00
		Deist, M. W.	do	100 00
		McGuire, J. C.	do	200 00
		Krejci, E. J.	do	100 00
		Kaplan, J. H.	do	125 00
I 2109	do	Garfield Jones	Salary, September, 1915	\$ 16 94
I 2110	do	Clyde Hamlin.	do	60 00
I 2111	do	Mrs. Lizzie Shue	do	15 40
I 2112	do	Mrs. A. D. Horn	do	21 60
I 2113	do	Mrs. May Kramer	do	27 69
I 2114	do	Nicholas Michalovich	do	41 67
I 2115	do	Peter Drennan	do	80 00
I 2116	do	Harry Schultz.	do	35 00
I 2117	do	Jacob Solomon	do	50 00
I 2118	do	John T. Blackwell	do	60 00
I 2119	do	William Braun	do	40 00
I 2120	do	Edwin J. Johns	do	45 00
I 2121	do	Joseph Klema	do	60 00
I 2122	do	Simon David	do	50 00
I 2123	do	Elia George	do	50 00
I 2124	do	John Kastanos	do	50 00
I 2125	do	Johann Becker	do	55 00
I 2126	do	William Kerachan	do	50 00
I 2127	do	W. L. Harry	Wages, September, 1915	100 00
I 2128	do	Harry Pritchard	do	70 00
I 2129	do	Ralph Pritchard	do	55 00
I 2130	do	Emmett Bretlinger	do	55 00
I 2131	do	Lawrence Utterback	do	50 00
I 2132	do	H. R. Farrington	do	50 00
I 2133	do	Claude Moulder	do	50 00
I 2134	do	G. H. Colman	do	45 00
I 2135	do	Edd Taylor	do	50 00
I 2136	do	Lucy Lowe	do	45 00
I 2137	Sept. 29	W. B. Castenholz, Comptroller	Material furnished from University storeroom	221 99
I 2138	do	Flanigan-Pearson Co.	Printing	9 02
I 2139	do	Twin City Bindery & Blank Book Co.	do	46 35
I 2140	do	The Tablet & Ticket Co.	Office supplies	7 30
I 2141	do	J. R. Ziesenheim	Traveling expenses	10 75
I 2142	do	Eugene Dietzgen	Ranging poles	15 80
I 2143	do	J. G. Mosier	Traveling expenses	16 21
I 2144	do	Jos. H. Checkley	do	3 00
I 2145	do	James H. Greene	do	15 89
I 2146	do	William Sullivan	Rent	400 00
I 2147	do	H. L. Reitz	Traveling expenses	46 98
I 2148	do	M. J. Prucha	do	23 29
I 2149	do	H. A. Harding	do	58 24
I 2150	do	Lloyd R. Caldwell	do	35 39
I 2151	do	L. D. Tilton	do	1 30
I 2152	do	Leon D. Tilton	do	9 92
I 2153	do	B. S. Pickett	do	24 02
I 2154	do	J. H. Torrey & Co.	Straps	2 00
I 2155	do	Eimer & Amend	Laboratory supplies	36 35
I 2156	do	Keuffel & Esser Co.	do	1 50

## INSTRUCTION VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1915			
I 2157	Sept. 29	Dan G. Swannell.....	Premium renewal.....	\$ 5 00
I 2158	..do.	Fuller-Morrisson Co.....	Mercury.....	96 52
I 2159	..do.	The Linde Air Products Co.....	Oxygen.....	3 00
I 2160	..do.	American Pharmaceutical Association.....	Advertising.....	9 00
I 2161	..do.	Peoples Gas Light & Coke Co.....	Gas.....	18 18
I 2162	..do.	R. R. Bowker Co.....	Journal reprints.....	2 80
I 2163	..do.	C. A. Kiler.....	V. L. Units.....	14 88
I 2164	..do.	Dodge Sales & Engine Co.....	Iron pulleys.....	44 48
I 2165	..do.	The Graton Knight Mfg. Co.....	General supplies.....	51 56
I 2166	..do.	Oldham Brothers.....	Glass.....	3 80
I 2167	..do.	A. L. Arundell Co.....	Belt lift.....	7 00
I 2168	..do.	Charles H. Besly & Co.....	Enamel.....	1 85
I 2169	..do.	Chas. A. Strelinger Co.....	Office supplies.....	4 34
I 2170	..do.	The Cincinnati Time Recorder Co.....	Card recorder.....	83 60
I 2171	..do.	The Carborundum Co.....	General supplies.....	11 45
I 2172	..do.	Hammacher Schlemmer & Co.....	Wrench and tape.....	3 91
I 2173	..do.	Eisner Grocery Co.....	Oyster pails.....	3 00
I 2174	..do.	H. Swannell & Son.....	Cotton.....	3 85
I 2175	..do.	Hert & Frerichs Chemical Co.....	Ammonia.....	46 26
I 2176	..do.	B. F. Goodrich Co.....	Garden hose.....	133 60
I 2177	..do.	G. R. Grubb & Co.....	Half-tones.....	2 00
I 2178	..do.	Medart Patent Pulley Co.....	General supplies.....	162 10
I 2179	..do.	Watson Faulkner.....	Chemicals.....	2 85
I 2180	Sept. 30	Samuel Abrams.....	Labor.....	3 75
I 2181	..do.	The Writer Publishing Co.....	Subscription.....	1 00
I 2182	..do.	Cleveland Press.....	..do.....	3 00
I 2183	..do.	Funk & Wagnalls Co.....	..do.....	2 60
I 2184	..do.	Chicago Tribune.....	..do.....	6 50
I 2185	..do.	Atlanta Constitution.....	..do.....	5 00
I 2186	..do.	The World.....	..do.....	5 19
I 2187	..do.	Western Educational Advertising Agcy.....	Advertising.....	56 28
I 2188	..do.	M. H. Fairchild & Bro.....	Green soap.....	2 00
I 2189	..do.	Fuller-Morrisson Co.....	Laboratory supplies.....	120 90
I 2190	..do.	Illinois Glass Co.....	Vials.....	10 20
I 2191	..do.	Porter E. Sargent.....	Books.....	2 00
I 2192	..do.	John B. Bennett.....	Repair work.....	47 38
I 2193	..do.	The Kauffman-Lattimer Co.....	Chemicals.....	99 09
I 2194	..do.	The University Press.....	Printing.....	29 25
I 2195	..do.	Flanagan-Pearson Co.....	..do.....	3 25
I 2196	..do.	A. L. Moody.....	Wages, September, 1915.....	181 59
I 2197	..do.	M. E. Thompson, Cashier.....	Labor bills.....	163 55
I 2198	..do.	M. E. Thompson, Cashier.....	..do.....	
I 2199	..do.	W. B. Castenholz, Comptroller.....	Material furnished from University storeroom.....	56 87
I 2200	..do.	The Burr Co.....	Machine repairs.....	20 00
I 2201	..do.	E. H. Sargent & Co.....	Laboratory supplies.....	8 30
I 2202	..do.	A. C. McClurg & Co.....	Books.....	276 83
I 2203	..do.	Ernst Hertzberg & Sons.....	..do.....	35 93
I 2204	..do.	Chivers Book Binding Co.....	..do.....	35 20
I 2205	..do.	The Boston Book Co.....	..do.....	24 94
I 2206	..do.	American Academy of P. & S. Science.....	..do.....	7 80
I 2207	..do.	Ritter & Flebbe.....	..do.....	7 20
I 2208	..do.	Iowa Geological Survey.....	..do.....	1 00
I 2209	..do.	U. S. Infantry Assn.....	..do.....	2 00
I 2210	..do.	J. M. Hanson Bennetts Magazine Agency.....	..do.....	4 45
I 2211	..do.	Albert Bonner Publishing House.....	..do.....	8 40
I 2212	..do.	Newman F. McGirr.....	..do.....	22 50
I 2213	..do.	The New York Botanical Garden.....	..do.....	1 50
I 2214	..do.	University of Chicago Press.....	..do.....	3 00
I 2215	..do.	Alf A. Oldfield.....	..do.....	3 00
I 2216	..do.	Architectural Book Publishing Co.....	..do.....	15 00
I 2217	..do.	G. G. Wasson.....	..do.....	1 00
I 2218	..do.	Arthur H. Clark Co.....	..do.....	3 10
I 2219	..do.	G. Gerhardt & Co.....	..do.....	40 32
I 2220	..do.	Better Fruit.....	..do.....	1 30
I 2221	..do.	Psychological Review Co.....	..do.....	4 00
I 2222	..do.	William Abbott.....	..do.....	7 00
I 2223	..do.	The Carswell Co.....	..do.....	1 75
I 2224	..do.	G. W. Sheldon & Co.....	Freight.....	23 23
I 2225	..do.	G. E. Stechert & Co.....	Books.....	211 81
I 2226	..do.	Paul Gottschalk.....	..do.....	1 22
I 2227	..do.	Mamie Bunch.....	Traveling expenses.....	4 75
I 2228	..do.	Fred Pine.....	..do.....	4 36
I 2229	..do.	H. P. Rusk.....	..do.....	5 61
I 2230	..do.	Twin City Bindery & Blank Book Co.....	General supplies.....	2 50
I 2231	..do.	John H. Doyle.....	Machinery repairs.....	3 00
I 2232	..do.	L. R. Lang.....	Traveling expenses.....	12 41
I 2233	..do.	H. A. Harding.....	..do.....	7 50

## INSTRUCTION VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
1915				
I 2234	Sept. 30	N. B. Nevens	Traveling expenses	\$ 6 15
I 2235	do.	Addressograph Co.	Addressing plates	89 10
I 2236	do.	W. B. Miller & Son	Rope	11 84
I 2237	do.	A. W. Nolan	Traveling expenses	12 05
I 2238	do.	M. E. Jahr	do.	15 50
I 2239	do.	E. E. Hoskins	do.	6 95
I 2240	do.	W. H. Smith	do.	37 38
I 2241	do.	F. J. Marshal	do.	8 28
I 2242	do.	G. R. Grubb & Co.	Zinc etchings	115 80
I 2243	do.	Library Bureau	Magazine rack	42 00
I 2244	do.	The Tablet & Ticket Co.	Office supplies	2 17
I 2245	do.	Taylor Hardware Co.	General supplies	7 42
I 2246	do.	Percival & Moorehead	Yale locks	1 05
I 2247	do.	Neostyle Co.	Office supplies	18 63
I 2248	do.	F. K. Robeson	Toweling	4 50
I 2249	do.	The J. R. Torrey Razor Co.	General supplies	18 00
I 2250	do.	B. A. Strauch	Prints	1 00
I 2251	do.	J. J. Hall & Son	Tables	22 00
I 2252	do.	Pantagraph Printing & Stationery Co.	Printing	123 98
I 2253	Oct. 2	Maude Campbell	Salary, September, 1915.	43 00
I 2254	Oct. 8	Champaign Seed Co.	Feed	35 18
I 2255	do.	Elmer & Amend	Laboratory supplies	57 51
I 2256	do.	E. A. Eichorst	General supplies	37 50
I 2257	do.	The University Press	Printing	3 00
I 2258	do.	The Tablet & Ticket Co.	General supplies	8 42
I 2259	do.	Twin City Ice & Cold Storage Co.	Sundries	4 00
I 2260	do.	Conner & Quayle	do.	25 00
I 2261	do.	D. R. Lee	Feed	24 08
I 2262	do.	Harris-Dillavou & Co.	General supplies	12 09
I 2263	do.	J. M. Fry & Son	Feed	6 40
I 2264	do.	F. K. Robeson	General supplies	13 50
I 2265	do.	S. E. Dillavou	Food	108 59
I 2266	do.	Buckeye Wire Stretcher Co.	Machinery	1 65
I 2267	do.	National Duroc-Jersey Record Assn.	Sundries	1 00
I 2268	do.	J. M. Thompson & Co.	Food	8 74
I 2269	do.	Lewis G. Stevenson	Incidentals	2 00
I 2270	do.	The Official Guide, National Railway Publication Co.	Office supplies	8 00
I 2271	do.	A. S. Nelson & Sons	Laboratory supplies	2 00
I 2272	do.	C. A. Hall Hardware Co.	General supplies	4 60
I 2273	do.	E. H. Sargent & Co.	Laboratory supplies	8 91
I 2274	do.	Dolse & Shepard Co.	General supplies	79 59
I 2275	do.	F. W. Garrett	Traveling expenses	40 81
I 2276	do.	William Powell	General labor	38 42
I 2277	do.	Harrison Fahrnkopf	Traveling expenses	48 40
I 2278	do.	Frank Morgan	General labor	52 97
I 2279	do.	A. L. Moats	do.	71 47
I 2280	do.	R. W. Dickenson	Traveling expenses	50 52
I 2281	do.	W. E. Johns	do.	58 52
I 2282	do.	Standard Oil Co.	General supplies	3 28
I 2283	do.	Harris-Dillavou Co.	do.	11 84
I 2284	do.	Taylor Hardware Co.	do.	25 72
I 2285	do.	Modart Patent Pulley Co.	General supplies	14 02
I 2286	do.	Chicago Belting Co.	Machine repairs	44 22
I 2287	do.	Frank Turner	Traveling expenses	7 51
I 2288	do.	The Burr Co.	Machine repairs	17 25
I 2289	do.	John A. Salzer Seed Co.	General supplies	16 75
I 2290	do.	C. C. Ferguson	Sundries	22 00
I 2291	do.	Clark Bros.	General supplies	4 00
I 2292	do.	O. K. Seed Store	do.	1 25
I 2293	do.	Farm Crops Department, Michigan Agricultural College	do.	1 25
I 2294	do.	Pantagraph Printing & Stationery Co.	Office supplies	12 50
I 2295	do.	E. A. Eichorst	Machine repairs	2 20
I 2296	do.	E. W. Sampson	General supplies	5 00
I 2297	do.	Wm. Rigling Egg Tester & Mfg. Co.	do.	7 00
I 2298	do.	Champaign Seed Co.	Food	18 00
I 2299	do.	Paris Dye & Cleaning Co.	Sundries	1 00
I 2300	do.	Grace B. Melton	Membership	5 00
I 2301	do.	Commercial Telephone & Telegraph Co.	Telephone and telegraph	4 00
I 2302	do.	Stearns Steel Range Co.	Apparatus repairs	18 81
I 2303	do.	International Press Clipping Bureau	Incidentals	5 00
I 2304	do.	American Steel & Wire Co.	Fencing	69 55
I 2305	do.	William & Pfeifer	Laboratory supplies	1 50
I 2306	do.	Champaign Sanitary Milk Co.	General supplies	53 48
I 2307	do.	A. W. Jamison	Traveling expenses	8 60
I 2308	do.	Fred L. Vermillion	Sundries	2 50
I 2309	do.	Northwestern Steel & Iron Works	General supplies	5 00

## INSTRUCTION VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1915			
I 2310	Oct. 8	G. C. Willis	Sundries	\$ 11 19
I 2311	do.	D. H. Lloyd	Printing and photographing	4 15
I 2312	do.	J. G. Cherry Co.	Machine repairs	9 20
I 2313	do.	A. E. Wuesteman	General supplies	2 50
I 2314	do.	H. Swannell & Son	do.	2 66
I 2315	do.	S. E. Dillavou	do.	1 80
I 2316	do.	F. K. Robeson	Laboratory supplies	146 25
I 2317	do.	Eimer & Amend	do.	355 60
I 2318	do.	Corbin Cabinet Lock Co.	General supplies	98 72
I 2319	do.	Wozencraft & Finder	Apparatus repairs	8 05
I 2320	do.	Knowlton & Bennett	General supplies	18 03
I 2321	do.	Illinois State Register	General supplies	2 50
I 2322	do.	Illinois State Journal Co.	do.	2 50
I 2323	do.	J. L. Conel	Laboratory supplies	94 00
I 2324	do.	Ernst Leitz	Laboratory apparatus	48 76
I 2325	do.	The Letter Shop	Printing	12 20
I 2326	do.	The Leeds & Northrup Co.	Laboratory apparatus	300 06
I 2327	do.	Twin City Printing Co.	Printing	42 00
I 2328	do.	Remington Typewriter Co.	Typewriter repairs	15 00
I 2329	do.	Champaign Seed Co.	Laboratory supplies	1 60
I 2330	do.	The Harshaw Fuller & Goodwin Co. of New York	do.	6 00
I 2331	do.	Champaign Bottling Works	do.	9 50
I 2332	do.	General Chemical Co.	do.	175 84
I 2333	do.	Baker & Co., Inc.	do.	83 74
I 2334	do.	The University of Illinois Supply Store.	Furniture and fixtures	158 72
I 2335	do.	Merck & Co.	General supplies	24 00
I 2336	do.	H. I. Carpenter	Tuning piano	4 50
I 2337	do.	Chas. H. Miller	Museum specimens	56 25
I 2338	do.	Wedron White Sand Co.	Laboratory supplies	10 00
I 2339	do.	F. B. Stevens	Apparatus repairs	4 25
I 2340	do.	L. Wolff Mfg. Co.	Apparatus repairs	26 55
I 2341	do.	Planigan-Pearson Co.	Printing	45 50
I 2342	do.	The University Press	do.	83 00
I 2343	do.	Underwood Typewriter Co.	Typewriter	71 75
I 2344	do.	Buffalo Wire Works Co.	Building repairs	30 00
I 2345	do.	The Roberts Mfg. Co.	General supplies	3 20
I 2346	do.	Federal Steel Fixture Co.	Furniture and fixtures	11 00
I 2347	do.	Jesse Jones Paper Box Co.	Office supplies	19 50
I 2348	do.	U. S. Encaustic Tile Works	Laboratory supplies	19 90
I 2349	do.	Keuffel & Esser Co. of New York	Laboratory apparatus	9 65
I 2350	do.	Chas. A. Strelinger Co.	Apparatus repairs	1 91
I 2351	do.	National Carbon Co.	Laboratory supplies	6 00
I 2352	do.	R. R. Street & Co.	Machine repairs	1 25
I 2353	do.	G. E. Stechert & Co.	Books	2 00
I 2354	do.	The American Bar Association	Membership dues	5 00
I 2355	do.	A. C. McClurg & Co.	Books	2 59
I 2356	do.	L. D. Powell Co.	do.	4 50
I 2357	do.	Canada Law Book Co., Ltd.	do.	7 00
I 2358	do.	Illinois Book Exchange	do.	5 00
I 2359	do.	The Boston Book Co.	do.	5 00
I 2360	do.	Geo. I. Jones	do.	6 25
I 2361	do.	The Frank Shepard Co.	do.	25 00
I 2362	do.	T. H. Flood & Co.	do.	193 62
I 2363	do.	The Carswell Co., Ltd.	do.	22 03
I 2364	do.	The Lawyers Co-operative Publishing Co.	do.	11 25
I 2365	do.	M. A. Donohue & Co.	Office supplies	10 00
I 2366	do.	National Association of Retail Druggists	Advertising	38 25
I 2367	do.	Chicago Retail Druggists Association	do.	18 00
I 2368	do.	Merck & Co.	do.	15 00
I 2369	do.	Western Union Telegraph Co.	Incidentals	3 00
I 2370	do.	Champaign Steam Laundry	Sundries	5 76
I 2371	do.	A. E. Williams	Salary, September, 1915	100 00
I 2372	Oct. 9	Bernard Harrington	Wages, September, 1915	60 00
I 2373	do.	Louise Bennett	do.	40 00
I 2374	do.	Ida Luther	do.	50 50
I 2375	do.	Agnes A. Wagner	do.	40 00
I 2376	do.	S. B. Hamilton	do.	46 60
I 2377	do.	A. L. Shriver	do.	51 48
I 2378	do.	Geo. F. Smalley	do.	39 00
I 2379	do.	T. M. Lyons	do.	52 10
I 2380	do.	D. O. Barto	Traveling expenses	25 15
I 2381	do.	R. E. Hieronymus	do.	17 21
I 2382	do.	H. A. Winter	do.	46 71
I 2383	do.	S. V. Holt	do.	39 94
I 2384	do.	W. S. Brock	do.	7 18
I 2385	do.	Jas. M. Wanzer	do.	15 37
I 2386	do.	A. J. Gunderson	do.	41 07

## INSTRUCTION VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1915			
I 2387	Oct. 9	B. S. Pickett	Traveling expenses	\$ 24 30
I 2388	do.	O. M. Allyn	do	15 81
I 2389	do.	R. W. Dickenson	do	42 74
I 2390	do.	H. C. Wheeler	do	39 86
I 2391	do.	Stephen Rogers	do	161 11
I 2392	do.	N. W. Hepburn	do	8 25
I 2393	do.	R. R. Snapp	do	26 05
I 2394	do.	Ulrie Johnson	General labor	50 55
I 2395	do.	H. J. Snider	Traveling expenses	25 82
I 2396	do.	Wm. Aten, Sr.	General labor	52 88
I 2397	do.	Geo. W. Matheny	do	62 70
I 2398	do.	H. C. Gilkerson	Traveling expenses	130 00
I 2399	do.	Harrison Fahrnkopf	do	12 41
I 2400	do.	M. E. Jahr	do	18 74
I 2401	do.	F. W. Garrett	do	44 67
I 2402	do.	Chas. A. Campbell	do	70 32
I 2403	do.	C. C. Logan	do	21 29
I 2404	do.	F. W. Wascher	do	37 89
I 2405	do.	Henry Sotheran & Co.	Books	10 60
I 2406	do.	Wm. Wesley & Son	do	14 50
I 2407	do.	Pickering & Chatto	do	2 02
I 2408	do.	Arthur Reader	do	3 88
I 2409	do.	Thos. Baker	do	4 26
I 2410	do.	B. H. Blackwell	do	4 24
I 2411	do.	Karl W. Hiersemann	do	20 22
I 2412	do.	Otto Harrassowitz	do	7 18
I 2413	do.	William Brown	do	3 88
I 2414	do.	Oswald Weigel	do	3 10
I 2415	do.	Alfred H. Mayhew	do	1 90
I 2416	do.	J. Ricker	do	4 00
I 2417	do.	McKey & Poague, Agents	Rent	500 00
I 2418	Oct. 12	M. E. Thompson, Cashier	General labor	302 92
I 2419	do.	S. Farah	Wages, September, 1915	26 00
I 2420	do.	R. M. Strickland	do	2 40
I 2421	do.	R. E. McDowell	do	9 00
I 2422	do.	Wm. Fliege	General labor	17 90
I 2423	do.	Albert Tate	do	114 93
I 2424	do.	Chas. Campbell	do	60 68
I 2425	do.	H. J. Snider	General labor and traveling expenses	26 73
I 2426	do.	H. C. Gilkerson	do	61 43
I 2427	do.	C. C. Logan	Traveling expenses	21 34
I 2428	do.	O. S. Watkins	do	83 17
I 2429	do.	Earl Garver	do	12 81
I 2430	do.	F. W. Wascher	do	30 25
I 2431	do.	J. G. Mosier	Supplies and traveling expenses	13 54
I 2432	do.	S. V. Holt	Traveling expenses	39 77
I 2433	do.	F. A. Fisher	do	5 67
I 2434	do.	H. C. Wheeler	do	51 02
I 2435	do.	J. B. Marshall	General labor	116 16
I 2436	do.	H. B. Dornier	Traveling expenses	6 15
I 2437	do.	H. A. Harding	do	12 33
I 2438	do.	M. J. Prucha	do	47 00
I 2439	do.	W. F. M. Goss	do	25 84
I 2440	do.	Osgood Co.	Publications	51 64
I 2441	do.	Elmer & Amend	Laboratory supplies	15 40
I 2442	do.	Driver-Harris Wire Co.	do	7 33
I 2443	do.	A. C. McClurg & Co.	Books	2 60
I 2444	do.	Lemcke & Buechner	do	20 23
I 2445	do.	G. E. Stechert & Co.	do	1 94
I 2446	do.	Record & Guide Co.	do	4 00
I 2447	do.	M. E. Thompson, Cashier	Student labor	300 02
I 2448	do.	Mark Small	General labor	65 00
I 2449	do.	Hazel Clemence	Clerical work	65 00
I 2448 1/2	Oct. 13	A. M. Brunson	Traveling expenses	10 74
I 2449 1/2	do.	Roessler & Hasslacher Chemical Co.	Laboratory supplies	25 00
I 2450	do.	E. R. Donnelley & Sons Co.	do	18 63
I 2451	do.	E. K. Robeson	General supplies	6 00
I 2452	do.	John Heffernan & Son	do	9 60
I 2453	do.	The Fleischmann Co.	Food	1 00
I 2454	do.	T. J. Colvin	do	2 72
I 2455	do.	Mrs. Jennie C. Barlow	Lecture	40 00
I 2456	do.	Mrs. Cecil F. Baker	Conducting movable school	30 00
I 2457	do.	Watson Faulkner	Laboratory supplies	1 00
I 2458	do.	G. C. Willis	do	5 67
I 2459	do.	Kepp Bros.	General supplies	4 25
I 2460	do.	Wilson Bros.	Traveling expenses	22 75
I 2461	do.	Simplex Time Recorder Co.	Office supplies	9 15

## INSTRUCTION VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1915			
I 2462	Oct. 13	Alfred Bergren	General labor	\$ 27 34
I 2463	.do.	Armour Fertilizer Works	Laboratory supplies	4 95
I 2464	.do.	Harrison Fahrnkopf	Traveling expenses	21 65
I 2465	.do.	H. C. Gilkerson	.do.	31 73
I 2466	.do.	E. E. Hoskins	.do.	21 08
I 2467	.do.	H. C. Wheeler	.do.	52 14
I 2468	.do.	R. W. Dickenson	.do.	56 36
I 2469	.do.	Frick Co.	Machinery	800 00
I 2470	.do.	Pilon & Rodgers	General supplies	16 40
I 2471	.do.	Jos. H. Dodson	Machinery	12 00
I 2472	.do.	J. L. Edmonds	Traveling expenses	4 59
I 2473	.do.	Houser & Sutton	Food	317 10
I 2474	.do.	Vaughan's Seed Store	General supplies	42 45
I 2475	.do.	Weimer & Schweinsberg	Machine repairs	2 00
I 2476	.do.	C. R. Doty	Live stock	40 00
I 2477	.do.	Harris-Dillavou & Co.	General supplies	10 57
I 2478	.do.	Chester Horseshoeing Shops	Sundries	3 50
I 2479	.do.	Buffalo Forge Co.	Machinery	21 60
I 2480	.do.	S. E. Dillavou	General supplies	10 00
I 2481	.do.	Champaign Seed Co.	.do.	9 23
I 2482	.do.	Leavitt Mfg. Co.	Laboratory apparatus	3 50
I 2483	.do.	Ostrander Fire Brick Co.	Laboratory supplies	2 50
I 2484	.do.	Norton Co.	.do.	10 00
I 2485	.do.	C. A. Klier	Furniture and fixtures	46 32
I 2486	.do.	The Berger Mfg. Co.	.do.	7 00
I 2487	.do.	W. Lewis & Co.	.do.	33 71
I 2488	.do.	Cataract Refining & Mfg. Co.	Laboratory supplies	21 11
I 2489	.do.	Russell, Burdsall & Ward Bolt & Nut Co.	.do.	7 55
I 2490	.do.	S. W. Card Mfg. Co.	.do.	24 82
I 2491	.do.	The Ready Tool Co.	Laboratory apparatus	12 82
I 2492	.do.	Simonds Mfg. Co.	.do.	19 60
I 2493	.do.	Detroit Twist Drill Co.	Laboratory supplies	37 19
I 2494	.do.	The Progressive Mfg. Co.	General supplies	1 82
I 2495	.do.	The Thordarson Electric Mfg. Co.	Laboratory apparatus	20 00
I 2496	.do.	Crerar, Adams & Co.	Laboratory supplies	9 31
I 2497	.do.	Bausch & Lomb Optical Co.	Apparatus repairs	166 70
I 2498	.do.	Oldham Bros.	General supplies	1 15
I 2499	.do.	Taylor Hardware Co.	.do.	27 48
I 2500	.do.	Indian Refining Co.	.do.	9 50
I 2501	.do.	D. T. Dobbins	Food	7 56
I 2502	.do.	S. C. Ditto	.do.	578 74
I 2503	.do.	Frick Co.	Machine repairs	141 77
I 2504	.do.	B. A. Strauch	Blue printing and photographing	10 00
I 2505	.do.	Champaign Steam Laundry	Sundries	40 64
I 2506	.do.	Walker & Mulliken	General supplies	39 55
I 2507	.do.	A. S. Nelson & Sons	Laboratory supplies	6 80
I 2508	.do.	E. H. Sargent & Co.	.do.	31 65
I 2509	.do.	Western Electrical Institute Co.	Laboratory apparatus	82 80
I 2510	.do.	J. J. Hall & Son	Furniture and fixtures	68 00
I 2511	.do.	Denver Fire Clay Co.	Apparatus repairs	1 50
I 2512	.do.	The Arlington Chemical Co.	Laboratory supplies	2 00
I 2513	.do.	H. Swannell & Son	.do.	3 15
I 2514	.do.	Diack & Smith	.do.	38 50
I 2515	.do.	The Taylor Chemical Co.	.do.	3 50
I 2516	.do.	Woldenberg & Schaar	.do.	15 95
I 2517	.do.	Dallenbach Bros.	.do.	8 10
I 2518	.do.	Swartz Electrical Shop	.do.	2 16
I 2519	.do.	Bacon Bros.	.do.	4 68
I 2520	.do.	C. H. Besly & Co.	.do.	27 20
I 2521	.do.	Baker & Co., Inc.	.do.	40 01
I 2522	.do.	Driver-Harris Wire Co.	.do.	1 00
I 2523	.do.	Western Stoneware Co.	.do.	10 50
I 2524	.do.	General Bakelite Co.	General supplies	2 22
I 2525	.do.	Spencer Lens Co.	Laboratory apparatus	57 50
I 2526	.do.	The Publisher's Guide	General supplies	1 50
I 2527	.do.	The R. W. McCready Cork Co.	Laboratory supplies	19 05
I 2528	.do.	Hegenbart Co.	.do.	1 10
I 2529	.do.	Eimer & Amend	.do.	2 71
I 2530	.do.	Twin City Ice & Cold Storage Co.	.do.	24 00
I 2531	.do.	Twin City Printing Co.	General supplies	27 00
I 2532	.do.	E. H. Swigert	Tuning pianos	22 00
I 2533	.do.	Fuller-Morrison Co.	Laboratory supplies	5 90
I 2534	.do.	Mallory, Mitchell & Faust	Advertising	54 39
I 2535	.do.	Neostyle Co.	Office supplies	1 75
I 2536	.do.	Oliver Typewriter Co.	Equipment repairs	5 13
I 2537	.do.	Rollins Supply Co.	Building repairs	4 10
I 2538	.do.	The Tablet & Ticket Co.	Office supplies	1 93
I 2539	.do.	The Carswell Co., Ltd.	Books	7 88

## INSTRUCTION VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
I 2540	1915 Oct. 13	T. H. Flood & Co.	Books	\$ 52 22
I 2541	Oct. 15	M. E. Thompson, Cashier	General labor	510 45
I 2542	..do....	M. E. Thompson, Cashier	Student labor	388 83
I 2543	..do....	Pay roll	October, 1915.	79,922 41
		Davenport, Eugene	Salary	\$500 00
		Checkley, J. H.	..do	116 66
		Hieronymus, R. E.	..do	125 00
		Jamison, A. W.	..do	208 33
		Nolan, A. W.	..do	200 00
		Rankin, F. H.	..do	291 66
		Greene, J. H.	..do	50 00
		Alyn, Orr	..do	116 66
		Aumer, J. P.	..do	150 00
		Bauer, F. C.	..do	175 00
		Brunson, A. M.	..do	100 00
		Clevenger, C. B.	..do	100 00
		Dickenson, R. W.	..do	116 66
		Dickerson, I. W.	..do	150 00
		Ebersol, E. J.	..do	100 00
		Eckblaw, K. J. T.	..do	150 00
		Ellis, O. I.	..do	100 00
		Fahrnkopf, H. F. T.	..do	100 00
		Fisher, F. A.	..do	133 33
		Garrett, F. W.	..do	133 33
		Gentle, G. E.	..do	100 00
		Gernert, W. B.	..do	175 00
		Gilkerson, H. C.	..do	100 00
		Gustafson, A. F.	..do	200 00
		Holt, S. V.	..do	166 66
		Hopkins, C. G.	..do	458 33
		Jahr, M. B.	..do	133 33
		Leighty, W. E.	..do	133 33
		Hoskins, E. E.	..do	166 66
		Mosier, J. G.	..do	333 33
		Newell, C. E.	..do	116 66
		Sachs, W. H.	..do	150 00
		Schoonover, W. R.	..do	100 00
		Smith, L. H.	..do	291 66
		Snider, H. J.	..do	100 00
		Torgenson, E. F.	..do	83 33
		Van Alstine, E.	..do	208 33
		Walworth, E. H.	..do	100 00
		Wascher, F. M. W.	..do	133 33
		de Wert, H. A.	..do	83 33
		Wheeler, H. C.	..do	166 66
		Whiting, A. L.	..do	175 00
		Reed, C. O.	..do	133 33
		Morison, A. T.	..do	70 00
		Richey, F. C.	..do	70 00
		Stewart, Robert	..do	250 00
		Burlison, W. L.	..do	233 33
		Wyatt, F. A.	..do	100 00
		Andrews, J. B.	..do	116 66
		Barto, D. O.	..do	200 00
		Bull, Sleetor	..do	150 00
		Edmunds, J. L.	..do	233 33
		Harper, Claude	..do	83 33
		Mitchell, H. H.	..do	150 00
		Mumford, H. W.	..do	416 66
		Rusk, H. P.	..do	233 33
		Smith, W. H.	..do	166 66
		Whisenand, J. W.	..do	100 00
		Wilcox, R. H.	..do	100 00
		Coffey, W. C.	..do	291 66
		Snapp, R. C.	..do	141 66
		Augustus, E. K.	..do	83 33
		Slater, M. E.	..do	83 33
		Zeisenheim, J. R.	..do	41 66
		Thorne, L. E.	..do	50 00
		Kammlade, W. G.	..do	41 66
		Handschin, W. F.	..do	62 50
		Gussler, Gilbert	..do	180 00
		Morkel, W. A.	..do	25 00
		Rice, J. B.	..do	75 00
		Allen, F. W.	..do	83 33
		Fraser, W. J.	..do	145 83
		Harding, H. A.	..do	416 66



## INSTRUCTION VOUCHERS--Continued.

No.	Date.	To whom.	For what.	Amount.
I 2543 Ctd.	1915 Oct. 15	Hinze, R. S.	Salary.	\$150 00
		Lamp, L. E.	do.	200 00
		Knehe, H. A.	do.	150 00
		Hepburn, N. W.	do.	208 33
		Turner, Frank	do.	83 33
		True, L. J.	do.	83 33
		Chambers, W. H.	do.	87 50
		Kohmann, E. F.	do.	166 66
		Geset, Harold	do.	75 00
		Allison, I. D.	do.	150 00
		Brown, H. D.	do.	83 33
		Blair, J. C.	do.	416 66
		Bole, S. J.	do.	150 00
		Cobby, A. S.	do.	83 33
		Dorner, H. B.	do.	250 00
		Durst, C. E.	do.	175 00
		Evans, F. H.	do.	150 00
		Engels, D. J.	do.	60 00
		Gardner, J. J.	do.	166 66
		Heck, August	do.	83 33
		Hutchinson, J. I.	do.	116 66
		Lloyd, J. W.	do.	145 83
		Miller, Wilhelm	do.	250 00
		Muncke, F. W.	do.	125 00
		Felher, G. L.	do.	133 33
		Robinson, C. M.	do.	150 00
		Root, K. K.	do.	233 33
		Ruth, W. A.	do.	83 33
		Smith, F. A. C.	do.	150 00
		Watkins, O. S.	do.	200 00
		Tilton, L. D.	do.	83 33
		Lauterbach, E. G.	do.	83 33
		Brock, W. S.	do.	83 33
		Palmer, W. K.	do.	70 00
		Selwing, E. J.	do.	100 00
		Yenning, F. L.	do.	291 66
		Dever, Isabel	do.	100 00
		Fleming, Georgia.	do.	150 00
		Gray, Cora E.	do.	125 00
		Harrison, Florence.	do.	141 66
		Parsons, Maud.	do.	166 66
		Seymour, Lurene.	do.	118 66
		Stanton, Margaret.	do.	166 66
		Sievers, Grace.	do.	166 66
		Wheeler, Ruth.	do.	100 00
		Williams, Anna.	do.	125 00
		Hope, Leona.	do.	152 33
		Gray, Gretta.	do.	133 33
		Barnes, Marie.	do.	500 00
		Goss, W. F. M.	do.	208 33
		Asst. Peter.	do.	183 33
		Clark, C. L.	do.	291 66
		Provine, N. C.	do.	291 66
		Ricker, N. C.	do.	175 00
		Tremond, W. C.	do.	208 33
		Wells, N. A.	do.	83 33
		Feinenskamp, Winifred	do.	150 00
		Jones, R. W.	do.	150 00
		Hecking, W. M.	do.	150 00
		Kellogg, J. M.	do.	129 00
		Yennings, K. S.	do.	129 00
		Wole, W. S. E.	do.	140 00
		Mushman, E. E.	do.	100 00
		Dulmage, I. C.	do.	129 00
		Stanton, W. M.	do.	129 00
		Barton, C. V.	do.	150 00
		Williams, A. E.	do.	100 00
		Danielson, R. R.	do.	150 00
		Harris, A. K.	do.	500 00
		Reidinger, A. V.	do.	750 00
		Baldwin, B. S.	do.	333 33
		Baker, I. O.	do.	83 33
		Gower, B. L.	do.	141 66
		Medel, A. B.	do.	229 16
		Smith, J. E.	do.	150 00
		Wiley, C. C.	do.	141 66
		Wilson, W. M.	do.	298 33

## INSTRUCTION VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
I 2543 Ctd.	1915 Oct. 15	Newell, F. H.	Salary	\$416 66
		Ellis, C. A.	do	250 00
		Pickels, G. W.	do	150 00
		Raynor, W. H.	do	140 00
		Davis, R. E.	do	140 00
		Biegler, P. S.	do	183 33
		Brooks, Morgan	do	250 00
		Fisk, I. W.	do	150 00
		James, L. V.	do	150 00
		Paine, E. B.	do	291 66
		Waldo, E. H.	do	166 66
		Moore, C. R.	do	141 66
		Knight, A. R.	do	141 66
		Davis, J. W.	do	140 00
		Miller, H. W.	do	200 00
		Porter, F. M.	do	133 33
		Steward, R. K.	do	166 66
		Jordan, H. H.	do	133 33
		Crane, Rufus	do	100 00
		Atwell, C. A.	do	100 00
		Murphy, R. E.	do	30 00
		Benedict, B. W.	do	291 66
		Dent, J. A.	do	150 00
		Fisk, J. A.	do	91 66
		Goodenough, G. A.	do	291 66
		Harding, L. A.	do	291 66
		Leutwiler, O. A.	do	250 00
		Richards, C. R.	do	458 33
		Willard, A. C.	do	225 00
		Waterfall, H. W.	do	160 00
		Frank, Edwin	do	130 00
		Lanham, E. T.	do	120 00
		Kennedy, R. E.	do	150 00
		Radebaugh, G. H.	do	150 00
		Gross, G. A.	do	150 00
		Hogue, J. H.	do	120 00
		DeTurk, J. A.	do	130 00
		Duncan, J. M.	do	90 00
		Rebman, P. J.	do	90 00
		McDowell, H. S.	do	130 00
		Godeke, H. F.	do	140 00
		Holbrook, E. A.	do	229 16
		Stoek, H. H.	do	416 66
		Callen, A. C.	do	150 00
		Enger, M. L.	do	208 33
		Fleming, V. R.	do	150 00
		Tabot, A. N.	do	416 66
		Seeley, F. B.	do	166 66
		Boomsliet, G. P.	do	150 00
		Ensign, N. E.	do	141 66
		Babbitt, H. E.	do	160 00
		Gardner, Harry	do	150 00
		Vallance, Alexander	do	150 00
		Putnam, W. J.	do	130 00
		Noerenberg, C. E.	do	170 00
		Carman, A. P.	do	416 66
		Knipp, C. T.	do	250 00
		Kunz, Jacob	do	229 16
		Schulz, W. F.	do	183 33
		Williams, E. H.	do	150 00
		Watson, F. R.	do	250 00
		Hyslop, W. H.	do	100 00
		Warner, E. H.	do	105 00
		Nathanson, J. B.	do	80 00
		Hill, C. F.	do	75 00
		Frazel, C. S.	do	50 00
		Randolph, O. A.	do	110 00
		Bayley, P. L.	do	50 00
		Karrer, Sebastian	do	80 00
		Buck, A. M.	do	166 66
		Comstock, A. F.	do	166 66
		Schmidt, E. C.	do	375 00
		Snodgrass, J. M.	do	208 33
		Decker, E. H.	do	291 66
		Green, Frederick	do	312 50
		Harker, O. A.	do	333 33
		Hale, W. G.	do	291 66
		Pomeroy, J. N.	do	258 33

## INSTRUCTION VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
I 2543	1915 Oct. 15	Vernier, C. G.	Salary	\$312 50
Ctd.		Carpenter, C. E.	do	208 33
		Babcock, K. C.	do	458 33
		Lake, E. J.	do	208 33
		Wetmore, Mary M.	do	150 00
		Bradbury, C. E.	do	150 00
		Forbes, G. E.	do	150 00
		Stebbins, Joel	do	291 66
		Welo, L. A.	do	50 00
		Reed, F. W.	do	140 00
		Hottes, C. F.	do	250 00
		Stevens, F. L.	do	333 33
		Trelease, Wm.	do	416 66
		Hogue, Stella M.	do	110 00
		McDougal, W. B.	do	140 00
		Parr, Rosalie	do	80 00
		Dalbey, Nora E.	do	60 00
		Quick, B. E.	do	60 00
		Davis, R. L.	do	50 00
		Pickler, W. E.	do	50 00
		Clayberg, H. D.	do	60 00
		Niles, L. E.	do	50 00
		Beach, W. S.	do	50 00
		Waggoner, H. D.	do	60 00
		Young, Esther	do	50 00
		Kempton, F. E.	do	60 00
		Sperry, J. E.	do	170 00
		Tanner, F. W.	do	120 00
		Grass, C. R.	do	30 00
		Robinson, W. K.	do	60 00
		Balke, C. W.	do	270 83
		Derrick, C. G.	do	191 66
		Noyes, W. A.	do	458 33
		Parr, S. W.	do	168 66
		Smith, G. M.	do	168 66
		Washburn, E. W.	do	291 66
		Weber, H. C. P.	do	168 66
		Beal, G. D.	do	133 33
		Hopkins, B. S.	do	133 33
		MacInnes, D. A.	do	133 33
		McFarland, D. F.	do	200 00
		Lewis, H. B.	do	183 33
		Broderson, H. J.	do	140 00
		Hecker, C. H.	do	120 00
		Cann, Jessie Y.	do	120 00
		Olin, H. L.	do	120 00
		Sears, G. W.	do	120 00
		Kamm, Oliver	do	120 00
		Anders, Paul	do	130 00
		Kremers, H. C.	do	60 00
		Rees, E. A.	do	60 00
		Charlton, E. E.	do	60 00
		Hess, R. W.	do	60 00
		Rowland, Floyd	do	50 00
		Gilmore, R. E.	do	60 00
		Braley, S. A.	do	60 00
		Skinner, G. S.	do	50 00
		Vollweiler, E. H.	do	50 00
		Van Winkle, W. A.	do	50 00
		Ford, J. T.	do	50 00
		Footitt, F. W.	do	50 00
		Braham, J. M.	do	50 00
		Owens, A. W.	do	50 00
		Westhaefer, T. O.	do	50 00
		Hull, S. M.	do	50 00
		Bissell, D. W.	do	50 00
		Davidson, C. N.	do	50 00
		Karr, W. G.	do	50 00
		Shepard, A. D.	do	35 00
		Portz, H. G.	do	35 00
		Lee, H. R.	do	35 00
		Heinzelmann, A. M.	do	30 00
		Reed, J. K.	do	30 00
		Okey, Ruth E.	do	30 00
		Winkelmann, H. A.	do	30 00
		Reyerson, L. H.	do	30 00
		Beattie, H. J.	do	30 00
		Buell, Mary V.	do	30 00

## INSTRUCTION VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
I 2543 Ctd.	1915 Oct. 15	Yutema, L. F.	Salary	\$ 30 00
		Bruce, W. R.	do	30 00
		Jordan, Louis	do	30 00
		Hufford, R. W.	do	30 00
		Potter, L. O.	do	30 00
		Percy, Margaret	do	30 00
		Updegraff, Helen	do	30 00
		Powell, A. R.	do	30 00
		Cook, W. O.	do	10 00
		Morgan, W. O.	do	10 00
		Wrisley, G. A.	do	10 00
		Landstrom, A. M.	do	10 00
		Holton, J. T.	do	10 00
		Hahn, F. C.	do	10 00
		Johnson, L. C.	do	90 00
		Brown, J. B.	do	30 00
		Weiland, H. J.	do	60 00
		Wells, L. S.	do	30 00
		van Rossen, Gerard	do	120 00
		Olewetine, J. H.	do	30 00
		Millar, R. W.	do	10 00
		Hicks, J. F. G.	do	50 00
		Zelle, Carl	do	10 00
		Adler, L.	do	10 00
		Tippett, R. W.	do	50 00
		French, H. E.	do	10 00
		Barton, H. J.	do	291 66
		Canter, H. V.	do	225 00
		Moss, C. M.	do	250 00
		Oldfather, W. A.	do	250 00
		Pease, A. S.	do	250 00
		Robinson, R. P.	do	30 00
		Bagley, W. C.	do	458 33
		Johnston, C. H.	do	312 50
		Miller, W. S.	do	166 66
		Whipple, G. M.	do	270 83
		Brown, J. C.	do	291 66
		Berringer, Harriet J.	do	50 00
		Cobb, Margaret	do	50 00
		Baldwin, E. C.	do	175 00
		Clark, T. A.	do	41 66
		Dodge, D. K.	do	270 83
		Fulton, Edward	do	175 00
		Jones, H. S. V.	do	183 33
		Paul, H. G.	do	208 33
		Scott, F. W.	do	208 33
		Sherman, S. P.	do	458 33
		Woolbert, C. H.	do	166 66
		Zeitlin, Jacob	do	158 33
		Creek, H. L.	do	125 00
		Boyer, C. V.	do	141 66
		Schoepperle, Gertrude	do	116 66
		Kyle, Martha J.	do	25 00
		Alden, E. S.	do	120 00
		Rinaker, Clarissa	do	130 00
		Harris, L. H.	do	120 00
		Tieje, R. E.	do	120 00
		Jones, E. S.	do	130 00
		Schultz, W. E.	do	120 00
		Downes, C. S.	do	120 00
		Gregory, Allene	do	120 00
		Hustvedt, S. B.	do	120 00
		Loomis, R. S.	do	120 00
		Harbarger, Sada A.	do	100 00
		Kelso, Ruth	do	100 00
		Stanley, T. B.	do	100 00
		Sarett, L. R.	do	120 00
		Dixon, R. E.	do	120 00
		Beck, C. B.	do	50 00
		Cruzan, Myrtle	do	50 00
		Hillebrand, H. M.	do	150 00
		Thurber, C. N.	do	60 00
		Whitford, R. C.	do	110 00
		Suteliffe, E. G.	do	110 00
		Harrington, H. F.	do	166 66
		Phelps, J. M.	do	100 00
		Weirick, R. B.	do	120 00
		Copley, Beatrice	do	50 00

## INSTRUCTION VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
I 2543 Ctd.	1915 Oct. 15	Curl, M. J. ....	Salary .....	\$140 00
		Folsom, J. W. ....	do .....	208 33
		Forbes, S. A. ....	do .....	83 33
		MacGillivray, A. D. ....	do .....	250 00
		Mosher, Edna. ....	do .....	100 00
		Hamilton, C. C. ....	do .....	30 00
		Glasgow, R. D. ....	do .....	140 00
		Bayley, W. S. ....	do .....	250 00
		Rolfe, C. W. ....	do .....	250 00
		Savage, T. E. ....	do .....	225 00
		Rich, J. L. ....	do .....	170 00
		Ross, C. S. ....	do .....	60 00
		DuBois, H. M. ....	do .....	60 00
		Read, M. K. ....	do .....	50 00
		VanTuyne, F. M. ....	do .....	120 00
		Kennedy, L. E. ....	do .....	40 00
		Brooks, N. C. ....	do .....	208 33
		Flom, G. T. ....	do .....	233 33
		Goebel, Julius. ....	do .....	312 50
		Lessing, O. E. ....	do .....	291 66
		Bloomfield, Leonard. ....	do .....	166 66
		Gillet, J. E. ....	do .....	133 33
		Blatsdell, Daisy. ....	do .....	110 00
		Williams, C. A. ....	do .....	150 00
		Koller, A. H. ....	do .....	150 00
		Pickett, H. W. ....	do .....	150 00
		Nordmeyer, M. W. ....	do .....	130 00
		Kline, E. K. ....	do .....	120 00
		Greene, Alexander. ....	do .....	150 00
		Alvord, C. W. ....	do .....	145 83
		Greene, E. B. ....	do .....	416 66
		Larson, L. M. ....	do .....	266 66
		Lybyer, A. H. ....	do .....	233 33
		Robertson, W. S. ....	do .....	208 33
		Jones, P. V. B. ....	do .....	150 00
		Pease, T. C. ....	do .....	125 00
		Cole, A. C. ....	do .....	150 00
		Brush, Elizabeth. ....	do .....	100 00
		Gauger, Joe. ....	do .....	40 00
		Miller, J. E. ....	do .....	60 00
		Borger, R. L. ....	do .....	125 00
		Crathorne, A. R. ....	do .....	166 66
		Emch, Arnold. ....	do .....	187 50
		Lytle, E. B. ....	do .....	150 00
		Miller, G. A. ....	do .....	291 66
		Rietz, H. L. ....	do .....	153 33
		Shaw, J. B. ....	do .....	250 00
		Sisam, C. H. ....	do .....	183 33
		Townsend, E. J. ....	do .....	333 33
		Wahlin, G. E. ....	do .....	125 00
		Carmichael, R. D. ....	do .....	208 33
		Kampner, A. J. ....	do .....	133 33
		Denton, W. W. ....	do .....	140 00
		Chittenden, E. W. ....	do .....	140 00
		Wilson, L. T. ....	do .....	120 00
		Smith, G. W. ....	do .....	60 00
		Wilson, W. H. ....	do .....	60 00
		Borden, Raymond. ....	do .....	60 00
		Frary, H. D. ....	do .....	60 00
		Beckley, J. B. ....	do .....	30 00
		Marshall, R. R. ....	do .....	60 00
		Roth, W. E. ....	do .....	60 00
		Greene, C. F. ....	do .....	30 00
		Bode, B. H. ....	do .....	291 66
		Daniels, A. H. ....	do .....	333 33
		Shepherd, Queen. ....	do .....	130 00
		Haessler, Carl. ....	do .....	100 00
		Burge, W. E. ....	do .....	216 66
		Beard, J. H. ....	do .....	116 66
		Neill, Alma J. ....	do .....	60 00
		Garner, J. W. ....	do .....	333 33
		Mathews, J. M. ....	do .....	191 66
		Fairlie, J. A. ....	do .....	291 66
		Storey, R. M. ....	do .....	180 00
		Chishman, R. E. ....	do .....	120 00
		Bentley, Madison. ....	do .....	270 83
		Ruckmich, C. A. ....	do .....	150 00
		Rahn, Carl. ....	do .....	150 00

## INSTRUCTION VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
I 2543	1915 Oct. 15	Rogers, Sophia.....	Salary.....	\$ 35 00
Cld.		Wichman, Gerald.....	do.....	50 00
		McKenzie, Kenneth.....	do.....	333 33
		Carnahan, D. H.....	do.....	225 00
		FitzGerald, J. D II.....	do.....	250 00
		Oliver, T. E.....	do.....	250 00
		Seymour, A. R.....	do.....	166 66
		Biondheim, D. S.....	do.....	166 66
		Carry, C. S.....	do.....	120 00
		Allen, Lewis.....	do.....	100 00
		Kessler, James.....	do.....	100 00
		Soto, Rafael.....	do.....	100 00
		Dawson, E. R.....	do.....	100 00
		Stone, H. K.....	do.....	100 00
		Moore, O. H.....	do.....	141 66
		Shulters, J. R.....	do.....	80 00
		Watson, Jane C.....	do.....	30 00
		Laguardia, C. J. B.....	do.....	100 00
		Hayes, E. C.....	do.....	275 00
		Stevens, J. G.....	do.....	150 00
		Watkins, Gordon.....	do.....	50 00
		Kingsley, J. S.....	do.....	291 66
		Smith, Frank.....	do.....	250 00
		Ward, H. B.....	do.....	416 66
		Zeleny, Chas.....	do.....	250 00
		Shelford, V. E.....	do.....	166 66
		Van Cleave, H. J.....	do.....	140 00
		May, H. G.....	do.....	60 00
		Green, Bessie.....	do.....	60 00
		Conel, Jessie.....	do.....	60 00
		Powers, E. B.....	do.....	60 00
		Magath, T. B.....	do.....	35 00
		Higgins, G. M.....	do.....	35 00
		Baumgartner, Rachel.....	do.....	35 00
		Heimberger, H. V.....	do.....	60 00
		Kingsman, R. H.....	do.....	35 00
		Baldwin, Frances M.....	do.....	100 00
		Kindred, J. E.....	do.....	30 00
		Paul, Katherine, H.....	do.....	120 00
		Bogart, E. L.....	do.....	291 66
		Dewsnup, E. R.....	do.....	250 00
		Litman, Simon.....	do.....	208 33
		Robinson, M. H.....	do.....	250 00
		Weston, K. A.....	do.....	270 83
		Hieronymus, R. E.....	do.....	125 00
		Heilman R. E.....	do.....	216 66
		Thompson, C. M.....	do.....	208 33
		Thompson, J. G.....	do.....	200 00
		Chase, W. A.....	do.....	240 00
		McJohnston, H.....	do.....	200 00
		Dreesen, W. H.....	do.....	60 00
		Stewart, C. L.....	do.....	180 00
		Young, L. K.....	do.....	250 00
		McMillen, G. B.....	do.....	50 00
		Littleton, A. C.....	do.....	125 00
		Scoville, H. T.....	do.....	220 00
		McKeena, E. L.....	do.....	60 00
		Bond, Ethel.....	do.....	100 00
		Curtis, Florence.....	do.....	141 66
		Reece, E. J.....	do.....	150 00
		Simpson, Frances.....	do.....	183 33
		Schwartz, G. F.....	do.....	183 33
		Smith, Constance Barlow.....	do.....	166 66
		Erb, J. L.....	do.....	250 00
		Vanden Berg, H. J.....	do.....	180 00
		Nasmyth, H. D.....	do.....	170 00
		Morphy, E. W.....	do.....	170 00
		Treat, Edna.....	do.....	100 00
		Harding, A. A.....	do.....	83 33
		Wright, Mabelle.....	do.....	100 00
		Johnson, F. T.....	do.....	110 00
		Davis, Bertha.....	do.....	100 00
		Day, W. B.....	do.....	208 33
		Snow, C. M.....	do.....	150 00
		Gathercoal, E. N.....	do.....	108 33
		Eicher, B. L.....	do.....	83 33
		Colson, H. W.....	do.....	83 33
		Fantus, Bernard.....	do.....	16 66
		Clark, A. H.....	do.....	150 00

## INSTRUCTION VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1915			
I 2544	Oct. 18	A. V. Bleininger	Traveling expenses	\$ 7 00
I 2545	.do.	The Snead & Co. Iron Works	Cast iron	112 00
I 2546	.do.	The Lawyers Co-operative Pub. Co.	Books	13 50
I 2547	.do.	T. H. Flood & Co.	.do	11 87
I 2548	.do.	Vaughan's Seed Store	Seeds	1 15
I 2549	.do.	T. J. Colin	Lard	1 20
I 2550	.do.	Alex Harmon & Son	Horseshoeing	9 10
I 2551	.do.	Chester Horseshoeing Shop	.do	9 50
I 2552	.do.	Medart Patent Pulley Co.	General supplies	13 28
I 2553	.do.	Harbinson-Walker Refractories Co.	Pot clay	3 64
I 2554	.do.	Pantagraph Printing & Stationery Co.	Printing	848 28
I 2555	.do.	Henry B. Ward	Traveling expenses	16 96
I 2556	.do.	C. H. Stoelting Co.	Laboratory apparatus	19 32
I 2557	.do.	Work-Organizer Specialty Co.	Desk set	4 25
I 2558	.do.	The Kny-Scheerer Co.	Museum specimens	18 50
I 2559	.do.	The Inner Braced Furniture Co.	Chairs	5 40
I 2560	.do.	Peck & Hills Furniture Co.	Table	14 75
I 2561	.do.	A. J. Nystrom & Co	Maps	6 05
I 2562	.do.	Ward's National Science Establishment	Collections	6 75
I 2563	.do.	B. F. Loomis	Photographs	6 00
I 2564	.do.	W. Harold Tomlinson	Rock sections	1 75
I 2565	.do.	D. H. Lloyd	Files	39 55
I 2566	.do.	L. A. Hunter	Traveling expenses	9 34
I 2567	.do.	H. J. Snider	.do	100 35
I 2568	.do.	E. E. Hoskins	.do	58 77
I 2569	.do.	Henry Flau	Field work	53 89
I 2570	.do.	P. W. Kessinger	.do	59 46
I 2571	.do.	Robert Baird	.do	29 68
I 2572	.do.	C. E. Burkhart	.do	22 35
I 2573	.do.	S. V. Holt	Traveling expenses	53 90
I 2574	.do.	O. M. Allyn	.do	34 02
I 2575	.do.	P. D. Long	Field work	82 39
I 2576	.do.	B. S. Pickett	Traveling expenses	7 18
I 2577	.do.	Herbert W. Mumford	.do	36 77
I 2578	.do.	C. W. Crabtree	Field work	54 60
I 2579	.do.	Indian Refining Co.	Oil	5 88
I 2580	.do.	Fred L. Vermilian	Photos	2 50
I 2581	.do.	R. S. Clark	Books	45 00
I 2582	.do.	Clark Bros	Wheat	4 20
I 2583	.do.	The Homestead Co.	Homestead issue	4 20
I 2584	.do.	The Duroc Bulletin Co.	Bulletins	3 50
I 2585	.do.	Fuller-Morrison Co.	Caustic soda	19 20
I 2586	.do.	Harrill Soule Co.	Milk powder	7 00
I 2587	.do.	Harris-Dillavor Co.	Hard coal	24 89
I 2588	.do.	Kewanee Mfg. Co.	Table draws	138 00
I 2589	.do.	Addressograph Co.	Feed roller	5 07
I 2590	.do.	Kinsey & Mahler Co.	Engine brass	12 88
I 2591	.do.	Woldenberg & Schaar	Filter paper	42 00
I 2592	.do.	McDonough & Co.	Advertising	15 00
I 2593	Oct. 19	Lord & Burnham Co.	Frame fittings	7 12
I 2594	.do.	International Harvester Co.	Spark engine	35 00
I 2595	.do.	Frank Marshall	Traveling expenses	20 15
I 2596	.do.	H. K. Rulison	.do	13 75
I 2597	.do.	The Letter Shop	Stencils cut	2 50
I 2598	.do.	Chicago Telephone Co.	Telephone	34 07
I 2599	.do.	Cosmo Electric Construction Co.	Labor and material	95 00
I 2600	.do.	Eimer & Amend	Laboratory supplies	244 38
I 2601	.do.	The Peoples Gas Light & Coke Co.	Gas	18 24
I 2602	.do.	National Power Construction Co.	Boilers and radiators	2,752 85
I 2603	.do.	Taylor Hardware Co.	General supplies	18 76
I 2604	.do.	Metzler & Schafer Co.	Laboratory apparatus	4 65
I 2605	.do.	E. H. Sargent & Co.	Chemicals	276 44
I 2606	.do.	Eisner Grocery Co.	Foodstuffs	14 10
I 2607	.do.	Merck & Co.	Chemicals	84 00
I 2608	.do.	The Arthur H. Thomas Co.	Balances and weights	391 20
I 2609	.do.	Collins & Slump	General supplies	2 75
I 2610	.do.	B. A. Strauch	Prints	5 35
I 2611	.do.	Kinsey & Mahler Co.	General supplies	2 16
I 2612	.do.	J. W. Rhinesmith	Salary, September, 1915	45 83
I 2613	.do.	W. B. Castenholz, Comptroller	Material furnished from University storeroom	210 43
I 2614	.do.	W. B. Castenholz, Comptroller	.do	68 18
I 2615	.do.	W. B. Castenholz, Comptroller	.do	302 48
I 2616	.do.	W. B. Castenholz, Comptroller	.do	464 38
I 2617	.do.	J. W. Butler Paper Co.	Printing	8 25
I 2618	.do.	Louden & Flaningam	.do	70 60
I 2619	.do.	P. S. Campbell	.do	2 75
I 2620	.do.	The University Press	.do	3 75

## INSTRUCTION VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1915			
I 2621	Oct. 19	Twin City Printing Co.	Printing.	\$ 9 70
I 2622	Oct. 20	Esther Broday	Stenographer, College of Medicine	50 00
I 2623	..do....	Pay roll.	October, 1915.	1,493 33
		Browne, W. H.	Salary.	\$250 00
		Arneson, Mabel L.	..do.	75 00
		Neermann, Louise B.	..do.	60 00
		Watson, Ethel E.	..do.	50 00
		Broday, Esther.	..do.	50 00
		Cole, H. W.	..do.	100 00
		Tomlinson, Joseph S.	..do.	125 00
		Fletcher, Edward C.	..do.	100 00
		Froberg, Eric.	..do.	75 00
		Allen, Mrs. Josephine.	..do.	55 00
		Hoy, Anna.	..do.	60 00
		Seaberg, Elin M.	..do.	60 00
		Loomis, Metta M.	..do.	83 33
		David, Eshoo.	..do.	55 00
		Tomek, Georgiana.	..do.	65 00
		Gubbins, Maud.	..do.	65 00
		Moorehead, Mary M.	..do.	40 00
		Bolan, Anna M.	..do.	65 00
		David, Paul.	..do.	60 00
I 2624	..do....	Pay roll.	October, 1915.	5,257 41
		Eycleshymer, A. O.	Salary.	416 66
		Jones, T. S.	..do.	83 33
		Moodie, R. L.	..do.	166 66
		Boello, Louis.	..do.	80 00
		Kramer, M.	..do.	60 00
		Walker, W. H.	..do.	250 00
		Smith, C. S.	..do.	166 66
		Tracy, G. C.	..do.	83 33
		Small, J. C.	..do.	50 00
		D'Vorak, A. C.	..do.	50 00
		Dreyer, G. P.	..do.	333 33
		Pearce, R. G.	..do.	229 16
		Curl, H. E.	..do.	50 00
		Davis, D. J.	..do.	416 66
		Boughton, T. H.	..do.	150 00
		Burnelster, W. H.	..do.	166 66
		Weedon, Amy G.	..do.	70 00
		Voss, Esther K.	..do.	40 00
		Moore, J. J.	..do.	150 00
		Culver, H. B.	..do.	100 00
		Gaffney, C. O.	..do.	30 00
		Lundquist, August.	..do.	70 00
		Falls, F. H.	..do.	100 00
		Fantus, Bernard.	..do.	166 66
		Shaklee, A. G.	..do.	166 66
		Simmonds, W. E.	..do.	50 00
		Nadeau, O. E.	..do.	50 00
		Hiskey, G. N.	..do.	45 00
		Moorehead, F. B.	..do.	249 99
		Schultz, Louis.	..do.	41 66
		Gallie, D. M.	..do.	83 33
		Bake, L. E.	..do.	50 00
		Dittmar, G. W.	..do.	83 33
		Starr, S. P.	..do.	50 00
		Coolridge, E. D.	..do.	83 33
		Noyes, F. B.	..do.	125 00
		Wells, C. W.	..do.	50 00
		Dewey, Kaethe.	..do.	100 00
		Bernard, F. J.	..do.	25 00
		Deist, M. W.	..do.	100 00
		McGuire, J. C.	..do.	200 00
		Krejci, E. J.	..do.	100 00
		Kaplan, J. H.	..do.	125 00
I 2625	..do....	H. C. Baumgardner.	Salary, September.	35 00
I 2626	..do....	Albert Bradford.	Salary, October, 1915.	60 00
I 2627	..do....	Arthur H. Thomas Co.	Potash bulbs.	7 00
I 2628	..do....	P. S. Campbell.	Rubber stamp.	1 30
I 2629	..do....	Geo. E. Jenks Box Factory.	Bulletin files.	20 00
I 2630	..do....	The Schapirograph Co.	Schapirograph ribbons.	4 85
I 2631	..do....	Remington Typewriter Co.	Repair work.	18 43
I 2632	..do....	M. A. Donohue & Co.	Legal cap paper.	12 75
I 2633	..do....	Highlands Fire Clay Co.	Clay.	4 25
I 2634	..do....	Zenith Carburetor Co.	Carburetor and sleeve.	25 00
I 2635	..do....	Keuffel & Esser Co.	Payzant pens.	4 61
I 2636	..do....	E. W. A. Rowles.	Castors.	7 20



## INSTRUCTION VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1915			
I 2637	Oct. 20	McGraw-Hull Book Co.	Books	\$ 3 40
I 2638	do.	Knowlton & Bennett	Paint	1 15
I 2639	do.	Bradner Smith & Co.	Coin envelope	1 78
I 2640	do.	Antique China Parlor, Mrs J. A. Notle	Museum supplies	40 00
I 2641	do.	R. W. Dickenson	Traveling expenses	39 54
I 2642	do.	J. G. Mosier	do	7 75
I 2643	do.	A. J. Gunderson	do	20 86
I 2644	do.	Emerson-Brantingham Implement Co.	Mower	38 00
I 2645	do.	J. E. Whitchurch	Traveling expenses	43 71
I 2646	do.	J. R. Midyett	Field work	69 46
I 2647	do.	F. W. Garrett	Traveling expenses	27 36
I 2648	do.	Geo. W. Medley	Field work	42 94
I 2649	do.	Eastern Moline Plow Co.	Crusher	71 00
I 2650	do.	Mason, Davis & Co.	Scales	120 00
I 2651	do.	Chas. A. Campbell	Traveling expenses	61 20
I 2652	do.	A. F. Gustafson	do	19 32
I 2653	do.	C. Belleme	Galvanized pipe	67 65
I 2654	do.	Morris & Co.	Tank	90 00
I 2655	do.	Champaign Seed Co.	Wheat bran	46 00
I 2656	do.	Frost Publishing Co.	Bulletins	3 50
I 2657	do.	S. E. Dillavou	Hay	91 15
I 2658	do.	Harris-Dillavou & Co.	Coal	6 08
I 2659	do.	The Tablet & Ticket Co.	Office supplies	17 25
I 2660	do.	Eimer & Amend	Filter paper	7 72
I 2661	do.	W. M. Welch Scientific Co.	Chemicals	8 42
I 2662	do.	The Burr Co.	Pulley	5 00
I 2663	do.	Mrs. E. W. Donoho	Services	30 00
I 2664	do.	Mrs. L. V. Walcott	do	10 00
I 2665	do.	F. W. Woolworth Co.	Utensils	1 00
I 2666	do.	G. C. Willis	Boiler	7 38
I 2667	do.	Ralph Chaplin	Traveling expenses	128 69
I 2668	do.	Charles Harpster	Hay	100 00
I 2669	do.	Frank Turner	Traveling expenses	21 04
I 2670	do.	H. A. Cate	do	16 24
I 2671	do.	Homer I. Huntington	do	13 12
I 2672	Oct. 21	O. M. Allyn	do	11 61
I 2673	do.	Eisner Grocery Co.	Salt	1 40
I 2674	do.	A. O. Sphung	Crawfishes	8 00
I 2675	do.	Kewanee Mfg. Co.	Tables	48 60
I 2676	do.	C. N. Clark & Co.	Granite samples	12 00
I 2677	do.	Central Scientific Co.	Laboratory apparatus	5 18
I 2678	do.	The Champaign Bottling Works	Carbonic acid	2 00
I 2679	do.	Crane Co.	Brass cocks	1 48
I 2680	do.	Detroit Twist Drill Co.	Drills	2 96
I 2681	do.	Eynon Evans Mfg. Co.	Blast nozzles	7 20
I 2682	do.	Superior Oxygen Co. of Missouri	Oxygen	2 55
I 2683	do.	The Leeds & Northrup Co.	Galvanometer repairs	21 25
I 2684	do.	Naomi Newburn	Extension work	25 00
I 2685	do.	Miller Harness Co.	General supplies	4 75
I 2686	do.	The Alexander Lumber Co.	Cypress	27 60
I 2687	do.	F. K. Rulison	Traveling expenses	13 99
I 2688	do.	Franklin Desk Factory	Desk	18 00
I 2689	do.	G. C. Willis	Bread boards	1 98
I 2690	do.	Brunner Foundry & Machine Co.	Clutch pulley	22 00
I 2691	do.	Lew Fittscher	Live stock	100 00
I 2692	do.	Inland Supply Co.	Incidental	5 70
I 2693	do.	Standard Oil Co.	Tank	5 00
I 2694	do.	The Quaker Oats Co.	Rolled wheat	29 20
I 2695	do.	Leon D. Tilton	Traveling expenses	18 91
I 2696	do.	W. S. Brock	do	23 41
I 2697	do.	C. E. Durst	do	11 64
I 2698	do.	Vaughan's Seed Store	Seeds	3 15
I 2699	do.	J. T. Ryerson & Son	General supplies	153 25
I 2700	do.	John H. Doyle	do	12 35
I 2701	do.	B. E. Spaulding	do	6 25
I 2702	do.	Eugene Dietzgen Co.	Office supplies	22 81
I 2703	do.	Pay roll	August, 1915	125 00
		Messek, Rudolph	Salary	\$65 00
		Scanlan, Mary	do	60 00
I 2704	do.	Pay roll	October, 1915	4,584 15
		Alley, W. E.	Salary	\$100 00
		Beadles, Jessie R.	do	65 00
		Bowen, Evalena	do	70 00
		Brownfield, Lelah H.	do	50 00
		Buchanan, Harold C.	do	70 00
		Buckles, Mildred E.	do	65 00
		Clemence, Hazel	do	70 00
		Cover, Hazel W.	do	65 00

## INSTRUCTION VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
I 2704	1915 Oct. 21 Cld.	Cragmille, Jeannette.....	Salary.....	\$ 50 00
		Crawford, C. C.....	do.....	70 00
		Custer, Emma L.....	do.....	75 00
		Dalton, C. E.....	do.....	50 00
		Davis, Vera M.....	do.....	55 00
		Devine, Jeannette.....	do.....	70 00
		Fieg, Robert J.....	do.....	50 00
		Garwood, Frances.....	do.....	60 00
		Garwood, Helen S.....	do.....	50 00
		Geyer, Helen.....	do.....	50 00
		Gelnn, Eleanor.....	do.....	55 00
		Goodspeed, W. S.....	do.....	90 00
		Gordon, Marie A.....	do.....	60 00
		Griffith, Mable F.....	do.....	75 00
		Halliday, Mabel.....	do.....	60 00
		Hamilton, Mrs. Alice.....	do.....	100 00
		Harper, Julia.....	do.....	75 00
		Hathaway, Kenneth.....	do.....	50 00
		Hayes, James Bert.....	do.....	100 00
		Hayward, Nellie.....	do.....	60 00
		Heater, Myrtle.....	do.....	65 00
		Hull, A. H.....	do.....	70 00
		Jay, Edith L.....	do.....	55 00
		Lahr, Lawrence D.....	do.....	60 00
		Leitz, Louise A.....	do.....	45 00
		Lonius, J. O.....	do.....	90 00
		McCurty, Agnes.....	do.....	91 66
		McIntire, W. A.....	do.....	50 00
		McMillen, Mary B.....	do.....	50 00
		Manley, Verna.....	do.....	50 00
		Manspeaker, Lotta M.....	do.....	100 00
		Merchant, Donna B.....	do.....	60 00
		Mesack, Rudolph.....	do.....	65 00
		Miller, Mary.....	do.....	70 00
		Miller, O. F.....	do.....	100 00
		Mock, Forrest.....	do.....	55 00
		Nagle, Sybil.....	do.....	55 00
		Nyberg, Florence A.....	do.....	55 00
		Olyver, Flossie M.....	do.....	50 00
		Packard, Bessie.....	do.....	75 00
		Peel, Thomas.....	do.....	65 00
		Pergande, Robert.....	do.....	95 00
		Probst, Alice.....	do.....	50 00
		Ressler, Milton.....	do.....	80 00
		Rhoads, Hazel.....	do.....	65 00
		Riggs, Bess.....	do.....	45 00
		Rock, Hazel L.....	do.....	55 00
		Rogers, Della M.....	do.....	50 00
		Rohweder, Emma.....	do.....	45 00
		Ross, Anne.....	do.....	55 00
		Scanlan, Mary.....	do.....	70 00
		Slater, Sarah M.....	do.....	30 00
		Smith, Mayme L.....	do.....	70 00
		States, Bertha G.....	do.....	55 00
		Taft, Mary.....	do.....	70 00
		Vanden Boom, Leona.....	do.....	50 00
		Vanderbeck, H. J.....	do.....	75 00
		Vaubel, Daniel.....	do.....	70 00
		Wheeler, H. H.....	do.....	70 00
		Williamson, Paul.....	do.....	83 33
		Winchester, B. L.....	do.....	54 16
		Wyninger, H. T.....	do.....	60 00
		Ellis, E. R.....	do.....	50 00
I 2705	do.....	Pay roll.....	October, 1915.....	\$178 84
I 2706	Oct. 22	Lewis Ely & Co.....	General supplies.....	51 50
I 2707	do.....	The Alexander Lumber Co.....	Cypress.....	23 27
I 2708	do.....	F. W. Wascher.....	Traveling expenses.....	50 61
I 2709	do.....	Taylor Hardware Co.....	General supplies.....	13 01
I 2710	do.....	Flanigan-Pearson Co.....	Printing.....	9 75
I 2711	do.....	Chicago Paper Co.....	do.....	65 21
I 2712	do.....	The University Press.....	do.....	7 65
I 2713	do.....	Louden & Flanigan.....	do.....	41 25
I 2714	do.....	M. E. Thompson, Cashier.....	Bills paid.....	191 89
I 2715	do.....	M. E. Thompson, Cashier.....	do.....	311 60
I 2716	do.....	The Alexander Lumber Co.....	Blocks.....	7 46
I 2717	do.....	W. W. Wilson.....	Traveling expenses.....	27 34
I 2718	do.....	R. R. Donnelley & Sons Co.....	Half tones.....	4 65
I 2719	do.....	Westinghouse Electric & Mfg. Co.....	Sirocco blower.....	28 80

## INSTRUCTION VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1915			
I 2720	Oct. 22	Taylor Hardware Co. . . . .	Metal tapes . . . . .	\$ 12 75
I 2721	.do.	Oxford University Press . . . . .	Books . . . . .	7 28
I 2722	.do.	J. E. Cutts . . . . .	Labor . . . . .	39 25
I 2723	.do.	Geo. H. Anderson . . . . .	Plain mirror . . . . .	1 30
I 2724	.do.	H. J. Snider . . . . .	Traveling expenses . . . . .	29 02
I 2725	.do.	E. E. Hoskins . . . . .	.do. . . . .	49 19
I 2726	.do.	Harrison Fahrnkopf . . . . .	.do. . . . .	45 88
I 2727	.do.	Peoria Tent & Awning Co. . . . .	Awnings . . . . .	156 60
I 2728	.do.	E. R. Green . . . . .	Field work . . . . .	51 38
I 2729	.do.	S. V. Holt . . . . .	Traveling expenses . . . . .	44 50
I 2730	.do.	H. C. Wheeler . . . . .	.do. . . . .	42 14
I 2731	.do.	Henry Troemer . . . . .	Scales . . . . .	100 00
I 2732	.do.	The Standard Calorimeter Co. . . . .	Sul photometer . . . . .	31 50
I 2733	.do.	D. H. Lloyd . . . . .	Gro Azo 6x8 . . . . .	7 50
I 2734	.do.	J. C. Gabel & Co. . . . .	Heating coil . . . . .	5 00
I 2735	.do.	F. K. Robeson . . . . .	Towels . . . . .	7 20
I 2736	.do.	Anton Rowland . . . . .	Rent of land . . . . .	67 30
I 2737	.do.	Eggleston Music House . . . . .	Pianos rented . . . . .	33 00
I 2738	.do.	Olive Percival . . . . .	Assistant Household Science, one-half salary . . . . .	50 00
I 2739	Oct. 25	F. A. Wiltz . . . . .	Dogs . . . . .	8 00
I 2740	.do.	Arno A. Luttrell . . . . .	.do. . . . .	7 00
I 2741	.do.	E. H. Sargent & Co. . . . .	Laboratory apparatus . . . . .	55 72
I 2742	.do.	The Alexander Lumber Co. . . . .	Coal . . . . .	7 50
I 2743	.do.	Eimer & Amend . . . . .	Asb acid . . . . .	27 04
I 2744	.do.	Driver-Harris Wire Co. . . . .	Nichrome wire . . . . .	17 92
I 2745	.do.	F. K. Robeson . . . . .	Toweling . . . . .	4 50
I 2746	.do.	Woldenberg & Schaar . . . . .	Laboratory apparatus . . . . .	328 13
I 2747	.do.	The Harshaw Fuller & Goodwin Co. . . . .	Sodium hydroxide sticks . . . . .	12 00
I 2748	.do.	Corbin Cabinet Lock Co. . . . .	Keys . . . . .	20 00
I 2749	.do.	Truax, Greene & Co. . . . .	Laboratory apparatus . . . . .	3 16
I 2750	.do.	E. P. Reichhelm & Co. . . . .	Brick doors . . . . .	1 40
I 2751	.do.	The Daily Illini . . . . .	Subscription . . . . .	2 50
I 2752	.do.	Abbe Engineering Co. . . . .	Jar gaskets . . . . .	5 40
I 2753	.do.	M. D. Valentine & Bro. Co. . . . .	Clay . . . . .	1 56
I 2754	.do.	Fuller-Morrisson Co. . . . .	Laboratory supplies . . . . .	190 18
I 2755	.do.	Peck & Hills Furniture Co. . . . .	Desk . . . . .	5 28
I 2756	.do.	Journal of Animal Behavior . . . . .	Publication . . . . .	35 00
I 2757	.do.	Louden & Flaningam . . . . .	Printing . . . . .	2 00
I 2758	.do.	F. S. Campbell . . . . .	.do. . . . .	4 00
I 2759	.do.	Twin City Printing Co. . . . .	.do. . . . .	1 60
I 2760	.do.	T. R. Shively . . . . .	Salary, October, 1915 . . . . .	60 00
I 2761	.do.	G. S. Beaumont . . . . .	.do. . . . .	65 00
I 2762	.do.	R. S. Dunham . . . . .	.do. . . . .	60 00
I 2763	.do.	C. T. Huford . . . . .	.do. . . . .	50 00
I 2764	.do.	E. J. Filchard . . . . .	.do. . . . .	45 00
I 2765	.do.	B. H. Quastel . . . . .	.do. . . . .	45 00
I 2766	.do.	J. F. Romine . . . . .	.do. . . . .	55 00
I 2767	.do.	J. C. Anderson . . . . .	.do. . . . .	70 00
I 2768	.do.	Emmett C. Lee . . . . .	.do. . . . .	60 00
I 2769	.do.	Howard G. Osborne . . . . .	.do. . . . .	60 00
I 2770	.do.	Marie Freeman . . . . .	.do. . . . .	50 00
I 2771	.do.	Florence Churton . . . . .	.do. . . . .	40 00
I 2772	.do.	Elizabeth Cullom . . . . .	.do. . . . .	35 00
I 2773	.do.	H. B. Ingalls . . . . .	.do. . . . .	32 00
I 2774	.do.	H. A. Cate . . . . .	.do. . . . .	70 00
I 2775	.do.	Earl Garver . . . . .	.do. . . . .	65 00
I 2776	.do.	C. F. Goodman . . . . .	.do. . . . .	60 00
I 2777	.do.	M. R. Carlson . . . . .	.do. . . . .	46 00
I 2778	.do.	C. C. Jensen . . . . .	.do. . . . .	26 00
I 2779	.do.	H. C. Lawson . . . . .	.do. . . . .	30 00
I 2780	.do.	Lloyd R. Caldwell . . . . .	.do. . . . .	50 00
I 2781	.do.	W. W. Wilson . . . . .	.do. . . . .	50 00
I 2782	.do.	T. H. Lloyd . . . . .	.do. . . . .	50 00
I 2783	.do.	W. L. Bennett . . . . .	.do. . . . .	75 00
I 2784	.do.	Robert W. Stark . . . . .	.do. . . . .	100 00
I 2785	.do.	Ralph Engle . . . . .	.do. . . . .	30 00
I 2786	.do.	A. L. Moody . . . . .	.do. . . . .	45 00
I 2787	.do.	C. C. Chapman . . . . .	.do. . . . .	100 00
I 2788	.do.	Alice Reed . . . . .	.do. . . . .	60 00
I 2789	.do.	Lucy Lowe . . . . .	.do. . . . .	45 00
I 2790	.do.	Clyde Hamlin . . . . .	.do. . . . .	60 00
I 2791	.do.	R. W. Traxler . . . . .	.do. . . . .	50 00
I 2792	.do.	S. B. Hamilton . . . . .	.do. . . . .	50 00
I 2793	.do.	Dan Whitley . . . . .	.do. . . . .	45 00
I 2794	.do.	H. D. McQueen . . . . .	.do. . . . .	55 00
I 2795	.do.	M. F. Stivers . . . . .	.do. . . . .	50 00
I 2796	.do.	W. M. Woods . . . . .	.do. . . . .	50 00

## INSTRUCTION VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1915			
I 2797	Oct. 25	J. R. Kelley.....	Salary, October, 1915.....	\$ 65 00
I 2798	..do..	Andrew Tornquist.....	..do..	75 00
I 2799	..do..	M. D. Rose.....	..do..	55 00
I 2800	..do..	Lawrence Nesbit.....	..do..	55 00
I 2801	..do..	B. H. Dunlap.....	..do..	70 00
I 2802	..do..	L. A. Hunter.....	..do..	80 00
I 2803	..do..	R. C. Geisel.....	..do..	47 50
I 2804	..do..	C. L. Albee.....	..do..	45 00
I 2805	..do..	Roy Argo.....	..do..	60 00
I 2806	..do..	Lacy M. Barto.....	..do..	20 00
I 2807	..do..	D. T. Brooks.....	..do..	55 00
I 2808	..do..	Jasper Dillion.....	..do..	60 00
I 2809	..do..	W. J. Engle.....	..do..	80 00
I 2810	..do..	Lawrence Eagle.....	..do..	25 00
I 2811	..do..	W. J. Hampton.....	..do..	75 00
I 2812	..do..	W. C. Jones.....	..do..	75 00
I 2813	..do..	Fred Pine.....	..do..	80 00
I 2814	..do..	Frank Sanders.....	..do..	50 00
I 2815	..do..	J. F. Smith.....	..do..	75 00
I 2816	..do..	Charles H. Wheatercraft.....	..do..	50 00
I 2817	..do..	Mrs. A. D. Horn.....	..do..	35 00
I 2818	..do..	Mrs. Louise Redman.....	..do..	60 00
I 2819	..do..	Mrs. May Kramer.....	..do..	50 00
I 2820	..do..	Mrs. Lizzie Shue.....	..do..	40 00
I 2821	..do..	Lavina Dille.....	..do..	60 00
I 2822	..do..	J. E. Morgan.....	..do..	10 00
I 2823	..do..	John Falfrey.....	..do..	75 00
I 2824	..do..	Elmer Jenkins.....	..do..	60 00
I 2825	..do..	A. C. Peterson.....	..do..	50 00
I 2826	..do..	W. T. Marsh.....	..do..	50 00
I 2827	..do..	Lulu Meyers.....	..do..	50 00
I 2828	..do..	George Bote.....	..do..	85 00
I 2829	..do..	John Flocken.....	..do..	65 00
I 2830	..do..	Earl Meenach.....	..do..	70 00
I 2831	..do..	J. E. Murdock.....	..do..	65 00
I 2832	..do..	H. B. Deets.....	..do..	70 00
I 2833	..do..	J. S. Whitmire.....	..do..	60 00
I 2834	..do..	A. J. Stoneburner.....	..do..	50 00
I 2835	..do..	Charles Pollard.....	..do..	50 00
I 2836	..do..	Ralph Chaplin.....	..do..	60 00
I 2837	..do..	D. C. Sprinkle.....	..do..	50 00
I 2838	..do..	H. O. Woodworth.....	..do..	55 00
I 2839	..do..	Asa Egelston.....	..do..	45 00
I 2840	..do..	W. L. Harry.....	..do..	100 00
I 2841	..do..	Harry Pritchard.....	..do..	70 00
I 2842	..do..	Ralph Pritchard.....	..do..	65 00
I 2843	..do..	Emmett Brentlinger.....	..do..	55 00
I 2844	..do..	Lawrence Utterback.....	..do..	50 00
I 2845	..do..	Claude Moulder.....	..do..	50 00
I 2846	..do..	G. H. Colman.....	..do..	45 00
I 2847	..do..	Edd Taylor.....	..do..	50 00
I 2848	..do..	C. F. Harding.....	..do..	100 00
I 2849	..do..	Peter Drennan.....	..do..	80 00
I 2850	..do..	Simon David.....	..do..	50 00
I 2851	..do..	Elia George.....	..do..	50 00
I 2852	..do..	John Kastanos.....	..do..	50 00
I 2853	..do..	Johann Becker.....	..do..	55 00
I 2854	..do..	William Kerechan.....	..do..	50 00
I 2855	..do..	Harry Schultz.....	..do..	35 00
I 2856	..do..	Emery G. Hyatt.....	..do..	40 00
I 2857	..do..	John T. Blackwell.....	..do..	60 00
I 2858	..do..	William Braun.....	..do..	40 00
I 2859	..do..	Eswin E. Johns.....	..do..	45 00
I 2860	..do..	Leonard C. Cutland.....	..do..	40 00
I 2861	..do..	Joseph Klena.....	..do..	60 00
I 2862	..do..	Jacob Solomon.....	..do..	50 00
I 2863	..do..	Nicholas Michalovich.....	..do..	50 00
I 2864	..do..	Royal Typewriter Co.....	Typewriter.....	50 00
I 2865	..do..	Ralph C. Branch.....	Music.....	30 00
I 2866	..do..	Calumet Laundry Co.....	Laundry.....	44 46
I 2867	..do..	Neostyle Co.....	Office supplies.....	6 00
I 2868	..do..	Christian Becker, Inc.....	Balance.....	97 75
I 2869	..do..	C. H. Staeling Co.....	Kymographs.....	84 00
I 2870	..do..	International Forwarding Co.....	Freight and express.....	90 65
I 2871	..do..	The Nollan & Wolff Mfg. Co.....	Pine cases.....	240 00
I 2872	..do..	Keasbey & Mattison Co.....	Asbestos.....	45 80
I 2873	..do..	A. H. Andrews Co.....	Desk tops.....	48 00
I 2874	..do..	Scheidel Western X Ray Co.....	Lead glass.....	1 75

## INSTRUCTION VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
1915				
I 2875	Oct. 25	James M. White	Traveling expenses	\$ 21 45
I 2876	.do.	F. G. Hartwell Co.	Coal	26 26
I 2877	.do.	H. W. Johns-Manville Co.	Transite wood	9 52
I 2878	.do.	A. Daiger & Co.	Wire gauze	4 14
I 2879	.do.	Pittsburgh Plate Glass Co.	Glass	11 40
I 2880	.do.	Heath & Milligan Mfg. Co.	Paint	19 35
I 2881	.do.	McMaster-Carr Supply Co.	Iron cocks	12 60
I 2882	.do.	American Radiator Co.	Radiators	97 66
I 2883	.do.	Machinists Supply Co.	Twist drills	6 79
I 2884	.do.	H. Barrett & Co.	Kewanee unions	15 41
I 2885	.do.	The Western Electric Co.	Fuse plugs	12 00
I 2886	.do.	Peoples Gas Light & Coke Co.	Gas	14 88
I 2887	.do.	Demonstrators' Association of Illinois	Incidental	30 00
I 2888	.do.	Elmer & Amend	Chemical supplies	35 20
I 2889	.do.	American Battery Co.	Cells	3 00
I 2890	.do.	Paul M. Hengstenberg	Repair work	6 85
I 2891	.do.	F. J. Burns & Co.	Live frogs	7 20
I 2892	.do.	West Disinfecting Co.	Coro Noleum	42 75
I 2893	.do.	Sprague Warner & Co.	Noes safety	4 50
I 2894	.do.	The Cudahy Packing Co.	Soap	10 00
I 2895	.do.	New England Equitable Insurance Co.	Bond	5 00
I 2896	.do.	E. L. Essley Machinery Co.	Cutting engine	194 00
I 2897	.do.	Western Type Foundry	Printing	10 70
I 2898	.do.	Yawman & Erbe Mfg. Co.	Oak section	14 25
I 2899	.do.	Chicago Towel Co.	Towels	16 52
I 2900	.do.	Munson Supply Co.	Pneumatic keys	5 00
I 2901	.do.	W. M. Welch Mfg. Co.	Case	7 50
I 2902	.do.	Dunbar Rosenthal	Towels	30 60
I 2903	.do.	H. F. Bremer	Downspouts	53 83
I 2904	.do.	Hans Heydemann	Dental apparatus	9 25
I 2905	.do.	E. Von Hermann Pharmacy	Dental supplies	7 75
I 2906	.do.	Chicago Telephone Co.	Telephone	11 42
I 2907	.do.	Architectural Book Publishing Co.	Books	9 00
I 2908	.do.	John H. Williams	.do.	1 13
I 2909	.do.	Chivers Bookbinding Co.	.do.	14 00
I 2910	Oct. 26	Samuel N. Rhoads	.do.	4 25
I 2911	.do.	George P. Humphrey	.do.	2 00
I 2912	.do.	Noah Farnham Morrison	.do.	2 28
I 2913	.do.	McDevitt-Wilson's	.do.	2 75
I 2914	.do.	Hispanic Society of America	.do.	2 36
I 2915	.do.	William Abbatt	.do.	14 25
I 2916	.do.	Pittsburgh Industrial Dev. Commission	.do.	5 00
I 2917	.do.	Wm. George's Sons	.do.	3 53
I 2918	.do.	William Wesley & Son	.do.	2 58
I 2919	.do.	Magie Brothers	.do.	13 02
I 2920	.do.	S. S. White Dental Mfg. Co.	Dental apparatus	3,000 59
I 2921	.do.	C. L. Frame Dental Supply Co.	Dental material	65 59
I 2922	.do.	Maas Brothers	Dental repairs	71 55
I 2923	.do.	Western Lumber Co.	Lumber	164 88
I 2924	.do.	A. C. McClurg & Co.	General supplies	39 08
I 2925	.do.	Western Union Telegraph Co.	Time service	24 00
I 2926	.do.	Illinois Malleable Iron Co.	General supplies	53 97
I 2927	.do.	Thos. J. Dee & Co.	Dental supplies	167 15
I 2928	.do.	Bradner Smith & Co.	Office supplies	10 90
I 2929	.do.	Western Educational Advertising Agency	Advertising	414 68
I 2930	.do.	Fuller Morrison Co.	General supplies	109 96
I 2931	.do.	The R. D. Swisher Mfg. Co.	.do.	4 50
I 2932	.do.	Physicians' Supply & Drug Co.	Medical supplies	8 41
I 2933	.do.	Mallory, Mitchell & Faust	Advertising	429 64
I 2934	.do.	Bausch & Lomb Optical Co.	General supplies	83 10
I 2935	.do.	Keystone Type Foundry	Printing	53 14
I 2936	.do.	Hamblin Plumbing Co.	Plumbing	307 69
I 2937	.do.	V. Mueller & Co.	General supplies	202 23
I 2938	.do.	Ahrens & Schreiner	.do.	23 03
I 2939	.do.	Central Scientific Co.	.do.	18 24
I 2940	.do.	Huntley Dairy Co.	Dairy supplies	3 70
I 2941	.do.	Ernst Leitz	Laboratory apparatus	251 19
I 2942	.do.	Atlas School Supply Co.	Kraoplate blocked	20 50
I 2943	.do.	Peck & Hills Furniture Co.	Office equipment	67 01
I 2944	.do.	Marshall Field & Co.	General supplies	24 30
I 2945	.do.	Spencer Lens Co.	Lamps	101 25
I 2946	.do.	Chicago Engineering Co.	Engineering supplies	10 90
I 2947	.do.	The Bradford-Browne Co.	Furniture polish	14 25
I 2948	.do.	Hygienic Fibre Co.	Gauze	130 00
I 2949	.do.	Arthur Ochs	Rabbits and pigs	67 50
I 2950	.do.	Barron Bros. Coal Co.	Hay	3 37
I 2951	.do.	The Carswell Co.	Prize cases	3 60
I 2952	.do.	J. Terquem	Books	33 60

## INSTRUCTION VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1915			
I 2953	Oct. 26	A. C. McClurg	Books	\$251 66
I 2954	..do..	G. E. Stechert & Co.	..do..	404 33
I 2955	..do..	Burgmeier Book Co.	..do..	261 02
I 2956	..do..	The Boston Book Co.	..do..	10 83
I 2957	..do..	Cameron, Amberg & Co.	Printing	119 90
I 2958	Oct. 27	A. C. McClurg & Co.	Books	10 27
I 2959	..do..	Buffalo Scale Co.	Scale beam	38 00
I 2960	..do..	Champaign Seed Co.	Seeds	12 50
I 2961	..do..	Twin City Roofing Co.	Repairing stoves	12 60
I 2962	..do..	National Fire Proofing Co.	Implements, silos	110 00
I 2963	..do..	Geo. Agle & Sons	Clover	88 64
I 2964	..do..	Stover Mfg. Co.	Number 3 Duplex, repairs	9 45
I 2965	..do..	Frank Marshall	Traveling expenses	1 64
I 2966	..do..	G. & C. Merriam Co.	Books	18 28
I 2967	..do..	Underwood Typewriter Co.	Roller	3 00
I 2968	..do..	James H. Greene	Traveling expenses	4 50
I 2969	..do..	Hunter Rourke & Co.	Book boxes	5 00
I 2970	..do..	The Kauffman-Lattimer Co.	Laboratory apparatus	174 87
I 2971	..do..	H. Swannell & Son	Beef extract	3 00
I 2972	..do..	Empire Laundry	Laundry	4 10
I 2973	..do..	Elmer & Amend	Trip scales	25 24
I 2974	..do..	Montgomery Ward & Co.	Gas tubing	9 60
I 2975	..do..	Knowlton & Bennett	Refrigerator repairs	2 50
I 2976	..do..	E. H. Sargent & Co.	Laboratory supplies	85 74
I 2977	..do..	Bausch & Lomb Optical Co.	Laboratory apparatus	18 90
I 2978	..do..	Peck & Hills Furniture Co.	Table	7 84
I 2979	..do..	E. Leitz	Lens reset	6 36
I 2980	..do..	Neostyle Co.	Stencil paper	1 75
I 2981	..do..	Chicago Medical Book Co.	Books	3 06
I 2982	..do..	Anchor Core Economy Soap Co.	Soap	6 00
I 2983	..do..	G. E. Stechert & Co.	Books	156 39
I 2984	..do..	The Boston Book Co.	..do..	10 62
I 2985	..do..	The University of Chicago Press	..do..	3 00
I 2986	..do..	The Survey	..do..	4 50
I 2987	..do..	The John Clark Co.	..do..	1 80
I 2988	..do..	P. Stammer	..do..	22 50
I 2989	..do..	Thomas Publishing Co.	..do..	10 00
I 2990	..do..	William Wesley & Son	..do..	10 96
I 2991	..do..	J. M. Hanson-Bennett Magazine Agency	Magazine	1 00
I 2992	..do..	C. F. Libbie & Co.	Books	16 29
I 2993	..do..	M. E. Thompson, Cashier	Bills paid	335 82
I 2994	..do..	M. E. Thompson, Cashier	..do..	227 89
I 2995	..do..	M. E. Thompson, Cashier	..do..	16 50
I 2996	..do..	Pantagraph Printing & Stationery Co.	Printing	82 17
I 2997	..do..	The University Press	..do..	3 25
I 2998	Oct. 28	G. E. Stechert & Co.	Books	24 95
I 2999	..do..	A. C. McClurg & Co.	..do..	6 50
I 3000	..do..	Barker & Wheeler Co.	Alcohol	6 40
I 3001	..do..	L. C. Smith & Brothers	Rent on machine	15 00
I 3002	..do..	Chicago Medical Book Co.	Books	2 03
I 3003	..do..	A. J. Crouch	Wheat straw	55 43
I 3004	..do..	F. W. Wascher	Traveling expenses	22 85
I 3005	..do..	E. Van Alstine	..do..	10 27
I 3006	..do..	Henry Sotheran & Co.	Books	7 35
I 3007	..do..	Martinus Nijhoff	..do..	113 44
I 3008	..do..	J. Terquem	..do..	15 96
I 3009	Oct. 29	Pay roll	October, 1915	156 00
		Hughes, Mary	Salary	\$100 00
		Peterson, F. W.	..do..	26 00
		Messer, Florence	..do..	30 00
I 3010	..do..	Pay roll	October, 1915	63 45
		Hammitt, Susan	Salary	\$63 45
I 3011	..do..	W. B. Castenholz, Comptroller	Material furnished from University storeroom	96 94
I 3012	..do..	W. B. Castenholz, Comptroller	..do..	161 18
I 3013	..do..	M. H. Campbell	Traveling expenses	13 49
I 3014	..do..	The Creamery Package Mfg. Co.	Dairy supplies	127 19
I 3015	..do..	The DeLaval Separator Co.	Oil	3 30
I 3016	..do..	N. H. Jackson	Labor	92 25
I 3017	..do..	Fred Percival	..do..	47 50
I 3018	..do..	Wm. Sim Drug Co.	Chemicals	2 00
I 3019	..do..	The Tablet & Ticket Co.	Office supplies	6 13
I 3020	..do..	Putnam-Page Co.	..do..	15 68
I 3021	..do..	Louden & Flaningam	Manila folders	3 25
I 3022	..do..	The American Multigraph Sales Co.	Office supplies	2 80
I 3023	..do..	Irving Pitt Mfg. Co.	..do..	1 03
I 3024	..do..	Chester Horseshoeing Shop	Horseshoes	3 50
I 3025	..do..	Frank Zercher	Mower sickle	1 25

## INSTRUCTION VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1915			
I 3026	Oct. 29	The Burr Co. ....	General supplies	\$ 16 85
I 3027	do.	E. H. Sargent & Co.	Chemicals.	29 69
I 3028	do.	Julien P. Friez & Sons	Register pens.	5 00
I 3029	do.	Bausch & Lomb Optical Co.	Thermometers	31 20
I 3030	do.	The Champaign Bottling Works	Tank.	1 00
I 3031	do.	S. V. Holt.	Traveling expenses.	30 30
I 3032	do.	R. W. Dickenson.	do.	42 35
I 3033	do.	H. C. Wheeler.	do.	38 74
I 3034	do.	Chas. A. Campbell	do.	66 71
I 3035	do.	C. C. Logan.	do.	27 66
I 3036	do.	Eisner Grocery Co.	General supplies	21 70
I 3037	do.	Taylor Hardware Co.	do.	6 88
I 3038	do.	Standard Cap & Seal Co.	Dairy supplies	108 00
I 3039	do.	Thatcher Mfg. Co.	do.	52 94
I 3040	do.	The Chester Transfer Co.	Drayage	41 34
I 3041	do.	Champaign Steam Laundry	Laundry	19 19
I 3042	do.	Herf & Frerichs Chemical Co.	Chemicals.	46 52
I 3043	do.	Champaign Ice Cream Co.	Salt.	9 00
I 3044	do.	Valvoline Oil Co.	Oil.	11 02
I 3045	do.	Blanke Mfg. & Supply Co.	General supplies	44 00
I 3046	do.	Louis Ely & Co.	Apparatus repairs.	2 75
I 3047	do.	Champaign Sanitary Milk Co.	Dairy products.	51 35
I 3048	do.	City of Urbana, account C. B. Helmes	Sundries.	2 50
I 3049	do.	John Reichard.	Corn.	119 12
I 3050	do.	Houser & Sutton.	Hay.	302 86
I 3051	do.	B. A. Strauch.	Film packs.	9 00
I 3052	do.	W. H. Smith.	Traveling expenses.	2 58
I 3053	do.	W. J. Carmichael.	do.	2 58
I 3054	do.	Metzler & Schafer Co.	General supplies	7 49
I 3055	do.	A. S. Nelson & Sons.	do.	3 80
I 3056	do.	Shavings & Sawdust Co.	Shavings.	208 15
I 3057	do.	Cunningham Bros.	Standard plates.	9 50
I 3058	do.	Corbin Cabinet Lock Co.	Keys.	2 35
I 3059	do.	International Harvester Co.	Machinery.	60 00
I 3060	do.	Hunter Rourke & Co.	Cypress and lime.	16 20
I 3061	do.	D. H. Lloyd.	Shipping tags.	6 00
I 3062	do.	The Alexander Lumber Co.	Shavings.	1 50
I 3063	do.	F. K. Robeson.	Strainer cloth.	3 83
I 3064	do.	J. E. Whitechurch.	Traveling expenses.	35 42
I 3065	do.	National Drain Tile Co.	Drain tile.	45 00
I 3066	do.	E. E. Hoskins.	Traveling expenses.	22 28
I 3067	do.	J. G. Mosier.	do.	13 37
I 3068	do.	Harrison Fahrnkopf.	do.	47 29
I 3069	do.	Wm. J. Smith.	Pore. insulators.	1 00
I 3070	do.	The Inner Braced Furniture Co.	Chairs.	116 88
I 3071	do.	Review Publishing Co.	Decatur review.	3 20
I 3072	do.	The Globe-Wernicke Co.	Office equipment.	18 67
I 3073	Oct. 30	W. B. Castenholz, Comptroller.	Material furnished from University storeroom	918 44
I 3074	do.	Louden & Flaningam	Printing.	10 50
I 3075	do.	P. M. Hengstenberg	Technician.	75 00
I 3076	do.	Hanson-Bennett Magazine Agency	Journal.	5 00
I 3077	do.	The Western Electric Co.	Morse keys.	7 20
I 3078	do.	Sears, Roebuck & Co.	General supplies	6 04
I 3079	do.	Huntley Dairy Co.	Kazol.	1 95
I 3080	do.	University Hospital.	Board and room	235 00
I 3081	do.	Chicago Towel Co.	Laundry.	19 11
I 3082	do.	Jacobs & Holmes.	Printing.	502 25
I 3083	do.	John Becker.	Rabbits and cats.	20 00
I 3084	do.	A. Daigger & Co.	Laboratory apparatus.	14 50
I 3085	do.	General Electric Co.	Electrical supplies	35 70
I 3086	do.	Bradner, Smith & Co.	Office supplies	77 50
I 3087	do.	Wilmington Fibre Specialty Co.	Wilmington fibre.	3 74
I 3088	do.	Detroit Copper & Brass Rolling Mills.	Brass rods.	4 01
I 3089	do.	Edward C. Schmidt.	Traveling expenses.	12 59
I 3090	do.	Commonwealth Edison Co.	Meter readings.	259 53
I 3091	do.	Illinois Malleable Iron Co.	Boiler repairs.	13 27
I 3092	do.	V. Mueller & Co.	Microscopes.	1,655 05
I 3093	do.	Cunningham Bros.	General supplies	2 30
I 3094	do.	Taylor Hardware Co.	do.	3 85
I 3095	do.	Champaign Seed Co.	Grain.	11 50
I 3096	do.	Martinus Nijhoff.	Books.	14 66
I 3097	do.	B. H. Blackwell.	do.	58 89
I 3098	do.	Lucien Gougy.	do.	25 65
I 3099	do.	G. Fock.	do.	10 12
I 3100	do.	L. H. Provine.	Traveling expenses.	8 79
I 3101	do.	Machinist Supply Co.	Laboratory supplies.	5 85
I 3102	do.	Fuller-Morrisson Co.	Boxes.	1 94

## INSTRUCTION VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
I 3103	1915 - Oct. 30	Peoples Gas Light & Coke Co.	Lighting	\$ 57 86
I 3104	do.	Pittsburgh Plate Glass Co.	Glass	2 00
I 3105	do.	Cosmo Electric Construction Co.	Wiring and lighting	405 00
I 3106	do.	Western Educational Advertising Agency	Advertising	31 25
I 3107	do.	R. N. Hart	Traveling expenses	12 75
I 3108	do.	P. P. Caproni & Bro.	Chariot race	9 00
I 3109	do.	Merck & Co.	Chemicals	56 89
I 3110	do.	Peoria Tent & Awning Co.	Awning	117 45
I 3111	do.	Addressograph Co.	Office supplies	2 57
I 3112	do.	Irving Pitt Mfg. Co.	Bk. covers	3 80
I 3113	do.	W. A. Milmine	Prints	1 50
I 3114	do.	Royal A. Stipes	Sand	3 00
I 3115	do.	Standard Cap & Seal Co.	Rent	4 50
I 3116	do.	John Reichard	Oats	40 50
I 3117	do.	American Hereford Cattle Breeders Association	Registration	2 00
I 3118	do.	R. E. Kidder Flour Mills	Bran	352 00
I 3119	do.	Amos Ross	Orchard rent	13 71
I 3120	do.	Lena A. Roth	Salary, October, 1915	50 00
I 3121	do.	Florence Stoutzenberg	do	20 00
I 3122	do.	General Electric Co.	Electrical supplies	54 60
I 3123	do.	Creamery Package Mfg. Co.	Butter printer	15 00
I 3124	do.	J. G. Cherry Co.	Machinery	74 50
I 3125	do.	Frick Co.	do	500 00
I 3126	do.	The Newton & Hoyt Co.	Chairs	18 75
I 3127	do.	White Line Laundry	Laundry	6 95
I 3128	do.	A. H. Harber Creamery Supply Co.	Tester	40 50
I 3129	do.	Torsion Balance Co.	Scales	240 00
I 3130	do.	Post Express Printing Co.	Subscription	2 25
I 3131	do.	Twin City Roofing Co.	Air chamber	10 00
I 3132	do.	J. F. Hobbs	Wheat straw	196 49
I 3133	do.	Swift & Henry	Live stock	1,714 03
I 3134	do.	T. L. Endsley & Son	do	20 00
I 3135	do.	D. H. Loyde	Rent	25 00
I 3136	do.	Wagner Electric Mfg. Co.	Wattmeter	29 93
I 3137	do.	Burroughs Adding Machine Co.	Adding machine	187 50
I 3138	do.	A. N. Nystrom & Co.	Maps	5 20
I 3139	do.	Taylor Hardware Co.	General supplies	15 35
I 3140	do.	H. Swannell & Son	Oil	8 40
I 3141	do.	E. H. Sargent & Co.	Acid	1 75
I 3142	do.	Fuller-Morrison Co.	Oil	1 10
I 3143	do.	Driver-Harris Wire Co.	Wire	3 08
I 3144	do.	Ottawa Silica Co.	Sand	1 50
I 3145	do.	Hunter Rourke & Co.	Lime	1 15
I 3146	do.	Central Scientific Co.	Carbon	3 90
I 3147	do.	Remington Typewriter Co.	Repairs	1 25
I 3148	do.	Fuller-Morrison Co.	Hydrogen	7 00
I 3149	do.	A. S. Nelson & Sons	Poultry	7 36
I 3150	do.	C. P. Howard	Incidentals	1 75
I 3151	do.	American Steam Gauge & Valve Co.	Indicator cord	3 65
I 3152	do.	D. VanNostrand Co.	Books	2 70
I 3153	do.	Kenfel & Esser Co.	Office supplies	12 08
I 3154	do.	J. F. Price	Plate glass	9 00
I 3155	do.	Walker & Mulliken	Shades	1 00
I 3156	do.	Eimer & Amend	General supplies	5 88
I 3157	do.	J. C. Gabel & Co.	Card holders	5 25
I 3158	do.	Geo. B. Carpenter	Belting	14 22
I 3159	do.	Concordia Safety Lamp Co.	Lamp	5 85
I 3160	do.	The Harrington & King Perforating Co.	Perforating	3 34
I 3161	do.	Machinists Supply Co.	Iron rods	17 68
I 3162	do.	Spray Engineering Co.	Spray	20 07
I 3163	do.	The Carborundum Co.	Alox wheels	33 96
I 3164	do.	The Bristol Co.	Gauge	22 00
I 3165	do.	E. W. Benedict (Titanium Alloy Mfg. Co.)	Alloy	11 60
I 3166	do.	J. W. Paxson Co.	Skimmer	2 75
I 3167	do.	G. R. Grubb & Co.	Etchings	5 40
I 3168	do.	Crosby Steam Gage & Valve Co.	General supplies	9 08
I 3169	do.	Oldham Brothers	Paint	4 25
I 3170	do.	The Felix F. Daus Duplicator Co.	Negative roll	2 00
I 3171	do.	J. T. Ryerson & Son	Laboratory supplies	6 13
I 3172	do.	National Clamp Co.	Clamps	2 56
I 3173	do.	The Alexander Lumber Co.	Cypress	1 97
I 3174	do.	Eisner Grocery Co.	Salt	1 40
I 3175	do.	Longman, Green & Co.	Books	5 72



## INSTRUCTION VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
I 3176	1915 Oct. 30	W. B. Castenholz, Comptroller.....	Material furnished from University storeroom.....	\$ 211 00
I 3177	Nov. 2	Louise Bennett.....	Wages, October, 1915.....	44 75
I 3178	do.	Agnes A. Wagner.....	do.....	40 00
I 3179	do.	Marion E. Sparks.....	do.....	1 20
I 3180	Nov. 5	E. W. Donoho.....	Services.....	30 00
I 3181	do.	Naomi Newburn.....	Addresses.....	10 00
I 3182	do.	W. S. Brock.....	Traveling expenses.....	4 25
I 3183	do.	A. J. Gunderson.....	do.....	17 71
I 3184	do.	Isabel Bevier.....	do.....	19 48
I 3185	do.	C. C. Logan.....	do.....	12 89
I 3186	do.	Frank Leggett.....	do.....	13 54
I 3187	do.	M. R. Carlsen.....	do.....	8 44
I 3188	do.	Chris C. Jensen.....	do.....	8 31
I 3189	do.	H. C. Lawson.....	do.....	6 99
I 3190	do.	Lloyd R. Caldwell.....	do.....	34 17
I 3191	do.	H. C. Gilkerson.....	do.....	49 24
I 3192	do.	A. L. Shriver.....	Wages, October, 1915.....	51 48
I 3193	do.	George F. Smalley.....	do.....	42 00
I 3194	do.	Thos. Lyons.....	do.....	50 80
I 3195	do.	Will Patterson.....	do.....	50 08
I 3196	do.	M. E. Thompson, Cashier.....	Bills paid.....	265 28
I 3197	do.	M. E. Thompson, Cashier.....	do.....	17 36
I 3198	do.	M. E. Thompson, Cashier.....	do.....	389 65
I 3199	do.	Ida Luther.....	Salary, October, 1915.....	50 00
I 3200	do.	K. E. Geisendorfer.....	Wages, October, 1915.....	33 00
I 3201	do.	M. Morrel.....	do.....	34 70
I 3202	do.	F. Louret.....	do.....	34 70
I 3203	do.	F. Stewart.....	do.....	25 50
I 3204	do.	M. H. Campbell.....	do.....	18 00
I 3205	do.	Roy Johnson.....	do.....	24 15
I 3206	do.	E. Johnson.....	do.....	36 30
I 3207	Nov. 8	W. B. Castenholz, Comptroller.....	Material furnished from University storeroom.....	30 18
I 3208	do.	McKey & Poague, Agents.....	Rent.....	500 00
I 3209	do.	Henry Kraemer.....	Books.....	4 25
I 3210	do.	High School Life.....	Advertising.....	5 00
I 3211	do.	Powers & Powers.....	Living Hydra.....	1 25
I 3212	do.	Bee Publishing Co.....	Subscription.....	2 00
I 3213	do.	Multiplex Display Fixture Co.....	Duplex fixture.....	95 00
I 3214	do.	Underwood & Underwood.....	General supplies.....	2 90
I 3215	do.	Spencer Lens Co.....	No. 66 stand.....	3 50
I 3216	do.	Geo. B. Carpenter & Co.....	Ball bearing.....	148 96
I 3217	do.	D. H. Loyde.....	Books.....	48 19
I 3218	do.	Tinius Olsen Testing Machine Co.....	Testing machine.....	1,750 00
I 3219	do.	John O. Smith.....	Repair work.....	1 00
I 3220	do.	Chas. A. Hall Co.....	General supplies.....	2 15
I 3221	do.	Hunter, Rourke & Co.....	Cypress.....	17 77
I 3222	do.	E. H. Sargent & Co.....	Weights.....	21 66
I 3223	do.	West Publishing Co.....	Books.....	27 00
I 3224	do.	A. C. McClurg & Co.....	do.....	17 87
I 3225	do.	LaSalle Extension University.....	do.....	3 15
I 3226	do.	The Carswell Co.....	do.....	2 19
I 3227	do.	Yale University Press.....	do.....	5 26
I 3228	do.	The American Law Book Co.....	do.....	5 00
I 3229	do.	The Lawyers Co-operative Publishing Co.....	do.....	2 50
I 3230	do.	Canada Law Book Co.....	do.....	7 00
I 3207½	do.	Peck & Hills Furniture Co.....	Chairs.....	23 65
I 3208½	do.	J. C. Thomas.....	Iron tubes.....	3 00
I 3209½	do.	Standard Oil Co.....	Oil.....	8 42
I 3210½	do.	C. H. Besly & Co.....	General supplies.....	7 84
I 3211½	do.	Taylor Hardware Co.....	do.....	6 75
I 3212½	do.	Metzler & Schafer Co.....	do.....	4 15
I 3213½	do.	Eugene Dietzgen Co.....	do.....	7 28
I 3214½	do.	Eimer & Amend.....	Laboratory apparatus.....	51 56
I 3215½	do.	Indiana Oxygen Co.....	Oxygen.....	2 00
I 3216½	do.	F. W. Wachsner.....	Traveling expenses.....	32 10
I 3217½	do.	H. C. Wheeler.....	do.....	35 79
I 3218½	do.	S. V. Holt.....	do.....	40 49
I 3219½	do.	R. W. Dickenson.....	do.....	41 22
I 3220½	do.	J. G. Mosier.....	do.....	11 55
I 3221½	do.	Ernst Leitz.....	Ap. Lens 10X.....	3 81
I 3222½	do.	The Arthur H. Thomas Co.....	Glass rings.....	5 11
I 3223½	do.	B. F. Stevenson & Son.....	General supplies.....	6 00
I 3224½	do.	Walker & Mulliken.....	Shades.....	13 00
I 3225½	do.	M. E. Jahr.....	Traveling expenses.....	18 64
I 3226½	do.	Wm. Powell.....	Field work.....	32 37
I 3227½	do.	Geo. W. Matheny.....	do.....	56 25

## INSTRUCTION VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1915			
I 3228 <sup>1</sup>	Nov. 8	Frank Morgan	Field work	\$ 30 00
I 3229 <sup>2</sup>	..do.	Wm. Aten, Sr.	..do.	44 12
I 3230 <sup>3</sup>	..do.	P. A. Swank	..do.	55 58
I 3231	..do.	Frank Shepard Co.	Books	103 00
I 3232	..do.	T. H. Flood & Co.	..do.	60 97
I 3233	..do.	Burgmeir Book Bindery	..do.	1 19
I 3234	..do.	L. C. Smith & Bros.	Rent	7 50
I 3235	..do.	Peck & Hills Furniture Co.	Chairs and desks	81 74
I 3236	..do.	Reliable Plumbing & Heating Co.	General supplies	37 54
I 3237	..do.	Architectural Book Publishing Co.	Books	5 50
I 3238	..do.	Chicago Pneumatic Tool Co.	Oil	1 95
I 3239	..do.	Leavitt Mfg. Co.	General supplies	16 01
I 3240	..do.	H. W. Johns-Manville Co.	Pipe covering	130 05
I 3241	..do.	C. L. Frame Dental Supply Co.	General supplies	71 69
I 3242	..do.	Thos. J. Dee & Co.	..do.	215 41
I 3243	..do.	Hamblin Plumbing Co.	Plumbing	32 25
I 3244	..do.	V. Mueller & Co.	Dental supplies	2 75
I 3245	..do.	Maas Brothers	..do.	2 50
I 3246	..do.	Weston Electric Instrument Co.	Voltmeter repairs	5 30
I 3247	..do.	Crouse-Hinds Co.	Switches	9 35
I 3248	..do.	Devoe & Reynolds Co.	Brushes	18 59
I 3249	..do.	Royal A. Stipes	Sand	30 00
I 3250	..do.	Twin City Ice & Cold Storage Co.	Ice	24 00
I 3251	..do.	Woldenberg & Schaar	Laboratory supplies	52 98
I 3252	..do.	T. C. Frye	Laboratory apparatus	4 06
I 3253	..do.	L. Hubbs, Stanford University	Hagfish	15 00
I 3251 <sup>1</sup>	..do.	Claude Vaughn	Field work	32 90
I 3252 <sup>2</sup>	..do.	Wm. Fliege	..do.	48 82
I 3253 <sup>3</sup>	..do.	Albert Tate	..do.	74 93
I 3254 <sup>4</sup>	..do.	A. F. Gustafson	Traveling expenses	32 36
I 3255 <sup>5</sup>	..do.	E. E. Hoskins	..do.	18 86
I 3256 <sup>6</sup>	..do.	F. W. Garrett	Field work	117 82
I 3257 <sup>7</sup>	..do.	H. C. Gilkerson	Traveling expenses	19 82
I 3258 <sup>8</sup>	..do.	J. H. Smith	Field work	62 30
I 3259 <sup>9</sup>	..do.	The American Rolling Mill Co.	Ingot iron	3 69
I 3240 <sup>1</sup>	..do.	Leavitt Mfg. Co.	Coke	12 71
I 3241 <sup>2</sup>	..do.	The O. Hommel Co.	Spray machines	36 00
I 3242 <sup>3</sup>	..do.	University Hospital	Board and room	282 00
I 3243 <sup>4</sup>	..do.	Calumet Laundry Co.	Laundry	67 28
I 3244 <sup>5</sup>	..do.	Chicago Telephone Co.	Telephone	11 42
I 3245 <sup>6</sup>	..do.	Chicago Medical Book Co.	Books	14 18
I 3246 <sup>7</sup>	..do.	Bradner Smith & Co.	Office supplies	2 10
I 3247 <sup>8</sup>	..do.	A. Kroch & Co.	Books	76 97
I 3248 <sup>9</sup>	..do.	Western Lumber Co.	Lumber	31 96
I 3249 <sup>10</sup>	..do.	Davis & Kreeger	Varnish	28 50
I 3250 <sup>11</sup>	..do.	V. Mueller & Co.	General supplies	17 25
I 3251 <sup>12</sup>	..do.	Peck & Hills Furniture Co.	Chairs	4 25
I 3252 <sup>13</sup>	..do.	Thompson & Jameson	Elevator repairs	6 85
I 3253 <sup>14</sup>	..do.	Stromberg Carlson Telephone Mfg. Co.	Telephone repairs	20 07
I 3254 <sup>15</sup>	..do.	H. W. Johns-Manville Co.	Asbestos	57 63
I 3255 <sup>16</sup>	..do.	Maas Brothers	Med. repairs	11 00
I 3256 <sup>17</sup>	..do.	Hamblin Plumbing Co.	Plumbing	84 34
I 3257 <sup>18</sup>	..do.	Vaughan's Seed Store	Bulbs	5 00
I 3254 <sup>1</sup>	..do.	The Carborundum Co.	Laboratory supplies	15 08
I 3255 <sup>2</sup>	..do.	G. R. Grubb & Co.	Zinc halftones	6 90
I 3256 <sup>3</sup>	..do.	W. S. Tyler Co.	Wire	24 00
I 3257 <sup>4</sup>	..do.	Bacon Brothers	Paint	1 55
I 3258 <sup>5</sup>	..do.	Dan W. Tait	Lamps	3 31
I 3259 <sup>6</sup>	..do.	Harrison Fahrnkopf	Traveling expenses	11 23
I 3260 <sup>7</sup>	..do.	H. J. Snider	..do.	60 39
I 3261 <sup>8</sup>	..do.	Indian Refining Co.	Gasoline	7 00
I 3262 <sup>9</sup>	..do.	Library Bureau	Oak units	86 50
I 3263 <sup>10</sup>	..do.	H. P. Rusk	Traveling expenses	37 14
I 3264 <sup>11</sup>	..do.	C. W. Wray	..do.	11 52
I 3265 <sup>12</sup>	..do.	R. H. Wilcox	..do.	15 02
I 3266 <sup>13</sup>	..do.	The Burr Co.	Testing coil	2 50
I 3267 <sup>14</sup>	..do.	G. S. Blakeslee & Co.	Knives	2 56
I 3268 <sup>15</sup>	..do.	Susan B. Walcott	Addresses	30 00
I 3269 <sup>16</sup>	..do.	W. Lewis & Co.	General supplies	1 88
I 3270 <sup>17</sup>	..do.	The Sterling Press	Tapes	1 00
I 3271 <sup>18</sup>	..do.	B. F. Stevenson & Son	Food supplies	8 00
I 3272 <sup>19</sup>	..do.	Chicago Paper Co.	Printing	14 50
I 3273 <sup>20</sup>	..do.	Flanigan-Pearson Co.	..do.	4 85
I 3274 <sup>21</sup>	..do.	Bernard Harrington	Wages, October, 1915	60 00
I 3275 <sup>22</sup>	..do.	J. W. Rhinesmith	..do.	45 83
I 3276 <sup>23</sup>	Nov. 10	Harris & Dillavou Co.	Coal	116 79
I 3277 <sup>24</sup>	..do.	B. E. Spalding	Chemicals	62 02
I 3278 <sup>25</sup>	..do.	W. J. Carmichael	Traveling expenses	7 89

## INSTRUCTION VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1915			
I 3279	Nov. 10	E. A. Eichhorst	Harness repairs	\$ 2 05
I 3280	..do...	Burke & James, Inc.	Plate holders	4 32
I 3281	..do...	Bacon Brothers	Paint	4 50
I 3282	..do...	Conner & Quayle	Horseshoes	4 00
I 3283	..do...	Chester Horseshoeing Shop	..do	7 50
I 3284	..do...	C. C. Ferguson	..do	8 00
I 3285	..do...	A. S. Nelson & Sons	General supplies	1 30
I 3286	..do...	Bausch & Lomb Optical Co.	Mazdas	27 00
I 3287	..do...	Underwood & Underwood	Photographs	19 60
I 3288	..do...	W. D. Messinger & Co.	Gummed paper	2 89
I 3289	..do...	The University of Illinois Supply Store	General supplies	3 83
I 3290	..do...	F. M. Leslie	Framing picture	3 15
I 3291	..do...	Underwood Typewriter Co.	Platen	2 00
I 3292	..do...	A. Nystrom & Co.	Books	3 20
I 3293	..do...	E. W. Maxwell	Straw	256 25
I 3294	..do...	Geo. B. Carpenter & Co.	Manila hemp	3 00
I 3295	..do...	L. C. Smith & Bros.	Platen roll	2 00
I 3296	..do...	Corbin Cabinet Lock Co.	Padlocks	39 74
I 3297	..do...	Keasbey & Mattison Co.	Asbestos	50 53
I 3298	..do...	Chicago Telephone Co.	Telephone	72 15
I 3299	..do...	J. T. Newsome	Wages, October, 1915	24 00
I 3300	..do...	F. C. Newsome	..do	24 00
I 3301	..do...	Helen Louise Johnson	Addresses	19 92
I 3302	..do...	Mrs. Charlotte G. Baker	..do	20 00
I 3303	..do...	W. H. Smith	Traveling expenses	2 45
I 3304	..do...	C. C. Logan	..do	15 12
I 3305	..do...	R. W. Dickenson	..do	38 39
I 3306	..do...	S. V. Holt	..do	39 23
I 3307	..do...	J. T. Newsome	..do	27 89
I 3308	..do...	H. C. Gilkerson	..do	21 49
I 3309	..do...	Harrison Fahrnkopf	..do	23 89
I 3310	..do...	H. J. Snider	..do	70 56
I 3311	..do...	John McNamara	Field work	76 67
I 3312	..do...	Mrs. Earl W. Donoho	Conducting school	30 77
I 3313	..do...	John Berlin	Field work	61 52
I 3314	..do...	Ulric Johnson	..do	41 96
I 3315	..do...	Alfred Bergren	..do	84 17
I 3316	..do...	J. B. Marshall	..do	104 41
I 3317	..do...	Stephen Rogers	..do	148 11
I 3318	..do...	O. S. Watkins	Traveling expenses	50 49
I 3319	..do...	James H. Greene	..do	12 78
I 3320	..do...	Smith & Co.	Ice	4 00
I 3321	..do...	J. E. Higenfritz Sons Co.	Nursery stock	58 00
I 3322	..do...	C. C. Ferguson	Horseshoes	3 00
I 3323	..do...	Frison Carriage Shop	Plow shares	1 2C
I 3324	..do...	International Press Clipping Bureau	Clipping service	5 0C
I 3325	..do...	Montgomery Ward & Co.	Dusters	23 74
I 3326	..do...	J. L. Armstrong	Red brick	4 8C
I 3327	..do...	Library Bureau	Tin trays	21 1
I 3328	..do...	Vaughan's Seed Store	Seeds	11 1
I 3329	..do...	D. E. Lee	Straw	118 46
I 3330	..do...	Dallenbach Bros.	Food supplies	202 52
I 3331	..do...	Central Scientific Co.	Laboratory supplies	24 66
I 3332	..do...	Commercial Telephone & Telegraph Co.	Telephone	7 05
I 3333	..do...	Illinois State Penitentiary	Brooms	2 55
I 3334	..do...	David Weeks, Jr.	Straw	135 25
I 3335	..do...	Zenner Disinfectant Co.	Zenoleum	6 25
I 3336	..do...	S. R. Bagwell Commission Co.	Oil meal	760 00
I 3337	..do...	Pattengall Bros.	Meal	3 50
I 3338	..do...	Chester Blacksmith Shop	Horseshoes	3 50
I 3339	..do...	A. H. Barber Creamery Supply Co.	Safety valve	5 29
I 3340	..do...	E. W. Sampson	Farm machinery	6 50
I 3341	..do...	John H. Doyle	Pails	4 50
I 3342	..do...	B. E. Spalding	General supplies	3 50
I 3343	..do...	E. V. Kirby Auto Co.	Horn	5 00
I 3344	..do...	Chester Horseshoeing Shop	Horseshoes	18 50
I 3345	..do...	The Chester Transfer Co.	Drayage	37 28
I 3346	..do...	Twin City Roofing Co.	Strainer repairs	2 45
I 3347	..do...	The Foxboro Co.	Charts	2 62
I 3348	..do...	The Garlock Packing Co.	Packing	2 55
I 3349	..do...	Twin City Creamery Co.	Salt	4 60
I 3350	..do...	Twin City Ice & Cold Storage Co.	Ice	25 00
I 3351	..do...	International Harvester Co.	Check valve	14 54
I 3352	..do...	The Kauffman-Lattimer Co.	Laboratory supplies	5 61
I 3353	..do...	Burroughs Adding Machine Co.	Burroughs machine	281 25
I 3354	..do...	Kieselguhr Co. of America	Laboratory supplies	2 00
I 3355	..do...	J. J. Hall & Son	General supplies	43 12
I 3356	..do...	International Acheron Graphite Co.	Laboratory supplies	17 30

## INSTRUCTION VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
1915				
I 3357	Nov. 10	The Linde Air Products Co.	Oxygen	\$ 4 50
I 3358	..do..	The Champaign Bottling Works	Laboratory supplies	9 50
I 3359	..do..	Bacon Bros.	Paint	1 00
I 3360	..do..	Walker & Mulliken	Burlap	1 25
I 3361	..do..	The University of Illinois Supply Store	General supplies	6 75
I 3362	..do..	B. F. Stevenson & Son	Mushrooms	6 00
I 3373	..do..	Alfred Rehder	Museum specimens	25 00
I 3364	..do..	Bausch & Lomb Optical Co.	Microscope supplies	2 50
I 3365	..do..	C. H. Stoelting Co.	Laboratory supplies	10 57
I 3366	..do..	Remington Typewriter Co.	Repairs	1 75
I 3367	..do..	Chicago Cork Works Co.	Laboratory supplies	16 28
I 3368	..do..	Wilfrid M. Vovnich	Museum specimens	741 50
I 3369	..do..	Elson Art Publishing Co.	..do.	16 62
I 3370	..do..	Henry E. Tufts	Labeling	4 25
I 3371	..do..	Bosch Magneto Co.	General supplies	56 40
I 3372	..do..	Globe-Wernicke Co.	Office equipment	31 03
I 3373	..do..	National Carbon Co.	Carbons	8 25
I 3374	..do..	Weston Electric Instrument Co.	Ammeter repairs	3 00
I 3375	..do..	Century Electric Tric Co.	Pulley	1 14
I 3376	..do..	Mallory-Mitchell & Faust	Advertising	14 49
I 3377	..do..	Alumni Association of the University	..do.	3 25
I 3378	..do..	A. Kroch & Co.	Books	7 15
I 3379	..do..	John M. Clark	Services	2 00
I 3380	..do..	J. E. Cross	..do.	1 00
I 3381	..do..	M. M. Cook	..do.	1 50
I 3382	..do..	Jos. Walsh	Labor	7 00
I 3383	..do..	The Globe-Wernicke Co., Chicago	V. L. unit	35 20
I 3384	..do..	F. G. Hartwell Co.	Coal	65 94
I 3385	..do..	The Western Electric Co.	Electrical supplies	22 57
I 3386	..do..	American Radiator Co.	Radiator	7 31
I 3387	..do..	Hibbard Spencer Bartlett & Co.	Pans	7 20
I 3388	..do..	Swift & Co.	Beef hearts	3 60
I 3389	..do..	Ella R. Michaels	Laboratory supplies	35 00
I 3390	..do..	Chicago Medical Book Co.	Dental coat	1 25
I 3391	..do..	Louden & Flaningam	Printing	8 50
I 3392	..do..	Flanigan-Pearson & Co.	..do.	2 25
I 3393	..do..	Bradner Smith & Co.	..do.	42 88
I 3394	..do..	P. S. Campbell	..do.	39 00
I 3395	..do..	University Press	..do.	18 60
I 3396	Nov. 11	Bradner Smith & Co.	..do.	133 22
I 3397	..do..	P. S. Campbell	..do.	3 50
I 3398	..do..	Flanigan-Pearson Co.	..do.	41 03
I 3399	..do..	W. B. Castenholz, Comptroller	Material furnished from University storeroom	157 45
I 3400	..do..	W. B. Castenholz, Comptroller	..do.	64 40
I 3401	..do..	Mark Small	Wages, October, 1915	65 00
I 3402	..do..	General Chemical Co.	Laboratory supplies	110 62
I 3403	..do..	Elmer & Amend	Laboratory apparatus	206 41
I 3404	..do..	Woldenberg & Schaar	Laboratory supplies	122 74
I 3405	..do..	Taylor Hardware Co.	Machine repairs	6 40
I 3406	..do..	C. A. Klier	Furniture repairs	57 69
I 3407	..do..	Louis F. Noffs	Laboratory supplies	175 79
I 3408	..do..	Blanke Mfg. & Supply Co.	General supplies	10 10
I 3409	..do..	F. K. Robeson	..do.	8 49
I 3410	..do..	The Creamery Package Mfg. Co.	Laboratory supplies	11 70
I 3411	..do..	E. A. Eichhorst	General supplies	10 70
I 3412	..do..	Champaign Steam Laundry	Laundry	36 34
I 3413	..do..	R. C. Wagner & Son	Coal and labor	19 84
I 3414	..do..	C. W. Johnson	General supplies	4 00
I 3415	..do..	Gyldendalske Boghandel, Nordisk Forlag	Sortiment	32 80
I 3416	..do..	The Oliver Typewriter Co.	Typewriter	67 09
I 3417	..do..	The Burr Co.	General supplies	89 23
I 3418	..do..	F. M. Leslie	..do.	25 50
I 3419	..do..	D. H. Lloyd	..do.	4 32
I 3420	..do..	C. H. Stoelting	..do.	6 40
I 3421	..do..	Woodbury Label Co.	Labels	2 45
I 3422	..do..	The Beck Duplicator Co.	Office supplies	3 25
I 3423	..do..	The Inner Braced Furniture Co.	Chairs	6 75
I 3424	..do..	The Alexander Lumber Co.	General supplies	41 45
I 3425	..do..	Metzler & Schafer Co.	Food supplies	171 75
I 3426	..do..	F. C. Hubbard	..do.	5 95
I 3427	..do..	J. F. Webster & Co.	..do.	44 70
I 3428	..do..	Farrar & Quinlan	..do.	126 32
I 3429	..do..	T. H. Craig	Stop watch	6 50
I 3430	..do..	Fuller-Morrison & Co.	General supplies	4 38
I 3431	..do..	Superior Oxygen Co. of Missouri	Laboratory supplies	2 55
I 3432	..do..	Hunter, Rourke & Co.	Cypress	32 00

## INSTRUCTION VOUCHERS—Continued

No.	Date.	To whom.	For what.	Amount.
	1915			
I 3433	Nov. 11	Morse Twist Drill & Machine Co.	Laboratory supplies.	\$ 16 90
I 3434	do.	Armstrong Bros. Tool Co.	Tools.	22 47
I 3435	do.	Bacon Bros.	General supplies.	2 25
I 3436	do.	Ahrens & Schreiner.	do.	21 50
I 3437	do.	Peck & Hills Furniture Co.	Desks and chairs.	163 90
I 3438	do.	Barron Bros Coal Co.	Animal feed.	5 44
I 3439	do.	Western Lumber Co.	Lumber.	15 05
I 3440	do.	Pittsburgh Plate Glass Co.	Glass.	17 50
I 3441	do.	Western Type Foundry.	Type and printing.	4 18
I 3442	do.	Kasen's Express & Van Co.	Freight and express.	6 75
I 3443	do.	Peoples Gas Light & Coke Co.	Gas.	20 96
I 3444	do.	Cosmo Electric Construction Co.	Wiring.	85 00
I 3445	do.	Hamblin Plumbing Co.	Plumbing.	106 55
I 3446	do.	Illinois Malleable Iron Co.	General supplies.	6 91
I 3447	do.	V. Mueller & Co.	do.	44 42
I 3448	do.	Maas Brothers.	do.	17 65
I 3449	do.	W. H. Salisbury & Co.	do.	6 26
I 3450	do.	A. C. McClurg & Co.	Office supplies.	13 43
I 3451	do.	Arthur Ochs.	Laboratory supplies.	67 00
I 3452	do.	Physicians' Supply & Drug Co.	do.	10 44
I 3453	do.	Fuller-Morrisson Co.	Laboratory supplies.	298 12
I 3454	do.	Neostyle Co.	Office supplies.	13 70
I 3455	do.	Electric Appliance Co.	Laboratory apparatus.	62 73
I 3456	do.	C. H. Besly & Co.	Laboratory supplies.	24 98
I 3457	do.	E. H. Sargent & Co.	do.	179 96
I 3458	do.	Wood Products Co.	do.	11 00
I 3459	do.	International Instrument Co.	do.	17 00
I 3460	do.	Cunningham Bros.	do.	2 50
I 3461	do.	Richard O. Cromwell.	General supplies.	3 75
I 3462	do.	Bausch & Lomb Optical Co.	Hygrometers.	5 63
I 3463	do.	Henry A. Dreer.	General supplies.	15 35
I 3464	do.	Spencer Lens Co.	Laboratory supplies.	26 17
I 3465	do.	The Arthur H. Thomas Co.	do.	13 56
I 3466	do.	Reliable Plumbing & Heating Co.	General supplies.	24 69
I 3467	do.	A. C. McClurg & Co.	Office supplies.	9 00
I 3468	Nov. 12	Eastman Salt Products Co.	Cal chloride.	13 81
I 3469	do.	Champaign Steam Laundry.	Laundry.	95 64
I 3470	do.	Woldenberg & Schaar.	Laboratory supplies.	55 93
I 3471	do.	Elmer Musgrove.	Field work.	168 91
I 3472	do.	F. W. Garrett.	Traveling expenses.	16 28
I 3473	do.	Bertram Abney.	do.	7 21
I 3474	do.	Pilon & Rodgers.	Sundries.	12 05
I 3475	do.	Earl Garver.	Traveling expenses.	7 30
I 3476	do.	Frick Co.	do.	5 24
I 3477	do.	R. C. Wagner & Son.	Coal.	24 96
I 3478	do.	H. A. Ruche.	Traveling expenses.	8 29
I 3479	do.	F. W. Wascher.	do.	31 23
I 3480	do.	H. C. Wheeler.	do.	41 01
I 3481	do.	Peck & Hills Furniture Co.	Chairs.	18 62
I 3482	do.	Wilson Bros.	Traveling expenses.	28 00
I 3483	do.	Neoga Telephone Co.	Telephone.	4 92
I 3484	do.	J. L. Steger.	Twine.	1 16
I 3485	do.	D. M. Crockett.	Batteries.	4 60
I 3486	do.	H. A. Aldrich & Co.	Lime.	10 81
I 3487	do.	The Cincinnati Time Recorder Co.	Card recorder.	103 79
I 3488	do.	Wm. Fleischman.	Food supplies.	2 00
I 3489	do.	H. I. Carpenter.	Piano tuning.	4 50
I 3490	do.	Bacon Bros.	General supplies.	3 70
I 3491	do.	Vaughan's Seed Store.	Nursery stock.	5 35
I 3492	do.	Society of Beaux-Arts Arch. (Wendell P. Blagden, Chairman of Committee on Education)	Incidentals.	20 00
I 3493	do.	M. E. Thompson, Cashier.	Bills paid.	37 20
I 3494	Nov. 13	M. E. Thompson, Cashier.	do.	324 35
I 3495	do.	M. E. Thompson, Cashier.	do.	189 91
I 3496	do.	J. E. Whitchurch.	Traveling expenses.	44 05
I 3497	do.	Leon D. Tilton.	do.	4 30
I 3498	do.	Ralph R. Root.	do.	7 34
I 3499	do.	C. C. Logan.	do.	22 96
I 3500	do.	F. A. Fisher.	do.	2 37
I 3501	do.	H. J. Snider.	do.	91 96
I 3502	do.	Robt. Baird.	Field work.	8 40
I 3503	do.	Mrs. L. V. Walcott.	Addresses.	10 00
I 3504	do.	E. E. Hoskins.	Field work.	10 00
I 3505	do.	Miss Naomi Newburn.	Addresses.	15 00
I 3506	do.	W. B. Castenholz, Comptroller.	Material furnished from University storeroom.	106 50
I 3507	do.	G. R. Grubb & Co.	Half tones.	6 90

## INSTRUCTION VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1915			
I 3508	Nov. 13	Taylor Hardware Co. ....	General supplies .....	\$ 14 99
I 3509	..do..	The Burr Co. ....	..do. ....	1 20
I 3510	..do..	B. F. Stevenson & Son .....	Laboratory supplies .....	1 40
I 3511	..do..	E. H. Sargent & Co. ....	..do. ....	2 69
I 3512	..do..	Franklin Desk Factory .....	Desk .....	22 50
I 3513	..do..	A. C. McCullough .....	Straw .....	137 28
I 3514	..do..	Champaign Steam Laundry .....	Laundry .....	3 22
I 3515	..do..	Cunningham Brothers .....	Photo supplies .....	4 10
I 3516	..do..	John H. Doyle .....	Copper wire .....	1 65
I 3517	..do..	Osgood Co. ....	Drawings .....	61 18
I 3518	..do..	D. H. Lloyd .....	General supplies .....	5 90
I 3519	..do..	F. M. Leslie .....	Side panels .....	14 50
I 3520	..do..	L. S. Head .....	Musium specimens .....	19 25
I 3521	..do..	W. D. Messinger & Co. ....	General supplies .....	44 00
I 3522	..do..	Harvard Apparatus Co. ....	Laboratory supplies .....	95 00
I 3523	..do..	Watson Faulkner .....	..do. ....	1 00
I 3524	..do..	Southern Illinois Penitentiary .....	General supplies .....	53 48
I 3525	..do..	Standard Oil Co. ....	Crude oil .....	17 50
I 3526	..do..	The Tablet & Ticket Co. ....	Office supplies .....	14 00
I 3527	..do..	Champaign Seed Co. ....	Feeding stuffs .....	21 10
I 3528	..do..	F. K. Robeson .....	Canvas .....	3 60
I 3529	..do..	Burke & James .....	Plate holder .....	8 59
I 3530	..do..	Stover Mfg. Co. ....	Center burrs .....	9 45
I 3531	..do..	Conner & Quayle .....	Machinery .....	2 40
I 3532	..do..	Eisner Grocery Co. ....	Stone jars .....	11 50
I 3533	..do..	C. L. Gregory .....	Services .....	1 50
I 3534	Nov. 15	Twin City Printing Co. ....	Printing .....	2 00
I 3535	..do..	Pay roll .....	November, 1915 .....	80,352 40
		Davenport, Eugene .....	Salary .....	\$500 00
		Checkley, J. H. ....	..do. ....	116 66
		Hieronymus, R. E. ....	..do. ....	125 00
		Jamison, A. W. ....	..do. ....	208 33
		Nolan, A. W. ....	..do. ....	200 00
		Rankin, F. H. ....	..do. ....	291 66
		Greene, F. J. ....	..do. ....	50 00
		Allyn, Ora .....	..do. ....	116 66
		Aumer, J. P. ....	..do. ....	150 00
		Bauer, F. C. ....	..do. ....	175 00
		Brunson, A. M. ....	..do. ....	100 00
		Clevenger, C. B. ....	..do. ....	100 00
		Dickenson, R. W. ....	..do. ....	116 66
		Dickerson, I. W. ....	..do. ....	150 00
		Ebersol, E. T. ....	..do. ....	100 00
		Eckblaw, K. J. T. ....	..do. ....	150 00
		Ellis, O. ....	..do. ....	100 00
		Fahrnkopf, H. F. T. ....	..do. ....	100 00
		Fisher, F. A. ....	..do. ....	133 33
		Garrett, F. W. ....	..do. ....	133 33
		Gentle, C. E. ....	..do. ....	100 00
		Gernert, W. B. ....	..do. ....	175 00
		Gilkerson, H. C. ....	..do. ....	100 00
		Gustafson, A. F. ....	..do. ....	200 00
		Holt, S. V. ....	..do. ....	166 66
		Hopkins, C. G. ....	..do. ....	458 33
		Jahr, M. E. ....	..do. ....	133 33
		Leighly, W. R. ....	..do. ....	133 33
		Hoskins, E. E. ....	..do. ....	166 66
		Mosier, J. G. ....	..do. ....	333 33
		Newell, C. R. ....	..do. ....	116 66
		Sachs, W. H. ....	..do. ....	150 00
		Schoonover, W. R. ....	..do. ....	100 00
		Smith, L. H. ....	..do. ....	291 66
		Snider, H. J. ....	..do. ....	100 00
		Torgenson, E. F. ....	..do. ....	83 33
		Van Alstine, E. ....	..do. ....	208 33
		Walworth, E. H. ....	..do. ....	100 00
		Wascher, F. M. W. ....	..do. ....	133 33
		de Werf, H. A. ....	..do. ....	83 33
		Wheeler, H. C. ....	..do. ....	166 66
		Whiting, A. L. ....	..do. ....	175 00
		Reed, C. O. ....	..do. ....	133 33
		Morison, A. T. ....	..do. ....	70 00
		Richey, F. C. ....	..do. ....	70 00
		Stewart, Robt. ....	..do. ....	250 00
		Burlison, W. S. ....	..do. ....	233 33
		Wyatt, F. A. ....	..do. ....	100 00
		Andrews, J. B. ....	..do. ....	116 66
		Barton, D. O. ....	..do. ....	200 00

## INSTRUCTION VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
I 3535 Ctd.	1915 Nov. 15	Bull, Sleeter.....	Salary.....	\$150 00
		Edmunds, J. L.....	do.....	233 33
		Harper, Claude.....	do.....	83 33
		Keith, Mary H.....	do.....	108 33
		Mitchell, H. H.....	do.....	150 00
		Mumford, H. W.....	do.....	416 66
		Rusk, H. P.....	do.....	233 33
		Smith, W. H.....	do.....	166 66
		Whisenand, J. W.....	do.....	100 00
		Wilcox, R. H.....	do.....	100 00
		Coffey, W. C.....	do.....	291 66
		Snapp, R. C.....	do.....	141 66
		Augustus, E. K.....	do.....	83 33
		Slater, M. E.....	do.....	83 33
		Zelsenheim, J. R.....	do.....	41 66
		Thorne, L. E.....	do.....	50 00
		Kammblade, W. G.....	do.....	41 66
		Handschin, W. F.....	do.....	62 50
		Gusler, Gilbert.....	do.....	180 00
		Morker, W. A.....	do.....	25 00
		Rice, J. B.....	do.....	75 00
		Allen, P. W.....	do.....	83 33
		Fraser, W. J.....	do.....	145 83
		Harding, H. A.....	do.....	416 66
		Hulce, R. S.....	do.....	150 00
		Lang, L. R.....	do.....	200 00
		Ruehe, H. A.....	do.....	150 00
		Hepburn, N. W.....	do.....	208 33
		Turner, Frank.....	do.....	83 33
		True, L. J.....	do.....	83 33
		Chambers, W. H.....	do.....	37 50
		Kohmann, E. F.....	do.....	166 66
		Gosser, Harold.....	do.....	75 00
		Allison, I. D.....	do.....	150 00
		Brown, H. D.....	do.....	83 33
		Blair, J. C.....	do.....	416 66
		Bole, S. J.....	do.....	150 00
		Colby, A. S.....	do.....	83 33
		Dorner, N. B.....	do.....	250 00
		Durst, C. K.....	do.....	175 00
		Evans, F. N.....	do.....	150 00
		Engels, D. T.....	do.....	60 00
		Gardner, J. J.....	do.....	166 66
		Hecht, August.....	do.....	83 33
		Hutchinson, J. I.....	do.....	116 66
		Lloyd, J. W.....	do.....	145 83
		Miller, Wilhelm.....	do.....	250 00
		Muncie, F. W.....	do.....	125 00
		Peltier, G. L.....	do.....	133 33
		Robinson, C. M.....	do.....	150 00
		Root, R. R.....	do.....	233 33
		Ruth, W. A.....	do.....	83 33
		Smith, F. A. C.....	do.....	150 00
		Watkins, O. S.....	do.....	200 00
		Tilton, L. D.....	do.....	83 33
		Lauterbach, E. G.....	do.....	33 33
		Brock, W. S.....	do.....	83 33
		Palmer, W. K.....	do.....	83 33
		Venning, F. L.....	do.....	120 00
		Bevier, Isabel.....	do.....	291 66
		Fleming, Georgia.....	do.....	100 00
		Gray, Cora E.....	do.....	125 00
		Harrison, Florence.....	do.....	125 00
		Parsons, Maud.....	do.....	141 66
		Seymour, Lurene.....	do.....	116 66
		Stanton, Margaret.....	do.....	116 66
		Stevens, Grace.....	do.....	116 66
		Wheeler, Ruth.....	do.....	166 66
		Williams, Anna.....	do.....	100 00
		Hope, Leona.....	do.....	125 00
		Gray, Gretta.....	do.....	108 33
		Bunch, Mamie.....	do.....	83 33
		Percival, Olive.....	do.....	50 00
		Goss, W. F. M.....	do.....	500 00
		Ash, Percy.....	do.....	208 33
		Clark, C. R.....	do.....	183 33
		Provine, L. H.....	do.....	291 66
		Ricker, N. C.....	do.....	291 66

## INSTRUCTION VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
I 3535 Ctd.	1915 Nov. 15	Titcomb, W. C.	Salary	\$175 00
		Wells, N. S.	do	208 33
		Fahrenkamp, Winifred	do	83 33
		Jones, T. R.	do	150 00
		Hekking, W. M.	do	150 00
		Kellogg, J. M.	do	150 00
		Fanning, R. S.	do	120 00
		Wolfe, W. S.	do	120 00
		Burger, C. V.	do	120 00
		Muehlman, R. E.	do	140 00
		Dillenback, L. C.	do	100 00
		Stanton, W. M.	do	120 00
		Williams, A. E.	do	150 00
		Danielson, R. R.	do	100 00
		Hursh, R. K.	do	150 00
		Bleininger, A. V.	do	500 00
		Radeliffe, B. S.	do	150 00
		Baker, I. O.	do	333 33
		Bowling, B. L.	do	83 33
		Garver, N. B.	do	141 66
		McDaniel, A. B.	do	229 16
		Smith, J. E.	do	150 00
		Wiley, C. C.	do	141 66
		Wilson, W. M.	do	208 33
		Newell, F. H.	do	416 66
		Ellis, C. A.	do	250 00
		Pickles, G. W.	do	150 00
		Raynor, W. H.	do	140 00
		Davis, R. E.	do	140 00
		Biegler, F. S.	do	183 33
		Brooks, Morgan	do	250 00
		Fisk, I. W.	do	150 00
		James, L. V.	do	150 00
		Falne, E. B.	do	291 66
		Waldo, E. H.	do	166 66
		Moore, C. R.	do	141 66
		Knight, A. R.	do	141 66
		Davis, J. W.	do	140 00
		Miller, H. W.	do	200 00
		Porter, F. M.	do	133 33
		Steward, R. K.	do	166 66
		Jordon, H. H.	do	133 33
		Crane, Rufus	do	100 00
		Atwell, C. A.	do	100 00
		Murphy, R. E.	do	30 00
		Bangs, M. F.	do	80 00
		Benedict, B. W.	do	291 66
		Dent, J. A.	do	150 00
		Fisk, J. A.	do	91 66
		Goodenough, G. A.	do	291 66
		Harding, L. A.	do	291 66
		Leutwiler, O. A.	do	250 00
		Richards, C. R.	do	458 33
		Willard, A. C.	do	225 00
		Waterfall, H. W.	do	160 00
		Frank, Edwin	do	130 00
		Lanham, E. T.	do	120 00
		Kennedy, R. E.	do	150 00
		Radebaugh, G. H.	do	150 00
		Gross, G. A.	do	150 00
		Hogue, J. H.	do	120 00
		DeTurl, J. A.	do	130 00
		Duncan, J. M.	do	90 00
		Rebman, P. J.	do	90 00
		McDewell, H. S.	do	130 00
		Godeke, H. F.	do	140 00
		Holbrook, E. A.	do	229 16
		Stock, H. H.	do	416 66
		Callen, A. C.	do	150 00
		Enger, M. L.	do	208 33
		Fleming, V. R.	do	150 00
		Talbot, A. N.	do	416 66
		Seeley, F. B.	do	166 66
		Boomsliter, G. P.	do	150 00
		Ensign, N. E.	do	141 66
		Babbitt, H. E.	do	160 00
		Gardner, Harry	do	150 00
		Vallance, Alexander	do	150 00



## INSTRUCTION VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
I 3535 Ctd.	1915 Nov. 15	Putnam, W. J.	Salary.	\$130 00
		Noerenberg, C. E.	do.	170 00
		Carman, A. P.	do.	416 66
		Knipp, C. T.	do.	250 00
		Kunz, Jakob.	do.	229 16
		Schulz, W. F.	do.	183 33
		Williams, E. H.	do.	150 00
		Watson, F. R.	do.	250 00
		Hyslop, W. H. . . . .	do.	100 00
		Warner, E. H.	do.	105 00
		Nathanson, J. B.	do.	80 00
		Hill, C. F.	do.	75 00
		Frazek, C. S.	do.	50 00
		Randolph, O. A.	do.	110 00
		Bayley, P. L.	do.	50 00
		Karrer, Sebastian.	do.	80 00
		Buck, A. M.	do.	166 66
		Comstock, A. F.	do.	109 66
		Schmidt, E. C.	do.	379 00
		Snodgrass, J. M.	do.	208 33
		Decker, E. H.	do.	291 66
		Green, Frederick.	do.	212 50
		Harker, O. A.	do.	333 33
		Hale, W. G.	do.	333 33
		Pomeroy, J. N.	do.	274 66
		Vernier, C. G.	do.	295 33
		Carpenter, C. E.	do.	212 33
		Babcock, K. C.	do.	458 33
		Lake, E. J.	do.	258 33
		Wetmore, Mary M.	do.	150 00
		Bradbury, C. E.	do.	150 00
		Sorbes, G. E.	do.	150 00
		Seebins, Joel.	do.	291 66
		Welo, F. W.	do.	50 00
		Reed, F. W.	do.	140 00
		Hottes, C. F.	do.	250 00
		Stevens, W. L.	do.	232 33
		Release, Wm M.	do.	416 66
		Magno, Stella M.	do.	110 00
		McDougal, W. B.	do.	140 00
		Parr, Rosalie.	do.	80 00
		Dalbey, Vera E.	do.	80 00
		Quirk, B. E.	do.	50 00
		Pavls, F.	do.	50 00
		Pickett, W. E.	do.	60 00
		Clayberg, H. D.	do.	50 00
		Miles, J. E.	do.	50 00
		Readi, W. S.	do.	50 00
		Wagoner, H. D.	do.	60 00
		Young, Esther.	do.	50 00
		Kempod, F. E.	do.	60 00
		Sperry, F. E.	do.	170 00
		Thayer, F. W.	do.	120 00
		Ganser, C. R.	do.	30 00
		Robeson, W. K.	do.	60 00
		Balfour, C. W.	do.	270 83
		Derrick, C. G.	do.	191 66
		Noyes, W. A.	do.	458 33
		Parry, G. W.	do.	166 66
		Smith, G. M.	do.	166 66
		Washburn, E. W.	do.	291 66
		Weber, H. C. P.	do.	166 66
		Rea, O. D.	do.	133 33
		Hopkins, B. S.	do.	133 33
		MacInnes, D. A.	do.	133 33
		McFarland, D. F.	do.	200 00
		Lewis, H. E.	do.	183 33
		Broderson, H. J.	do.	140 00
		Hecker, C. H.	do.	120 00
		Cann, Jessie.	do.	120 00
		Olin, H. I.	do.	120 00
		Sears, G. W.	do.	120 00
		Kamin, Oliver.	do.	120 00
		Anders, Paul.	do.	130 00
		Kreners, H. C.	do.	60 00
		Rees, E. A.	do.	60 00
		Charlton, F. E.	do.	60 00
		Hess, R. W.	do.	60 00

## INSTRUCTION VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
I 3535	1915 Nov. 15 Ctd.	Rowland, Floyd.....	Salary.....	\$ 50 00
		Gilmore, R. E.....	do.....	60 00
		Braley, S. A.....	do.....	60 00
		Skinner, G. S.....	do.....	50 00
		Vollweiler, E. H.....	do.....	50 00
		Van Winkle, W. A.....	do.....	50 00
		Ford, J. T.....	do.....	50 00
		Footitt, F. W.....	do.....	50 00
		Braham, J. M.....	do.....	50 00
		Owens, A. W.....	do.....	50 00
		Westhafer, T. O.....	do.....	50 00
		Bissell, D. W.....	do.....	50 00
		Davidson, C. N.....	do.....	50 00
		Karr, W. G.....	do.....	50 00
		Shepard, A. D.....	do.....	35 00
		Portz, H. G.....	do.....	35 00
		Lee, H. R.....	do.....	35 00
		Reed, J. K.....	do.....	30 00
		Okey, Ruth E.....	do.....	30 00
		Winkelmann, H. A.....	do.....	30 00
		Reyerson, L. A.....	do.....	30 00
		Beatlie, H. J.....	do.....	30 00
		Buell, Mary V.....	do.....	30 00
		Yutema, L. F.....	do.....	30 00
		Bruce, W. R.....	do.....	30 00
		Jordon, Louis.....	do.....	30 00
		Hufford, R. W.....	do.....	30 00
		Potterf, L. O.....	do.....	30 00
		Perry, Margaret.....	do.....	30 00
		Updegraff, Helen.....	do.....	30 00
		Powell, A. B.....	do.....	30 00
		Cook, W. O.....	do.....	10 00
		Morgan, R. W.....	do.....	10 00
		Wrisley, G. A.....	do.....	10 00
		Landstrom, A. M.....	do.....	10 00
		Holton, J. T.....	do.....	10 00
		Hahn, F. C.....	do.....	10 00
		Johnson, L. C.....	do.....	90 00
		Brown, J. B.....	do.....	30 00
		Weiland, H. J.....	do.....	60 00
		Wells, L. S.....	do.....	30 00
		van Rossen, Garard.....	do.....	120 00
		Oleweine, J. H.....	do.....	30 00
		Millar, R. W.....	do.....	10 00
		Hicks, J. F. G.....	do.....	50 00
		Zelle, Carl.....	do.....	10 00
		Adler, L.....	do.....	10 00
		Tippett, R. W.....	do.....	50 00
		French, H. E.....	do.....	10 00
		Taylor, S. C.....	do.....	80 00
		Barton, H. J.....	do.....	291 66
		Canter, H. V.....	do.....	225 00
		Moss, C. M.....	do.....	250 00
		Oldfather, W. A.....	do.....	250 00
		Pease, A. S.....	do.....	250 00
		Robinson, R. P.....	do.....	30 00
		Bagley, W. C.....	do.....	458 33
		Johnston, C. H.....	do.....	312 50
		Miller, W. S.....	do.....	166 66
		Whipple, G. M.....	do.....	270 83
		Brown, J. C.....	do.....	291 66
		Breninger, Harriet J.....	do.....	50 00
		Cobb, Margaret.....	do.....	50 00
		Baldwin, E. C.....	do.....	175 00
		Clark, T. A.....	do.....	41 66
		Dodge, D. K.....	do.....	270 83
		Fulton, Edw.....	do.....	175 00
		Jones, H. S. V.....	do.....	183 33
		Paul, H. G.....	do.....	208 33
		Scott, F. W.....	do.....	208 33
		Sherman, S. P.....	do.....	458 33
		Woolbert, C. H.....	do.....	166 66
		Zeitlin, Jacob.....	do.....	158 33
		Creek, H. L.....	do.....	125 00
		Boyer, C. V.....	do.....	141 66
		Schoepperle, Gertrude.....	do.....	116 66
		Kyle, Martha J.....	do.....	25 00
		Alden, E. S.....	do.....	120 00

## INSTRUCTION VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
I 3535 Ctd.	1915 Nov. 15	Rinaker, Clarissa.....	Salary.....	\$130 00
		Harris, L. H.....	do.....	120 00
		Tieje, R. E.....	do.....	120 00
		Jones, E. S.....	do.....	130 00
		Schultz, W. E.....	do.....	120 00
		Downes, C. S.....	do.....	120 00
		Gregory, Allehe.....	do.....	120 00
		Hustvedt, S. B.....	do.....	120 00
		Loomis, R. S.....	do.....	120 00
		Harbarger, Sada A.....	do.....	100 00
		Kelso, Ruth.....	do.....	100 00
		Stanley, T. B.....	do.....	100 00
		Sarett, L. R.....	do.....	120 00
		Dixon, R. E.....	do.....	120 00
		Beck, C. B.....	do.....	50 00
		Cruzan, Myrtle.....	do.....	50 00
		Hillebrand, H. M.....	do.....	150 00
		Thurber, C. N.....	do.....	60 00
		Whitford, R. C.....	do.....	110 00
		Sutcliffe, E. G.....	do.....	110 00
		Harrington, H. F.....	do.....	166 66
		Phelps, J. M.....	do.....	100 00
		Weirick, R. B.....	do.....	120 00
		Copley, Beatrice.....	do.....	50 00
		Cur, M. J.....	do.....	140 00
		Folsom, J. W.....	do.....	208 33
		Forbes, S. A.....	do.....	83 33
		MacGillivray, A. D.....	do.....	250 00
		Mosher, Edna.....	do.....	100 00
		Hamilton, C. C.....	do.....	30 00
		Glasgow, R. D.....	do.....	140 00
		Bayley, W. S.....	do.....	250 00
		Rolle, C. W.....	do.....	250 00
		Savage, T. E.....	do.....	225 00
		Rich, J. L.....	do.....	170 00
		Ross, C. S.....	do.....	60 00
		DuBois, H. M.....	do.....	60 00
		Read, M. K.....	do.....	50 00
		Van Tuyl, P. M.....	do.....	120 00
		Kennedy, L. E.....	do.....	40 00
		Brooks, N. C.....	do.....	208 33
		Flom, G. T.....	do.....	233 33
		Goebel, Julius.....	do.....	312 50
		Lessing, O. E.....	do.....	291 66
		Bloomfield, Leonard.....	do.....	166 66
		Gillet, J. E.....	do.....	133 33
		Blaisdell, Daisy.....	do.....	110 00
		Williams, C. A.....	do.....	150 00
		Koller, A. H.....	do.....	150 00
		Puckett, H. W.....	do.....	150 00
		Nordmeyer, H. W.....	do.....	130 00
		Kline, E. K.....	do.....	120 00
		Greene, Alexander.....	do.....	150 00
		Alvord, C. W.....	do.....	145 83
		Greene, E. B.....	do.....	416 66
		Larson, L. M.....	do.....	266 66
		Lybyer, A. H.....	do.....	233 33
		Robertson, W. S.....	do.....	208 33
		Jones, P. V. B.....	do.....	150 00
		Pease, T. C.....	do.....	125 00
		Cole, A. C.....	do.....	150 00
		Brush, Elizabeth.....	do.....	100 00
		Ganger, Joe.....	do.....	40 00
		Miller, J. E.....	do.....	60 00
		Borger, R. L.....	do.....	125 00
		Crathorne, A. R.....	do.....	166 66
		Emch, Arnold.....	do.....	187 50
		Lytile, E. B.....	do.....	150 00
		Miller, G. A.....	do.....	291 66
		Rietz, H. L.....	do.....	158 33
		Shaw, J. B.....	do.....	250 00
		Sisam, C. H.....	do.....	183 33
		Townsend, E. J.....	do.....	333 33
		Wahlin, G. E.....	do.....	125 00
		Carmichael, R. D.....	do.....	208 33
		Kempner, A. J.....	do.....	133 33
		Denton, W. W.....	do.....	140 00
		Chittenden, E. W.....	do.....	140 00

## INSTRUCTION VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
I 3535	1915 Nov. 15	Wilson, L. T.	Salary	\$120 00
Ctd.		Smith, G. W.	do	60 00
		Wilson, W. H.	do	60 00
		Borden, Raymond	do	60 00
		Frary, H. D.	do	60 00
		Beckley, J. S.	do	30 00
		Marshall, R. H.	do	60 00
		Roth, Wm. E.	do	60 00
		Green, C. F.	do	30 00
		Bode, B. H.	do	291 66
		Daniels, A. H.	do	333 33
		Shepherd, Queen	do	130 00
		Haessler, Carl	do	100 00
		Burge, W. E.	do	216 66
		Beard, J. H.	do	116 66
		Neill, Alma J.	do	60 00
		Garner, J. W.	do	333 33
		Mathews, J. M.	do	191 66
		Fairlie, J. A.	do	291 66
		Storey, R. M.	do	180 00
		Cushman, R. E.	do	120 00
		Bentley, Madison	do	270 83
		Ruckmich, C. A.	do	150 00
		Rahn, Carl	do	150 00
		Rogers, Sophie	do	35 00
		Wichman, Gerald	do	50 00
		McKenzie, Kenneth	do	333 33
		Carnahan, J. D.	do	225 00
		Fitz Gerald, J. D. II.	do	250 00
		Oliver, T. E.	do	250 00
		Seymour, A. R.	do	166 66
		Blondheim, D. S.	do	166 66
		Carry, C. S.	do	120 00
		Allen, Louis	do	100 00
		Kessler, James	do	100 00
		Soto, Rafael	do	100 00
		Dawson, E. R.	do	100 00
		Stone, H. K.	do	100 00
		Moore, O. H.	do	141 66
		Shulters, J. R.	do	80 00
		Watson, Jane C.	do	30 00
		Laguardia, C. J. B.	do	100 00
		Hayes, E. C.	do	275 00
		Stevens, J. G.	do	150 00
		Watkins, Gordon	do	50 00
		Kingsley, J. S.	do	291 66
		Smith, Frank	do	250 00
		Ward, H. B.	do	416 66
		Zeleny, Chas.	do	250 00
		Shelford, V. E.	do	166 66
		Van Cleave, H. J.	do	140 00
		May, H. G.	do	60 00
		Greene, Bessie	do	60 00
		Conel, Jessie	do	60 00
		Powers, E. B.	do	60 00
		Magath, T. B.	do	35 00
		Higgins, G. M.	do	35 00
		Baumgartner, Rachel	do	35 00
		Heimberger, H. V.	do	60 00
		Kingman, R. H.	do	35 00
		Baldwin, Frances M.	do	100 00
		Kindred, J. E.	do	30 00
		Paul, Katherine H.	do	120 00
		Schmidt, Robt.	do	75 00
		Bogart, E. L.	do	291 66
		Dewsnup, E. R.	do	250 00
		Litman, Simon	do	208 33
		Robinson, M. H.	do	250 00
		Weston, N. A.	do	270 83
		Hieronymus, R. E.	do	125 00
		Heilman, R. E.	do	216 66
		Thompson, C. M.	do	208 33
		Thompson, J. G.	do	200 00
		Chase, W. A.	do	240 00
		McJohnston, H.	do	200 00
		Dreesen, W. H.	do	60 00
		Stewart, C. L.	do	180 00
		Young, L. E.	do	250 00

## INSTRUCTION VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
I 3535	1915 Nov. 15	McMillen, G. B.	Salary	\$ 50 00
I Cld.		Littleton, A. C.	do.	150 00
		Scoville, H. T.	do.	220 00
		McKenna, E. L.	do.	60 00
		Nickoley, K. F.	do.	66 66
		Bond, Ethel.	do.	100 00
		Curtis, Florence.	do.	141 66
		Reece, E. J.	do.	150 00
		Simpson, Frances.	do.	183 33
		Hill, Fanny W.	do.	75 00
		Schwartz, G. F.	do.	183 33
		Smith, Mrs. Constance Barlow.	do.	166 66
		Erb, J. L.	do.	250 00
		Van den Berg, H. J.	do.	180 00
		Nasmyth, H. D.	do.	170 00
		Morphy, E. W.	do.	170 00
		Treat, Edna.	do.	100 00
		Harding, A. A.	do.	83 33
		Wright, Mabelle.	do.	100 00
		Johnson, F. T.	do.	110 00
		Davis, Bertha.	do.	100 00
		Day, W. B.	do.	208 33
		Snow, C. M.	do.	150 00
		Gathercoal, E. N.	do.	108 33
		Eicher, B. L.	do.	83 33
		Colson, H. W.	do.	83 33
		Fantus, Bernard.	do.	16 66
		Clark, A. H.	do.	150 00
I 3536	Nov. 16	William Lewis & Son.	Violin strings.	\$ 23 51
I 3537	do.	John H. Doyle.	Dolly rollers.	1 20
I 3538	do.	Eastman Kodak Co.	Chemicals.	22 00
I 3539	do.	Jones & Laughlin Steel Co.	Laboratory apparatus.	2 11
I 3540	do.	Montgomery, Ward & Co.	do.	28 80
I 3541	do.	L. E. Dallenbach.	Eggs.	9 38
I 3542	do.	C. A. Kiler.	Shades.	46 50
I 3543	do.	Chas. G. Willoughby.	Laboratory apparatus.	24 25
I 3544	do.	Eimer & Amend.	Electric lamps.	2 36
I 3545	do.	Fuller-Morrisson & Co.	Laboratory apparatus.	124 13
I 3546	do.	F. K. Robeson.	Flannel.	1 00
I 3547	do.	The Leeds & Northrup Co.	Lamps.	1 13
I 3548	do.	E. H. Sargent & Co.	Laboratory apparatus.	15 60
I 3549	do.	Geo. L. Peltier.	Traveling expenses.	6 69
I 3550	do.	Fred H. Rankin.	do.	72 64
I 3551	do.	James H. Greene.	do.	20 50
I 3552	do.	University Club.	do.	2 00
I 3553	do.	W. E. Holben.	Seed corn.	21 00
I 3554	do.	Chas. A. Campbell.	Traveling expenses.	39 90
I 3555	do.	G. E. Gentle.	do.	21 08
I 3556	do.	Harrison Fahrnkopf.	do.	5 60
I 3557	do.	R. R. Snapp.	do.	4 08
I 3558	do.	W. H. Smith.	do.	4 28
I 3559	do.	R. W. Wascher.	do.	32 08
I 3560	do.	R. W. Dickenson.	do.	23 49
I 3561	do.	Chas. A. Campbell.	do.	89 03
I 3562	do.	Louden & Flaningam.	Printing.	3 50
I 3563	do.	Twin City Printing Co.	do.	1 50
I 3564	do.	R. L. Zeitler.	Wages, November, 1915.	50 00
I 3565	Nov. 17	Physicians' Supply & Drug Co.	General supplies.	1 50
I 3566	do.	Fuller-Morrisson Co.	do.	1 35
I 3567	do.	Zan D. Klopper.	Charts.	18 00
I 3568	do.	Ernst Leitz.	Micro-lamps.	7 67
I 3569	do.	Bausch & Lomb Optical Co.	Laboratory apparatus.	4 95
I 3570	do.	Mrs. L. C. Brannum.	Laundry.	5 69
I 3571	do.	Calumet Laundry Co.	do.	6 15
I 3572	do.	Chicago Medical Book Co.	Books.	5 40
I 3573	do.	Davis & Kreger.	Numbering desks.	4 20
I 3574	do.	Western Educational Advertising Agency.	Advertising.	16 00
I 3575	do.	Chicago Towel Co.	Laundry.	42 74
I 3576	do.	A. C. McClurg & Co.	General supplies.	3 25
I 3577	do.	V. Mueller & Co.	do.	35 80
I 3578	do.	Maas Brothers.	do.	44 70
I 3579	do.	Pay roll.	November, 1915.	5,337 96
I 3580	do.	Pay roll.	do.	2,015 00
		Allen, Josephine.	Salary	\$ 55 00
		David, Eshoo.	do.	55 00
		Loomis, Metta.	do.	100 00
		Hoy, Anna.	do.	60 00
		Seaborg, Elin M.	do.	70 00

## INSTRUCTION VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
I 3580 Cld.	1915 Nov. 17	David, Simon	Salary	\$ 50 00
		George, Ella	do	50 00
		Kastanos, John	do	50 00
		Messer, Florence	do	40 00
		Hughes, Mary	do	50 00
		Hyatt, E. G.	do	40 00
		Arneson, Mabel	do	75 00
		Browne, W. H.	do	250 00
		Cole, J. W.	do	100 00
		Froberg, Eric	do	75 00
		Tomlinson, J. S.	do	125 00
		Heermann, Louise	do	60 00
		Watson, Ethel	do	50 00
		Fletcher, E. C.	do	125 00
		Broday, Esther	do	55 00
		Blackwell, John	do	60 00
		Braun, Wm	do	45 00
		Peterson, Miss F. W.	do	40 00
		Outland, L. C.	do	40 00
		David, Paul	do	60 00
		Gubbins, Maud	do	65 00
		Tomek, Gertrude	do	65 00
		Moorehead, Mary	do	40 00
		Bolax, Anna R.	do	65 00
I 3581	do	Jacobs & Holmes	Printing	\$197 00
I 3582	do	Bradner, Smith & Co.	General supplies	9 31
I 3583	do	H. C. Glikerson	Travelling expenses	17 48
I 3584	do	Merrell-Soule Co.	Laboratory supplies	3 20
I 3585	do	Twin City Ice & Cold Storage Co.	Ice	28 00
I 3586	do	Mrs. Susan R. Walcott	Services	30 00
I 3587	do	Ft. Wayne Electric Works	Electric motor	18 72
I 3588	do	H. C. Wheeler	Travelling expenses	40 34
I 3589	do	A. C. McCullough	White oats	181 18
I 3590	do	Abbott & Co.	General supplies	1 65
I 3591	do	Dayton Fruit Tree Label Co.	Pot labels	17 00
I 3592	do	Library Bureau	General supplies	2 50
I 3593	do	Spencer Lens Co.	Laboratory apparatus	22 20
I 3594	do	Newton & Hoyt Co.	Desk	25 47
I 3595	do	G. R. Grubb & Co.	Etchings	1 75
I 3596	do	Zenner Disinfectant Co.	Zenoleum	72 00
I 3597	do	Geo. B. Carpenter & Co.	General supplies	3 30
I 3598	do	Taylor Hardware Co.	do	10 12
I 3599	do	Pay roll	October, 1915	56 67
		Braun, William	Salary	\$ 5 00
		Fletcher, E. C.	do	25 00
		Loomis, Metta M.	do	16 67
		Seaberg, Elin N.	do	10 00
I 3600	Nov. 18	Chicago Paper Co.	Printing	89 52
I 3601		University Press	do	10 50
I 3602		H. S. Capron, Treasurer	Material from office supply store-room	204 60
I 3603	do	The Letter Shop	Printing	3 80
I 3604	do	Hamblin & Plumbing Co.	Plumbing	4 50
I 3605	do	Pittsburgh Plate Glass Co.	Glass	1 60
I 3606	do	Cleveland Press	Books	6 00
I 3607	do	A. Kroch & Co.	do	5 85
I 3608	do	Mallory, Mitchell & Faust	Advertising	35 40
I 3609	do	Chicago Towel Co.	Laundry	26 10
I 3610	do	The Western Electric Co.	Laboratory apparatus	1 53
I 3611	do	C. H. Besly & Co.	Mech. supplies	1 53
I 3612	do	Arthur Ochs	Rabbits	27 00
I 3613	do	Frank S. Betz Co.	General supplies	3 25
I 3614	do	R. H. Wilcox	Traveling expenses	10 84
I 3615	do	Ella R. Michaels	General supplies	30 00
I 3616	do	C. L. Frame Dental Supply Co.	Dental supplies	1 09
I 3617	do	R. D. Swisher Mfg. Co.	Office supplies	1 10
I 3618	do	John Becker	Guinea pigs	2 40
I 3619	do	Colonial Hospital Supply Co.	Plasters	10 20
I 3620	do	Commonwealth Edison Co.	Mazdas	123 77
I 3621	do	Illinois Electric Co.	Toaster stove	2 28
I 3622	do	Neostyle Co.	Imported paper	6 00
I 3623	do	Imperial Mfg. Co.	Sweeping compound	25 00
I 3624	do	Whitall Tatum Co.	General supplies	9 17
I 3625	do	Cosmo Electric Construction Co.	Wiring	35 00
I 3626	do	Hibbard Spencer Bartlett Co.	Engraving supplies	18 18
I 3627	do	Sam'l Bingham's Son Mfg. Co.	Type and printing	5 76
I 3628	do	Kasens Express & Van Co.	Express	17 32
I 3629	do	Western Fuel Co.	Coal	104 38

## INSTRUCTION VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1915			
I 3630	Nov. 18	Marshall Field & Co.	Shades	\$ 5 78
I 3631	.do.	Keasbey & Mattison Co.	Asbestos	2 49
I 3632	.do.	A. Daigger & Co.	Test tubes	14 06
I 3633	.do.	A. J. Small, Librarian	Books	11 00
I 3634	.do.	Richard O. Cromwell	Apples	4 00
I 3635	.do.	The Standard Calorimeter Co.	Thermometers	56 70
I 3636	.do.	H. K. Mulford Co.	Laboratory apparatus	5 54
I 3637	.do.	D. H. Lloyd	Books	2 80
I 3638	.do.	Eimer & Amend	Laboratory supplies	39 89
I 3639	.do.	The Marmon Buick Sales Co.	Casings	33 90
I 3640	.do.	Jno. D. Bangs & Co.	Glass jars	8 40
I 3641	.do.	Scott Paper Co.	Laboratory apparatus	25 00
I 3642	.do.	Metzler & Schaffer Co.	General supplies	104 41
I 3643	.do.	H. B. Dörner	Traveling expenses	20 94
I 3644	.do.	W. K. Palmer	.do.	7 39
I 3645	.do.	B. S. Pickett	Incidentals	146 53
I 3646	.do.	F. W. Muncie	Traveling expenses	31 55
I 3647	.do.	Leon D. Tilton	.do.	9 71
I 3648	.do.	C. C. Logan	.do.	20 35
I 3649	.do.	S. V. Holt	.do.	39 80
I 3650	.do.	A. L. Moats	Field work	53 34
I 3651	.do.	Pittsburgh Plate Glass Co.	Glass	2 49
I 3652	Nov. 19	A. C. McClurg & Co.	Books	235 20
I 3653	.do.	G. E. Stechert & Co.	.do.	679 13
I 3654	.do.	The Globe-Wernicke Co.	General supplies	31 05
I 3655	.do.	Chicago Medical Book Co.	Books	18 98
I 3656	.do.	E. H. Sargent & Co.	General supplies	20 12
I 3657	.do.	Armour & Co.	.do.	1 80
I 3658	.do.	Remington Typewriter Co.	.do.	27 25
I 3659	.do.	Huntley Dairy Co.	.do.	2 08
I 3660	.do.	Illinois Malleable Iron Co.	Boilers and radiators	16 50
I 3661	.do.	V. Mueller & Co.	General supplies	106 80
I 3662	.do.	Physicians' Supply & Drug Co.	Medical supplies	31 60
I 3663	.do.	Maas Brothers	General supplies	340 05
I 3664	.do.	Heath & Milligan Mfg. Co.	Paint	23 03
I 3665	.do.	G. E. Stechert & Co.	Books	3 85
I 3666	.do.	Chwens Book Binding Co.	.do.	18 05
I 3667	.do.	The Boston Book Co.	.do.	47 31
I 3668	.do.	J. M. Hanson-Bennett Magazine Agency	.do.	16 20
I 3669	.do.	American Ceramic Society	.do.	76 00
I 3670	.do.	The Arthur H. Clark Co.	.do.	2 19
I 3671	.do.	Burgersdijk & Niernmans	.do.	9 00
I 3672	.do.	The Willis Music Co.	.do.	41 82
I 3673	.do.	State University of Iowa	Bulletins	1 10
I 3674	.do.	R. E. Bowker Co.	Books	5 20
I 3675	.do.	C. Gerhardt & Co.	.do.	5 00
I 3676	.do.	William J. Gerhard	.do.	2 67
I 3677	.do.	American Pharmaceutical Association	.do.	2 00
I 3678	.do.	United States Infantry Association	Journal	1 00
I 3679	.do.	Noah Farnham Morrison	Report	1 94
I 3680	.do.	Musical Blue Book Corporation	Books	4 00
I 3681	.do.	N. H. State Library	.do.	9 00
I 3682	.do.	Ernst Hertzberg & Sons	.do.	35 63
I 3683	.do.	The University of Illinois Supply Store	.do.	1 13
I 3684	.do.	K. D. Horrall Hardware Co.	General supplies	1 85
I 3685	.do.	The Daily Illini	Subscription	2 50
I 3686	.do.	M. E. Thompson, Cashier	Bills paid	114 82
I 3687	.do.	M. E. Thompson, Cashier	.do.	281 17
I 3688	Nov. 22	Marie Freeman	Wages, November, 1915	50 00
I 3689	.do.	Florence Churton	.do.	40 00
I 3690	.do.	Elizabeth Collom	.do.	35 00
I 3691	.do.	Albert Bradford	.do.	60 00
I 3692	.do.	J. E. Morgan	.do.	10 00
I 3693	.do.	Lavina Dille	.do.	60 00
I 3694	.do.	Edwin J. Johns	.do.	45 00
I 3695	.do.	Peter Drennan	.do.	80 00
I 3696	.do.	Joseph Klena	.do.	60 00
I 3697	.do.	Harry Schultz	.do.	35 00
I 3698	.do.	Johann Becker	.do.	55 00
I 3699	.do.	William Kerechan	.do.	50 00
I 3700	.do.	Jacob Solomon	.do.	50 00
I 3701	.do.	Nicholas Michalovich	.do.	50 00
I 3702	.do.	Mrs. A. D. Horn	.do.	35 00
I 3703	.do.	Mrs. Louise Redman	.do.	60 00
I 3704	.do.	Mrs. May Kramer	.do.	50 00
I 3705	.do.	Mrs. Lizzie Shue	.do.	40 00
I 3706	.do.	A. C. McClurg & Co.	General supplies	7 05
I 3707	.do.	The Western Electric Co.	Electrical supplies	14 03

## INSTRUCTION VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1915			
I 3708	Nov. 22	Illinois Malleable Iron Co.	General supplies	\$ 3 08
I 3709	do.	Indian Refining Co.	Oil	6 98
I 3710	do.	Oldham Brothers	Laboratory supplies	2 50
I 3711	do.	S. E. Dillavou	General supplies	32 85
I 3712	do.	E. H. Sargent	Laboratory apparatus	10 64
I 3713	do.	Smith & Co.	Ice	80 00
I 3714	do.	Soft Water Laundry Co.	Laundry	2 29
I 3715	do.	Commonwealth Edison Co.	Gas	324 54
I 3716	do.	D. E. Harris	Food supplies	12 60
I 3717	do.	Eisner Grocery Co.	do	168 37
I 3718	do.	Grant Carpenter	Live stock	3 50
I 3719	do.	The University of Illinois Supply Store	Books	3 60
I 3720	do.	The Letter Shop	Printing	9 50
I 3721	do.	The Glidden Varnish Co.	Floor dressing	4 50
I 3722	do.	F. M. Leslie	Mine model	9 50
I 3723	do.	International Textbook Co.	Office supplies	4 00
I 3724	do.	The Abrasive Material Co.	do	5 90
I 3725	do.	Architectural Book Publishing Co.	Books	4 05
I 3726	do.	Clarence A. Martin	Incidentals	5 00
I 3727	do.	Bacon Brothers	General supplies	3 80
I 3728	do.	G. R. Grubb & Co.	Zinc etching	51 20
I 3729	do.	C. J. Sealy	Hay	13 25
I 3730	do.	Fuller-Morrison Co.	Chamois skin	1 23
I 3731	do.	Harris-Dillavou & Co.	Charcoal	10 25
I 3732	do.	E. H. Sargent & Co.	Scale	18 00
I 3733	do.	Consolidated Dental Mfg. Co.	General supplies	17 50
I 3734	do.	Chicago Medical Book Co.	Books	4 00
I 3735	do.	J. M. Hanson-Bennett Magazine Agency	Journals	4 07
I 3736	do.	Heath & Milligan Mfg. Co.	Paint and stain	18 08
I 3737	do.	Western Lumber Co.	Pine	33 50
I 3738	do.	Chicago Engineer Supply Co.	Packing	2 33
I 3739	do.	Spring Brothers	Rye	3 00
I 3740	do.	E. H. J. Loreng	Maps	60 00
I 3741	do.	Roy Stout	Straw	48 65
I 3742	do.	Plain Dealer Publishing Co.	Subscription	3 00
I 3743	do.	General Chemical Co.	Laboratory supplies	3 83
I 3744	do.	Montgomery Ward & Co.	General supplies	21 15
I 3745	do.	John Reichard	Shelled corn	471 56
I 3746	do.	K. G. Frank	Repair work	6 30
I 3747	do.	C. A. Kiler	Office equipment	8 07
I 3748	do.	Robert F. Hildebrand	Lantern slides	7 20
I 3749	do.	Joseph H. Dodson	Sparrow traps	12 00
I 3750	do.	D. H. Loyde	General supplies	38 00
I 3751	do.	Eisner Grocery Co.	Sugar	19 37
I 3752	Nov. 23	Davis & Orioli	Books	56 82
I 3753	do.	G. E. Stechert & Co.	do	22 73
I 3754	do.	A. C. McClurg & Co.	do	28 37
I 3755	do.	Harrison Fahrnkopf	Traveling expenses	11 95
I 3756	do.	G. E. Gentile	do	29 80
I 3757	do.	University of Chicago Press	Reprints	1 45
I 3758	do.	Otto Harrassowitz	Books	3 06
I 3759	do.	Lucien Gougy	do	8 84
I 3760	do.	Henry Southern & Co.	do	3 41
I 3761	do.	Bernard Quaritch	do	5 15
I 3762	do.	Maggs Brothers	do	2 35
I 3763	do.	Boston Book Co.	do	100 00
I 3764	do.	H. S. Capron, Treasurer	Material furnished from University storeroom	29 82
I 3765	do.	H. S. Capron, Treasurer	do	70 98
I 3766	do.	Pay roll	November, 1915	4,840 30
		Alley, W. E.	Salary	\$100 00
		Barnes, Mary G.	do	65 00
		Beadles, Jessie R.	do	65 00
		Bowen, Evalena	do	70 00
		Brownfield, Lelah H.	do	50 00
		Buchanan, Harold C.	do	70 00
		Buckles, Mildred E.	do	65 00
		Clemence, Hazel	do	70 00
		Coogan, Jane	do	50 00
		Cover, Hazel W.	do	65 00
		Craigmile, Jeannette	do	50 00
		Crawford, C. C.	do	70 00
		Custer, Emma L.	do	75 00
		Dalton, C. E.	do	50 00
		Davis, Vera M.	do	55 00
		Devine, Jeannette	do	16 15
		Fieg, Robert J.	do	50 00



## INSTRUCTION VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
I 3766	1915 Nov. 23	Garwood, Frances.....	Salary.....	\$ 60 00
Cld.		Garwood, Helen S.....	do.....	50 00
		Geyer, Helen.....	do.....	50 00
		Glenn, Eleanor.....	do.....	55 00
		Goodspeed, W. S.....	do.....	90 00
		Gordon, Marie A.....	do.....	60 00
		Griffith, Mabel.....	do.....	75 00
		Halliday, Mabel.....	do.....	60 00
		Hamilton, Mrs. Alice.....	do.....	100 00
		Hammitt, Susan.....	do.....	50 00
		Harper, Julia.....	do.....	75 00
		Hathaway, Kenneth.....	do.....	50 00
		Hayes, James Bert.....	do.....	100 00
		Hayward, Nellie.....	do.....	60 00
		Heater, Myrtle.....	do.....	65 00
		Hull, A. H.....	do.....	70 00
		Jay, Edith L.....	do.....	55 00
		Lahr, Lawrence D.....	do.....	60 00
		Leitz, Louise A.....	do.....	45 00
		Lonius, J. O.....	do.....	90 00
		McGurty, Agnes.....	do.....	91 66
		McIntire, W. A.....	do.....	50 00
		McMillen, Mary B.....	do.....	50 00
		Manley, Verna.....	do.....	50 00
		Manspeaker, Lotta M.....	do.....	100 00
		Meachum, Leola.....	do.....	45 00
		Merchant, Donna B.....	do.....	60 00
		Meseck, Rudolph.....	do.....	65 00
		Millar, Mary.....	do.....	70 00
		Miller, C. F.....	do.....	100 00
		Mock, Forrest.....	do.....	55 00
		Nagle, Sybil.....	do.....	55 00
		Nyberg, Florence A.....	do.....	55 00
		Oliver, Flossie M.....	do.....	50 00
		Packard, Bessie.....	do.....	75 00
		Peel, Thomas.....	do.....	65 00
		Pergande, Epbert.....	do.....	95 00
		Peters, Helen A.....	do.....	65 00
		Probst, Alice.....	do.....	50 00
		Ressler, Milton.....	do.....	80 00
		Rheads, Hazel.....	do.....	65 00
		Riggs, Bess.....	do.....	45 00
		Rock, Hazel L.....	do.....	55 00
		Rogers, Della M.....	do.....	50 00
		Rohweder, Emma.....	do.....	45 00
		Ross, Anne.....	do.....	55 00
		Scanlan, Mary.....	do.....	70 00
		Slater, Sarah M.....	do.....	65 00
		Smith, Mayne L.....	do.....	70 00
		States, Bertha G.....	do.....	55 00
		Taft, Mary.....	do.....	70 00
		Vanden Boom, Leona.....	do.....	50 00
		Vanderbeek, H. J.....	do.....	75 00
		Vaubel, Daniel.....	do.....	70 00
		Wheeler, H. H.....	do.....	70 00
		Williamson, Paul.....	do.....	83 33
		Winchester, B. L.....	do.....	54 16
		Wynfinger, H. T.....	do.....	60 00
		Ellis, E. R.....	do.....	50 00
I 3767	Nov. 24	The University of Illinois Supply Store.	Books.....	\$ 4 25
I 3768	do.	Wilford M. Voynich.....	do.....	63 00
I 3769	do.	Central Electric Co.....	Electric lamps.....	17 36
I 3770	do.	Rand, McNally & Co.....	Wall maps.....	84 00
I 3771	do.	The Arthur N. Thomas Co.....	Laboratory supplies.....	2 46
I 3772	do.	Peck & Hill's Furniture Co.....	Laboratory apparatus.....	16 66
I 3773	do.	Belden Mfg. Co.....	do.....	3 27
I 3774	do.	The Thermal Syndicate.....	Crucibles.....	4 30
I 3775	do.	H. W. Johns-Manville Co.....	Asbestos.....	10 50
I 3776	do.	A. S. Nelson & Sons.....	Food supplies.....	6 19
I 3777	do.	Norcon Co.....	Laboratory apparatus.....	1 64
I 3778	do.	The Chester Transfer Co.....	Drayage.....	1 50
I 3779	do.	W. W. Wilson.....	Traveling expenses.....	24 19
I 3780	do.	Wm. L. Mays.....	Field work.....	17 50
I 3781	do.	J. G. Mosier.....	Traveling expenses.....	22 59
I 3782	do.	A. W. Jamison.....	do.....	12 31
I 3783	do.	Dayton Fruit Tree Label Co.....	Labels.....	1 20
I 3784	do.	Champaign Seed Co.....	Salt.....	1 45
I 3785	do.	Hall Hardware Co.....	Lanterns.....	2 00

## INSTRUCTION VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
3786	Nov. 24	Sharp & Smith.	General supplies	\$ 1 83
3787	do.	The Veeder Mfg. Co.	do.	8 05
3788	do.	F. J. T. Eyerson.	Laboratory supplies.	37 80
3789	do.	The Ready Tool Co.	Rubber tools.	10 80
3790	do.	Illinois Steel Co.	Steel.	22 74
3791	do.	Harris Dillayon & Co.	Smelting coal.	47 77
3792	do.	Buffalo Wire Works Co.	General supplies	4 90
3793	do.	Kaiser Grocery Co.	do.	3 80
3794	do.	Taylor Hardware Co.	do.	520 21
3795	do.	Steel & Lawson.	Medical supplies	520 21
3796	do.	The Linde Air Products Co.	Freight and laboratory supplies.	1 75
3797	do.	John H. Doyle.	General supplies	10 40
3798	do.	E. H. Sargent & Co.	Laboratory apparatus.	26 93
3799	do.	National Carbon Co.	Carbon.	1 10
3800	do.	Monarch Engineering Co.	Oil burners.	40 00
3801	do.	Footle Mineral Co.	Laboratory apparatus.	11 00
3802	do.	E. V. Kirby Auto Co.	Machine.	423 00
3803	do.	Milwaukee Char Co.	Office equipment.	50 00
3804	do.	The N. & M. Division, Taylor Instrument Co.	Lactometers	45 00
3805	do.	The Wagner Glass Works	Laboratory supplies	35 94
3806	do.	J. Hefterman & Son	Stone pans.	3 20
3807	do.	Bess & Co.	Dairy pans.	1 80
3808	do.	The Creamery Package Mfg. Co.	General supplies	31 84
3809	do.	D. H. Lloyd.	Laboratory supplies	8 48
3810	do.	H. Swannell & Son.	General supplies	3 45
3811	do.	Schmittell Tubing Co.	Ammonium tubes.	10 00
3812	do.	B. E. Spaulding.	Laboratory supplies	3 75
3813	do.	Geo. Able & Sons	Feed stuff.	173 60
3814	do.	Oldham Brothers.	Vaseline	4 00
3815	do.	White Line Laundry.	Laundry.	4 91
3816	do.	Blanke Mfg. & Supply Co.	Stainers.	3 75
3817	do.	F. K. Kolneson.	General supplies	77 80
3818	do.	Armstrong Cork & Insulation Co.	Machine	9 10
3819	do.	C. E. Rogers.	Machinery	27 30
3820	do.	Hett & Fretzels Chemical Co.	Ammonia.	3 00
3821	do.	Ivins City Fertilizing Co.	Machine repairs.	31 70
3822	do.	London & Flanagan.	Printing	24 50
3823	do.	Carl Adams.	Wages, November, 1915.	25 57
3824	do.	Lawrence Nesbitt.	do.	55 50
3825	do.	Fred Fline.	do.	35 00
3826	do.	Frank Sanders.	do.	50 00
3827	do.	J. F. Smith.	do.	50 00
3828	do.	Charles H. Wheatcraft.	do.	75 00
3829	do.	H. Williamson.	do.	60 00
3830	do.	Ray A. Fo.	do.	60 00
3831	do.	Loey M. Barro.	do.	20 00
3832	do.	D. I. Brooks.	do.	55 00
3833	do.	Jasper Dillon.	do.	60 00
3834	do.	Joseph Edwards.	do.	47 50
3835	do.	W. J. Empe.	do.	50 00
3836	do.	Lawrence Engle.	do.	80 00
3837	do.	W. C. Hampton	do.	25 00
3838	do.	C. E. Ney.	do.	75 00
3839	do.	J. E. Morgan.	do.	50 00
3840	do.	W. L. Harry.	do.	100 00
3841	do.	Harry Fritchard.	do.	70 00
3842	do.	Ralph Fritchard.	do.	65 00
3843	do.	Ermette Brechtelger.	do.	55 00
3844	do.	Lawrence Utterback.	do.	55 00
3845	do.	G. H. Colman.	do.	45 00
3846	do.	Ed Taylor.	do.	50 00
3847	do.	J. S. Williams.	do.	60 00
3848	do.	A. J. Stenelturner.	do.	50 00
3849	do.	Charles Toland.	do.	60 00
3850	do.	Ralph Chapin.	do.	60 00
3851	do.	D. O. Sprinkle.	do.	50 00
3852	do.	H. O. Woodworth.	do.	55 00
3853	do.	Asa Egelson.	do.	45 00
3854	do.	Lucy Lowe.	do.	45 00
3855	do.	C. C. Chapman.	do.	100 00
3856	do.	J. K. Kesley.	do.	65 00
3857	do.	T. K. Silvey.	do.	48 00
3858	do.	G. B. Beaumont.	do.	65 00

## INSTRUCTION VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
3863	Nov. 24 1915	R. S. Dunham.	Wages, November, 1915.	\$ 60 00
3864	do.	C. T. Hartford.	do.	38 34
3865	do.	E. J. Pichard.	do.	36 00
3866	do.	B. H. Questel.	do.	45 00
3867	do.	J. F. Romine.	do.	55 00
3868	do.	M. D. Rose.	do.	55 00
3869	do.	Andrew Torngquist.	do.	75 00
3870	do.	Alce Reed.	do.	60 00
3871	do.	H. D. McQueen.	do.	60 00
3872	do.	M. F. Silvers.	do.	55 00
3873	do.	Dan Whitley.	do.	50 00
3874	do.	W. M. Woods.	do.	45 00
3875	do.	John Falley.	do.	50 00
3876	do.	Elmer Jenkins.	do.	75 00
3877	do.	A. C. Peterson.	do.	40 00
3878	do.	W. T. Marsh.	do.	55 00
3879	do.	R. W. Traxler.	do.	50 00
3880	do.	Clyde Hamilton.	do.	50 00
3881	do.	George Bore.	do.	50 00
3882	do.	John Flocken.	do.	60 00
3883	do.	Earl Meenach.	do.	65 00
3884	do.	L. E. Murdoch.	do.	85 00
3885	do.	H. B. Deers.	do.	70 00
3886	do.	Lehn Meyers.	do.	65 00
3887	do.	Forrester Stoutzenberg.	do.	70 00
3888	do.	H. B. Ingalls.	do.	50 00
3889	do.	W. L. Bennett.	do.	32 50
3890	do.	D. K. Dunlap.	do.	75 00
3891	do.	L. A. Hunter.	do.	70 00
3892	do.	Robert W. Stark.	do.	80 00
3893	do.	I. C. Anderson.	do.	100 00
3894	do.	Howard G. Osborne.	do.	80 00
3895	do.	E. A. Gale.	do.	70 00
3896	do.	L. M. Wakley.	do.	70 00
3897	do.	Earl Carver.	do.	70 00
3898	do.	C. E. Goodman.	do.	63 00
3899	do.	M. E. Carlson.	do.	60 00
3900	do.	C. C. Hansen.	do.	60 00
3901	do.	H. C. Lawson.	do.	60 00
3902	do.	L. W. Colton.	do.	60 00
3903	do.	L. J. Kenhart.	do.	60 00
3904	do.	Berran Abney.	Books.	60 00
3905	Nov. 26	G. E. Stecher & Co.	do.	13 24
3906	do.	A. C. McClurg & Co.	General supplies.	138 46
3907	do.	Taylor Hardware Co.	Labor.	11 27
3908	do.	L. C. Wagner & Son.	Laboratory supplies.	12 25
3909	do.	Cresley & Co.	do.	2 22
3910	do.	D. A. Loyde.	do.	1 20
3911	do.	A. F. C. Lahrop.	do.	1 52
3912	do.	Bauer & Arneus.	do.	11 82
3913	do.	W. M. Welch Scientific Co.	do.	18 85
3914	do.	Hilke's Veterinary.	Advertising.	7 00
3915	do.	F. W. Garrett.	Traveling expenses.	4 00
3916	do.	G. E. Garble.	do.	74 15
3917	do.	H. C. Wheeler.	do.	24 05
3918	do.	F. W. Washer.	do.	38 09
3919	do.	The Arthur H. Thomas Co.	Laboratory supplies.	25 09
3920	do.	Eugene Metzger Co.	General supplies.	2 25
3921	do.	Green Adams & Co.	Steel tubing.	48 25
3922	do.	G. C. Willis.	General supplies.	19 23
3923	do.	R. K. Robeson.	do.	12 50
3924	do.	Ft. Wayne Electric Works.	Brushes.	1 45
3925	do.	I. M. Thompson.	Secals.	1 26
3926	do.	The Journal of Infectious Diseases.	Books.	8 36
3927	do.	M. E. Thompson, Cashier.	Bill paid.	5 00
3928	do.	M. E. Thompson, Cashier.	do.	85 00
3929	do.	M. E. Thompson, Cashier.	do.	81 58
3930	do.	London & Flanagan.	do.	263 04
3931	do.	H. S. Capron, Treasurer.	Material furnished from Univer-	41 25
3932	Nov. 27		sity.	
3933	do.	Taylor Hardware Co.	General supplies.	315 27
3934	do.	The Burr Co.	do.	18 55
3935	do.	Libre Material Co.	Pillows.	11 25
3936	do.	Wagner Electric Mfg. Co.	Laboratory supplies.	1 10
3937	do.	General Electric Co.	do.	20 00
3938	do.	Greiner Adams & Co.	Steel tubing.	2 47
3939	do.	D. H. Lloyd.	Rent.	2 78
				25 00

## INSTRUCTION VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1915			
I 3940	Nov. 27	Bausch & Lomb Optical Co.	Platinum apparatus	\$ 5 25
I 3941	.do.	Vonnegut Hardware Co.	General supplies	5 70
I 3942	.do.	McKinley Publishing Co.	Maps	1 52
I 3943	.do.	L. M. Marshall	Live stock	75 00
I 3944	.do.	J. G. Cherry Co.	Machine repairs	4 50
I 3545	.do.	Louis F. Nafis	Laboratory supplies	15 00
I 3946	.do.	Otis Percival	Straw	38 78
I 3947	.do.	W. W. Walls & Co.	Coupling pole	1 25
I 3948	.do.	Chicago Fire Proof Storage Warehouse	Storage	3 00
I 3949	.do.	Eimer & Amend	Laboratory supplies	13 22
I 3950	.do.	I. T. Mills, Business Manager Illinois Agriculturist	Subscription	84 00
I 3951	.do.	Eisner Grocery Co.	Ivory soap	3 45
I 3952	.do.	C. C. Logan	Traveling expenses	18 73
I 3953	.do.	H. J. Snider	.do.	23 33
I 3954	.do.	E. E. Hoskins	.do.	13 91
I 3955	.do.	Rand, McNally & Co.	Museum supplies	50 00
I 3956	.do.	Montgomery Ward & Co.	Blue printing supplies	9 12
I 3957	.do.	Geo. J. Kroeck & Co.	Trays	25 75
I 3958	.do.	R. W. Dickenson	Traveling expenses	15 68
I 3959	.do.	S. V. Holt	.do.	32 72
I 3960	.do.	D. H. Lloyd	Blue printing supplies	14 46
I 3961	.do.	Twin City Printing Co.	Printing	8 00
I 3962	.do.	Louden & Flaningam	.do.	13 00
I 3963	.do.	Chicago Paper Co.	.do.	220 98
I 3964	.do.	A. L. Moody	Wages, November, 1915	55 00
I 3965	.do.	T. H. Flood & Co.	Books	148 18
I 3966	.do.	G. E. Stechert & Co.	.do.	7 40
I 3967	.do.	J. M. Hanson Bennett Magazine Agency	.do.	15 75
I 3968	.do.	The Boston Book Co.	.do.	213 00
I 3969	.do.	American Law Book Co.	.do.	15 00
I 3970	.do.	A. C. McClurg & Co.	.do.	10 06
I 3971	.do.	The Carswell Co.	.do.	27 95
I 3972	.do.	The Lawyers Co-operative Publishing Co.	.do.	11 00
I 3973	.do.	L. H. Provine	Traveling expenses	8 49
I 3974	Nov. 29	Vaughan's Seed Store	Seeds	1 80
I 3975	.do.	E. A. Ralston Co.	Food supplies	142 45
I 3976	.do.	Eisner Grocery Co.	Soap	4 00
I 3977	.do.	J. M. Hanson-Bennett Magazine Agency	Journal	8 40
I 3978	.do.	A. H. Barber Creamery Supply Co.	General supplies	8 40
I 3979	.do.	Indian Refining Co.	.do.	7 40
I 3980	.do.	Bausch & Lomb Optical Co.	Laboratory supplies	286 23
I 3981	.do.	S. E. Huff & Co.	Coal and lime	15 05
I 3982	.do.	W. Lewis & Co.	General supplies	1 32
I 3983	.do.	H. W. Johns-Manville Co.	Asbestos wood	14 28
I 3984	.do.	Western Tool & Mfg. Co.	General supplies	8 55
I 3985	.do.	Stipes & Hecker	Cement	6 65
I 3986	.do.	Vocational Supply Co.	Books	4 80
I 3987	.do.	Taylor Hardware Co.	Night locks	1 35
I 3988	.do.	F. K. Robeson	Denim	7 00
I 3989	.do.	Batavia Clamp Co.	Clamps	12 00
I 3990	.do.	Grain Dealers National Association	Booklets	15 00
I 3991	.do.	E. W. Smalley	Seed corn	38 75
I 3992	.do.	E. H. Sargent & Co.	Laboratory supplies	1 50
I 3993	.do.	Sheldon Brick & Building Supply Co.	Brick	2 60
I 3994	.do.	The B. F. Goodrich Rubber Co.	Hose	22 95
I 3995	.do.	The New York Times Index	Books	2 00
I 3996	.do.	H. S. Capron, Treasurer	Material furnished from Univer- sity storeroom	98 37
I 3997	.do.	Lloyd R. Caldwell	Wages, November, 1915	50 00
I 3998	.do.	T. H. Lloyd	.do.	50 00
I 3999	.do.	W. W. Wilson	.do.	50 00
I 4000	.do.	C. L. Albee	.do.	45 00
I 4001	.do.	R. C. Geisel	.do.	47 50
I 4002	.do.	The University of Illinois Supply Store	General supplies	31 80
I 4003	.do.	L. E. Minnis	Traveling expenses	11 42
I 4004	.do.	Standard Separator Co.	Freight	1 51
I 4005	.do.	Herbert W. Mumford	Traveling expenses	11 53
I 4006	.do.	G. C. Willis	Cheese cloth	1 25
I 4007	.do.	Bacon Brothers	General supplies	5 15
I 4008	.do.	L. C. Smith & Bros.	Rent	7 50
I 4009	.do.	Peoples Gas Light & Coke Co.	Gas	50 18
I 4010	.do.	Neostyle Co.	Stencils	1 75
I 4011	.do.	E. H. Sargent & Co.	Laboratory supplies	5 00
I 4012	.do.	Franklin Desk Factory	Desk	20 00
I 4013	.do.	John Bower	Feed stuff	21 00
I 4014	.do.	Bausch & Lomb Optical Co.	Laboratory supplies	7 20
I 4015	.do.	The American Multigraph Sales Co.	Lock clips	4 55

## INSTRUCTION VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1915			
I 4016	Nov. 29	Kimball's Dairy Farmer	Incidentals	\$ 3 00
I 4017	.do.	Watson Faulkner	General supplies	1 15
I 4018	.do.	H. P. Stinespring	Feed stuffs	7 00
I 4019	.do.	Melvin Hatter	Straw	46 25
I 4020	.do.	S. E. Huff & Co.	Lime	6 90
I 4021	.do.	The Ashcroft Mfg. Co.	Machine repairs	2 20
I 4022	.do.	Hartford Steam Boiler Inspection & Insurance Co.	Sundries	10 90
I 4023	.do.	W. Lewis & Co.	Laboratory supplies	1 80
I 4024	.do.	Woldenberg & Schaar	.do.	131 49
I 4025	.do.	F. K. Robeson	Cotton	1 20
I 4026	.do.	The Creamery Package Mfg. Co.	Laboratory supplies	9 18
I 4027	Nov. 30	Eisner Grocery Co.	General supplies	20 70
I 4028	.do.	Oldham Brothers	Laboratory supplies	4 50
I 4029	.do.	J. G. Cherry Co.	Machinery repairs	8 08
I 4030	.do.	Eastman Salt Products Co.	Chloride	14 19
I 4031	.do.	The J. B. Ford Co.	Soda ash	25 00
I 4032	.do.	The Diem & Wing Paper Co.	San-I-deal bottles	7 00
I 4033	.do.	Champaign Sanitary Milk Co.	Dairy products	22 00
I 4034	.do.	Central Scientific Co.	Laboratory supplies	3 08
I 4035	.do.	National Carbon Co.	Carbon	2 40
I 4036	.do.	Marmon-Buick Sales Co.	Oil	1 50
I 4037	.do.	Weston Electrical Instrument Co.	Voltmeter repairs	1 66
I 4038	.do.	E. H. Sargent & Co.	Chemicals	16 55
I 4039	.do.	Taylor Hardware Co.	Safety chain	2 10
I 4040	.do.	The Hammond Typewriter Co.	Math typewriter	101 00
I 4041	.do.	Western Stoneware Co.	Laboratory apparatus	10 56
I 4042	.do.	Charles Englehard	Galvanometer	7 50
I 4043	.do.	L. C. Smith & Bros.	Platen	3 50
I 4044	.do.	The Foxboro Co.	Tachometer	37 14
I 4045	.do.	Eugene Dietzgen Co.	Adjusting transit	3 65
I 4046	.do.	Fowers & Powers	Chemicals	7 50
I 4047	.do.	Edward Pennock	General supplies	41 00
I 4048	.do.	C. F. Geiger	Wages, November, 1915	20 00
I 4949	.do.	University Press	Printing	3 25
I 4050	.do.	The Arcus Ticket Co.	.do.	6 00
I 4051	.do.	Louden & Flamingam	.do.	2 10
I 4052	.do.	James H. Greene	Traveling expenses	49 60
I 4053	.do.	N. W. Hepburn	.do.	25 91
I 4054	.do.	Fuller-Morrisson Co.	General supplies	8 49
I 4055	.do.	A. C. McClurg & Co.	.do.	40 00
I 4056	.do.	V. Mueller & Co.	.do.	8 15
I 4057	.do.	A. Daigger & Co.	.do.	43 35
I 4058	.do.	Marshall Field & Co.	Dental supplies	25 70
I 4059	.do.	A. B. Dick Co.	General supplies	17 17
I 4060	.do.	American Dental Journal	Mimeograph	31 40
I 4061	.do.	Western Educational Advertising Agency	Advertising	24 00
I 4062	.do.	Bradner Smith & Co.	.do.	8 00
I 4063	.do.	Carnegie Institution of Washington	General supplies	2 63
I 4064	.do.	Heath & Milligan Mfg. Co.	Publication	9 00
I 4065	.do.	Abbott & Co.	Brushes	9 65
I 4066	.do.	Armour Co.	General supplies	1 35
I 4067	.do.	Yale & Towne Mfg. Co.	Beef extract	29 75
I 4068	.do.	Peck & Hills Furniture Co.	Latches	22 22
I 4069	.do.	Central Scientific Co.	Book sections	31 66
I 4070	.do.	Hibbard, Spencer Bartlett & Co.	General supplies	4 00
I 4071	.do.	W. H. Browne	Scale	1 60
I 4072	.do.	D. P. McElliot	Traveling expenses	10 94
I 4073	.do.	John Becker	Laboratory supplies	10 80
I 4074	.do.	Stromberg Carlson Telephone Mfg. Co.	Rabbits and guinea pigs	29 50
I 4075	.do.	C. F. Harding	Telephone	21 54
I 4076	Dec. 1	Ida Luther	Wages, November, 1915	100 00
I 4077	.do.	A. L. Shriver	.do.	50 00
I 4078	.do.	C. E. Null	.do.	53 02
I 4079	.do.	Geo. F. Smalley	.do.	45 25
I 4080	.do.	Louise Bennett	.do.	48 00
I 4081	.do.	Board of Trustees, Second Presbyterian Church	.do.	43 25
I 4082	.do.	S. M. Braden	Rental	60 00
I 4083	.do.	Mrs. George B. Conover	.do.	117 60
I 4084	.do.	John Swaney	.do.	111 00
I 4085	.do.	A. N. Abbott	.do.	36 00
I 4086	.do.	George F. Tullock	.do.	200 00
I 4087	.do.	C. C. Porter	.do.	120 00
I 4088	.do.	A. A. Hinkley	.do.	30 00
I 4089	.do.	C. H. Morrison	.do.	25 00
I 4090	.do.	F. F. Rinard	.do.	100 00
I 4091	.do.	Fairview Park Cemetery Association	.do.	100 00
				290 00

## INSTRUCTION VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1915			
I 4092	Dec. 4	Earl Harrington	Wages, November, 1915	\$ 60 00
I 4093	.do.	Agnes A. Wagner	.do.	40 00
I 4094	.do.	R. D. Zeitler	.do.	50 00
I 4095	Dec. 6	Multiplex Display Furniture Co	Cabinet.	128 87
I 4096	.do.	H. S. Capron, Treasurer	Material furnished from University storeroom	2,185 08
I 4097	.do.	Mark Small	Wages, November, 1915	65 00
I 4098	.do.	J. W. Rhinesmith	.do.	45 83
I 4099	Dec. 7	High School Life	Advertising	5 00
I 4100	.do.	Charles L. Parsons	Subscription	11 50
I 4101	.do.	McKey & Poague	Rent	500 00
I 4102	.do.	E. H. Sargent & Co	Laboratory supplies	95 64
I 4103	.do.	A. J. Gunderson	Traveling expenses	17 93
I 4104	.do.	The Kauffman-Lattimer Co	Laboratory supplies	30 60
I 4105	.do.	Vaughan's Seed Store	Seeds	1 49
I 4106	.do.	National Real Estate Journal	Subscription	1 00
I 4107	.do.	The Chester Transfer Co.	Taxi	1 75
I 4108	.do.	W. C. Coffey	Traveling expenses	9 84
I 4109	.do.	Royal A. Stipes	Sand and gravel	13 00
I 4110	.do.	J. L. Edmonds	Traveling expenses	22 77
I 4111	.do.	D. H. Lloyd	General supplies	1 30
I 4112	.do.	D. T. Dobbins	Labor	15 82
I 4113	.do.	Oldham Brothers	Liniment	1 00
I 4114	.do.	S. E. Dillavon	Straw	347 50
I 4115	.do.	Chicago Flexible Shaft Co	Cutters and combs	2 63
I 4116	.do.	American Hampshire Sheep Association	Incidentals	4 00
I 4117	.do.	Percival & Moorehead	General supplies	21 58
I 4118	.do.	The Quaker Oats Co	Rolled wheat	51 10
I 4119	.do.	C. S. Brimley	General supplies	3 50
I 4120	.do.	E. Lettz	Laboratory supplies	68 05
I 4121	.do.	C. C. Logan	Traveling expenses	24 82
I 4122	.do.	G. Cramer Dry Plate Co	General supplies	14 26
I 4123	.do.	Lloyd R. Caldwell	Traveling expenses	26 75
I 4124	.do.	R. H. Wilcox	.do.	25 14
I 4125	.do.	The Harvard Apparatus Co	Clock	25 25
I 4126	.do.	Leon D. Tilton	Traveling expenses	33 98
I 4127	.do.	Spencer Lens Co	Laboratory supplies	16 36
I 4128	.do.	The Arthur H. Thomas Co	General supplies	39 00
I 4129	.do.	J. C. Anderson	Corn	3 60
I 4130	.do.	O. M. Allyn	Traveling expenses	34 69
I 4131	.do.	E. R. Donnelley & Sons Co	General supplies	14 05
I 4132	.do.	Ruhm Phosphate Mining Co	Phosphate	96 84
I 4133	.do.	H. C. Gilkerson	Traveling expenses	99 89
I 4134	.do.	Belle City Mfg. Co	General supplies	13 32
I 4135	.do.	Harrison Fahrnkopf	Traveling expenses	7 73
I 4136	.do.	E. E. Hoskins	.do.	13 99
I 4137	.do.	Jacob Ten Boer	Field work	89 10
I 4138	.do.	C. E. Burkhart	.do.	9 20
I 4139	.do.	C. A. Campbell	Traveling expenses	55 62
I 4140	.do.	A. F. Gustafson	.do.	4 73
I 4141	.do.	F. W. Garrett	.do.	12 27
I 4142	.do.	J. E. Whitechurch	.do.	52 93
I 4143	.do.	Roessler & Hasslacher Chemical Co	Chemicals	125 00
I 4144	.do.	Wilksn Brothers & Co.	Laboratory supplies	2 00
I 4145	.do.	Florence Harrison	Traveling expenses	5 04
I 4146	.do.	Mrs. J. M. York	Laundry	9 47
I 4147	.do.	Maud Parsons	Traveling expenses	18 74
I 4148	.do.	E. A. Eichhorst	General supplies	2 50
I 4149	.do.	John Reichard	Corn	85 25
I 4150	.do.	The Creamery Package Mfg. Co	Spring balances	4 73
I 4151	.do.	Chester Horseshoeing Shop	Horseshoes	16 00
I 4152	.do.	The Tablet & Ticket Co	General supplies	7 93
I 4153	.do.	F. C. Jorgeson & Co.	Wall cases	215 00
I 4154	.do.	Knowlton & Bennett	General supplies	3 25
I 4155	.do.	Barnhart Brothers	.do.	3 85
I 4156	.do.	The Woodville Lime & Cement Co	Limestone	2 25
I 4157	.do.	E. A. Holbrook	Traveling expenses	30 98
I 4158	.do.	The Engineering Magazine Co	Books	3 00
I 4159	.do.	Taylor Hardware Co	General supplies	5 50
I 4160	.do.	Leavitt Mfg. Co	Machinery	13 21
I 4161	.do.	Walter S. Bailey	Clock	1 50
I 4162	.do.	James G. Biddle	Motor	22 65
I 4163	.do.	Henry J. Green	Thermometers	19 44
I 4164	.do.	Champaign Seed Co	Field peas	1 50
I 4165	.do.	Machinist Supply Co	General supplies	13 17
I 4166	.do.	G. R. Grubb & Co	Zinc etchings	1 00
I 4167	.do.	S. E. Huff & Co	General supplies	21 50
I 4168	.do.	Frederick B. Stevens	.do.	6 08

## INSTRUCTION VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1915			
I 4169	Dec. 7	C. R. Richards	Traveling expenses	\$ 19 99
I 4170	do.	The Progressive Mfg. Co.	General supplies	18 07
I 4171	do.	The L. S. Starrett Co.	Surface gage	2 24
I 4172	do.	Superior Oxygen Co. of Missouri	Oxygen	5 10
I 4173	do.	The Prest-O-Lite Co.	General supplies	5 80
I 4174	do.	The Champaign Daily Gazette	Advertising	3 00
I 4175	do.	H. I. Carpenter	Tuning piano	4 50
I 4176	do.	A. H. Barber Creamery Supply Co.	Machinery	175 00
I 4177	do.	John Bressmer Co.	Rent	5 50
I 4178	do.	E. V. Kirby Auto Co.	Speedometer	10 00
I 4179	do.	C. W. Wray	Traveling expenses	17 93
I 4180	do.	R. N. Hart	do	16 42
I 4181	do.	I. J. Reinhart	do	11 01
I 4182	do.	F. H. Kelly	do	23 39
I 4183	do.	The University of Illinois Supply Store.	General supplies	7 28
I 4184	do.	Robt. W. Paul	do	92 80
I 4185	do.	General Chemical Co.	Laboratory supplies	24 25
I 4186	do.	Elmer & Amend	do	216 46
I 4187	do.	Henry H. Shufeldt & Co.	do	117 98
I 4188	do.	H. W. Johns-Manville Co.	do	2 32
I 4189	do.	Wilson-Maehlen Co.	do	5 40
I 4190	do.	Sauveur & Boylston	Emery paper	9 45
I 4191	do.	Norton Co.	Laboratory apparatus	5 60
I 4192	do.	John H. Doyle	General supplies	1 15
I 4193	do.	G. C. Willis	Laboratory supplies	3 35
I 4194	do.	R. C. Wagner & Son	Coke and salt	9 50
I 4195	do.	Hoskins Mfg. Co.	Repair work	13 28
I 4196	do.	Indian Refining Co.	Gasoline	6 25
I 4197	do.	R. W. Dickenson	Traveling expenses	30 75
I 4198	do.	H. C. Wheeler	do	43 82
I 4199	do.	S. V. Holt	do	54 82
I 4200	do.	F. W. Wheeler	do	45 56
I 4201	do.	J. G. Mosier	do	10 88
I 4202	do.	Fuller-Morrison Co.	Laboratory supplies	7 02
I 4203	do.	P. D. Long	Field work	50 50
I 4204	do.	George W. Medley	do	37 54
I 4205	do.	J. B. Marshall	do	85 50
I 5206	do.	Stephen Rogers	do	85 33
I 4207	do.	E. W. Bailey	Traveling expenses	26 42
I 4208	do.	M. R. Carlson	do	23 21
I 4209	do.	R. R. Root	do	8 59
I 4209	do.	B. S. Pickett	do	23 37
I 4211	do.	H. E. Babbitt	do	13 99
I 4212	do.	J. F. Kelley	Addresses	45 00
I 4213	do.	The University of Illinois Supply Store.	Office equipment	69 36
I 4214	Dec. 8	M. E. Thompson, Cashier	Bills paid	359 43
I 4215	do.	M. E. Thompson, Cashier	do	274 17
I 4216	do.	M. E. Thompson, Cashier	do	535 75
I 4218	do.	International Press Clipping Bureau	Press clipping	5 00
I 4219	do.	The American Meter Co.	Test meter	50 00
I 4220	do.	Vaughan's Seed Store	Laboratory supplies	2 10
I 4220	do.	Elmer & Amend	Repair work	34 06
I 4221	do.	The Chester Transfer Co.	Drayage	1 33
I 4222	do.	The Fleischman Co.	Yeast	1 75
I 4223	do.	J. F. Webster & Co.	Food supplies	36 30
I 4224	do.	Twin City Ice & Cold Storage Co.	Ice	8 00
I 4225	do.	R. K. Hersh	Traveling expenses	19 60
I 4226	do.	Leavitt Mfg. Co.	Machinery	59 50
I 4227	do.	Geo. D. Fuller	Lantern slides	78 00
I 4228	do.	Central Scientific Co.	Laboratory supplies	5 79
I 4229	do.	Commercial Telephone & Telegraph Co.	Telephone	5 92
I 4230	do.	E. Will Arnold	Prints	1 25
I 4231	do.	B. W. Benedict	Traveling expenses	18 89
I 4232	do.	H. H. Stock	do	1 58
I 4233	do.	C. R. Clark	do	14 74
I 4234	do.	W. S. Wolfe	do	13 19
I 4235	do.	L. H. Provine	do	19 39
I 4236	do.	C. C. Wiley	do	17 89
I 4237	do.	W. M. Wilson	do	17 54
I 4238	do.	Chas. A. Campbell	do	28 25
I 4239	do.	C. C. Logan	do	25 85
I 4240	do.	Metzler & Schafer Co.	General supplies	87 02
I 4241	do.	F. J. Burns Co.	Live frogs	6 00
I 4242	do.	Champaign Steam Laundry	Laundry	61 81
I 4243	do.	The University of Illinois Supply Store	General supplies	13 66
I 4244	do.	Anna L. Porter (Mrs. Giles Porter)	Rent	100 00
I 4245	do.	C. C. Ferguson	Shoes	24 50
I 4246	do.	George Lindsey	Rent	60 00

## INSTRUCTION VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1915			
I 4247	Dec. 8	D. M. White	Rent	\$ 8 50
I 4248	do.	Geo. F. Tullock	Field work	80 08
I 4249	do.	Alf Bartt	do	52 53
I 4250	do.	H. C. Gilkerson	Traveling expenses	31 89
I 4251	do.	H. J. Snider	do	56 78
I 4252	do.	The Creamery Package Mfg. Co.	Spring balance	6 46
I 4253	do.	R. R. Danielson	Traveling expenses	17 90
I 4254	do.	Herbert W. Mumford	do	20 80
I 4255	do.	W. J. Carmichael	do	15 80
I 4256	do.	Charles L. Stewart	do	20 09
I 4257	do.	Charles H. Ward	Museum specialties	149 30
I 4258	do.	Lena A. Roth	Wages, November, 1915	50 00
I 4259	do.	The University Press	Printing	14 00
I 4260	do.	Flanigan-Pearson Co.	do	38 37
I 4261	Dec. 9	Calumet Laundry Co.	Laundry	66 60
I 4262	do.	The Globe-Wernicke Co.	Office equipment	7 20
I 4263	do.	Remington Typewriter Co.	do	37 90
I 4264	do.	Marshall Field & Co.	General supplies	121 61
I 4265	do.	The Western Electric Co.	Electrical supplies	3 50
I 4266	do.	H. F. Bremer	Repair work	13 35
I 4267	do.	A. Kroch & Co.	Books	6 95
I 4268	do.	Library Bureau	Department equipment	309 00
I 4269	do.	Ritter & Flebbe	Journals	27 00
I 4270	do.	Book Shop Bindery	Binding	131 00
I 4271	do.	Chicago Medical Book Co.	Books	117 09
I 4272	do.	Maas Brothers	General supplies	6 10
I 4273	do.	Huntley Dairy Co.	Kazol	1 95
I 4274	do.	V. Mueller & Co.	Cramer plates	18 34
I 4275	do.	Chicago Telephone Co.	Telephone	48 01
I 4276	do.	Bradner, Smith & Co.	Type and printing	38 97
I 4277	do.	Machinist Supply Co.	Mechanical supplies	72 16
I 4278	do.	Demonstrators' Association of Illinois	Cadavers	60 00
I 4279	do.	Western Lumber Co.	Lumber	22 50
I 4280	do.	American Electric Supply Co.	Batteries	3 60
I 4281	do.	Conrad Slide & Projection Co.	Slide cloth	2 70
I 4282	do.	E. Barrington	Labor	11 70
I 4283	do.	Sargents Drug Store	Dental supplies	6 00
I 4284	do.	R. E. Rhode	do	4 75
I 4285	do.	C. B. Clemons Co.	Cartage	5 00
I 4286	do.	A. B. Dick Co.	Stencil paper	3 00
I 4287	do.	Jonas N. Bell	Catering	17 00
I 4288	do.	Ella R. Michael	Labor	53 80
I 4289	do.	Arthur Ochs	Laboratory supplies	94 50
I 4290	do.	A. C. McClurg & Co.	Books	13 54
I 4291	do.	Sprague, Warner & Co.	Sapallo	2 25
I 4292	do.	Heath & Milligan Mfg. Co.	Varnish	7 03
I 4293	do.	F. J. Burns & Co.	Live frogs	7 20
I 4294	do.	Armour Co.	Beef hearts	12 95
I 4295	do.	American Radiator Co.	Gate valves	5 40
I 4296	do.	Pittsburgh Plate Glass Co.	Glass	14 35
I 4297	do.	Stromberg-Carlson Telephone Mfg. Co.	General supplies	1 80
I 4298	do.	D. P. McElliott	do	7 45
I 4299	do.	Ernst Leitz	do	6 47
I 4300	do.	Western Type Foundry	Brass rule	1 44
I 4301	do.	Cutlady Packing Co.	Washing powder	39 00
I 4302	do.	The Journal of Infectious Diseases	Publications	4 70
I 4303	do.	Eimer & Amend	Laboratory supplies	9 48
I 4304	do.	A. Daigger & Co.	Salometer at 60	1 35
I 4305	do.	Eugene Dietzgen Co.	Tracing cloth	10 90
I 4306	do.	Swift & Co.	Beef hearts	6 55
I 4307	do.	Barron Bros. Coal Co.	Feeding material	5 81
I 4308	do.	Sears, Roebuck & Co.	Bonts	3 08
I 4309	do.	Louden & Flaningam	Printing	24 00
I 4310	do.	Pantagraph Printing & Stationery Co.	do	687 88
I 4311	Dec. 10	Pay roll	December, 1915	81,284 04
		Davenport, Eugene	Salary	\$500 00
		Checkley, J. H.	do	116 66
		Hicronymus R. E.	do	125 00
		Jamison, A. W.	do	208 33
		Nolan, A. W.	do	200 00
		Rankin, F. H.	do	291 66
		Greene, J. H.	do	50 00
		Allyn, Ora.	do	116 66
		Aumer, J. P.	do	150 00
		Bauer, F. C.	do	175 00
		Brunson, A. M.	do	100 00
		Clevenger, C. B.	do	100 00
		Dickenson, R. W.	do	116 66



## INSTRUCTION VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
I 4311 Ctd.	1915 Dec. 10	Dickerson, I. W. ....	Salary .....	\$150 00
		Ebersoll, E. T. ....	do .....	100 00
		Eckblaw, K. J. T. ....	do .....	150 00
		Ellis, O. I. ....	do .....	100 00
		Fahrnkopf, H. F. T. ....	do .....	100 00
		Fisher, F. A. ....	do .....	133 33
		Garrett, F. W. ....	do .....	133 33
		Gentle, G. E. ....	do .....	100 00
		Gernert, W. B. ....	do .....	175 00
		Gilkerson, H. C. ....	do .....	100 00
		Gustafson, A. F. ....	do .....	200 00
		Holt, S. V. ....	do .....	166 66
		Hopkins, C. G. ....	do .....	458 33
		Jahr, M. E. ....	do .....	133 33
		Leighty, W. R. ....	do .....	133 33
		Hoskins, E. E. ....	do .....	166 66
		Mosier, J. G. ....	do .....	333 33
		Newell, C. R. ....	do .....	116 66
		Sachs, W. H. ....	do .....	150 00
		Schoonover, W. R. ....	do .....	100 00
		Smith, L. H. ....	do .....	291 66
		Snider, H. J. ....	do .....	100 00
		Torgerson, E. F. ....	do .....	83 33
		Van Alstine, E. ....	do .....	208 33
		Walworth, E. H. ....	do .....	100 00
		Wascher, F. M. W. ....	do .....	133 33
		de Werf, H. A. ....	do .....	83 33
		Wheeler, H. C. ....	do .....	166 66
		Whiting, A. L. ....	do .....	175 00
		Reed, C. O. ....	do .....	133 33
		Morison, A. T. ....	do .....	70 00
		Richey, F. C. ....	do .....	70 00
		Stewart, Robt. ....	do .....	250 00
		Burlison, W. L. ....	do .....	233 33
		Wyatt, F. A. ....	do .....	100 00
		Andrews, J. B. ....	do .....	116 66
		Barto, D. O. ....	do .....	200 00
		Bull, Sleeter. ....	do .....	150 00
		Carmichael, W. J. ....	do .....	141 66
		Detlefson, J. A. ....	do .....	225 00
		Edmunds, J. L. ....	do .....	233 33
		Grindley, H. S. ....	do .....	333 33
		Harper, Claude. ....	do .....	83 33
		Keith, Mary H. ....	do .....	108 33
		Mumford, H. W. ....	do .....	416 66
		Newlin, C. I. ....	do .....	116 66
		Rusk, H. P. ....	do .....	233 33
		Smith, W. H. ....	do .....	166 66
		Whisenand, J. W. ....	do .....	100 00
		Wilcox, R. H. ....	do .....	100 00
		Coffey, W. C. ....	do .....	291 66
		Snapp, R. R. ....	do .....	141 66
		Augustus, E. K. ....	do .....	83 33
		Slater, M. E. ....	do .....	83 33
		Ziesenheim, J. R. ....	do .....	50 00
		Kammblade, W. G. ....	do .....	41 66
		Hamdschin, W. F. ....	do .....	62 50
		Gusler, Gilbert. ....	do .....	180 00
		Morkel, W. A. ....	do .....	25 00
		Rice, J. B. ....	do .....	75 00
		Allen, P. W. ....	do .....	83 33
		Fraser, W. J. ....	do .....	145 83
		Harding, H. A. ....	do .....	416 66
		Hulce, R. S. ....	do .....	150 00
		Lang, L. R. ....	do .....	200 00
		Nevens, W. B. ....	do .....	83 33
		Ruehe, H. A. ....	do .....	150 00
		Hepburn, N. W. ....	do .....	208 33
		Turner, Frank. ....	do .....	83 33
		Yapp, W. W. ....	do .....	116 66
		True, L. J. ....	do .....	83 33
		Chambers, W. H. ....	do .....	37 50
		Kohmann, E. F. ....	do .....	166 66
		Gosser, Harold. ....	do .....	75 00
		Allison, I. D. ....	do .....	150 00
		Brown, H. D. ....	do .....	83 33
		Blair, J. C. ....	do .....	416 66
		Bole, S. J. ....	do .....	150 00

## INSTRUCTION VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount
I 4311 Ctd	1915 Dec. 10	Colby, A. S.	Salary	\$ 83 33
		Dorner, H. B.	do.	250 00
		Durst, C. E.	do.	175 00
		Evans, F. N.	do.	150 00
		Englis, D. T.	do.	80 00
		Gardner, J. J.	do.	166 66
		Heckt, August.	do.	83 33
		Hutchinson, J. I.	do.	116 66
		Lloyd, J. W.	do.	145 83
		Miller, Wilhelm	do.	250 00
		Muncie, F. W.	do.	125 00
		Peltier, G. L.	do.	133 33
		Robinson, C. M.	do.	150 00
		Root, R. R.	do.	233 33
		Ruth, W. A.	do.	83 33
		Smith, F. A. C.	do.	150 00
		Watkins, G. S.	do.	200 00
		Tilton, L. D.	do.	83 33
		Lauterback, E. G.	do.	33 33
		Brock, W. S.	do.	83 33
		Palmer, W. K.	do.	83 33
		Venning, F. L.	do.	120 00
		Bevier, Isabel.	do.	291 66
		Fleming, Georgia.	do.	100 00
		Gray, Cora E.	do.	125 00
		Harrison, Florence.	do.	125 00
		Parsons, Maud.	do.	141 66
		Seymour, Lurene.	do.	166 66
		Stanton, Margaret.	do.	116 66
		Stevens, Grace.	do.	116 66
		Wheeler, Ruth.	do.	166 66
		Williams, Anna.	do.	100 00
		Bunch, Mamie.	do.	83 33
		Percival, Olive.	do.	50 00
		Hope, Leona.	do.	125 00
		Gray, Gretta.	do.	108 33
		Goss, W. F. M.	do.	500 00
		Ash, Percy.	do.	208 33
		Clark, C. R.	do.	183 33
		Provine, I. H.	do.	291 66
		Ricker, N. C.	do.	291 66
		Titcomb, W. C.	do.	175 00
		Wells, N. A.	do.	208 33
		Fehrenkamp, Winifred.	do.	83 33
		Jones, R. T.	do.	150 00
		Hekking, W. M.	do.	150 00
		Kellogg, J. M.	do.	150 00
		Fanning, R. S.	do.	120 00
		Wolfe, W. S.	do.	120 00
		Burger, C. V.	do.	120 00
		Muehlman, R. E.	do.	140 00
		Dillenback, L. C.	do.	100 00
		Stanton, W. M.	do.	120 00
		Williams, A. E.	do.	150 00
		Danielson, R. R.	do.	100 00
		Hursh, R. K.	do.	150 00
		Bleiningner, A. V.	do.	500 00
		Radcliffe, B. S.	do.	150 00
		Geiger, C. F.	do.	40 00
		Baker, I. O.	do.	333 33
		Bowling, B. L.	do.	83 33
		Garver, N. B.	do.	141 66
		McDaniel, A. B.	do.	229 16
		Smith, J. E.	do.	150 00
		Wiley, C. C.	do.	141 66
		Wilson, W. M.	do.	208 33
		Newell, F. H.	do.	416 66
		Ellis, C. A.	do.	250 00
		Pickles, G. W.	do.	150 00
		Raynor, W. H.	do.	140 00
		Davis, R. E.	do.	140 00
		Biegler, P. S.	do.	183 33
		Brooks, Morgan.	do.	250 00
		Fisk, I. W.	do.	150 00
		James, L. V.	do.	150 00
		Paine, E. B.	do.	291 66
		Waldo, E. H.	do.	166 66
		Moore, C. R.	do.	141 66

## INSTRUCTION VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
I 4311 Ctd.	1915 Dec. 10	Knight, A. R.	Salary	\$141 66
		Davis, J. W.	do	140 00
		Miller, H. W.	do	200 00
		Porter, F. M.	do	133 33
		Steward, R. K.	do	166 66
		Jordan, H. H.	do	133 33
		Crane, Rufus.	do	100 00
		Atwell, C. A.	do	100 00
		Murphy, R. E.	do	130 00
		Banks, M. F.	do	80 00
		Benedict, B. W.	do	291 66
		Dent, J. A.	do	150 00
		Fisk, J. A.	do	91 66
		Goodenough, G. A.	do	291 66
		Harding, L. A.	do	291 66
		Leutwiler, O. A.	do	250 00
		Richards, C. R.	do	458 33
		Willard, A. C.	do	225 00
		Waterfall, H. W.	do	160 00
		Frank, Edwin.	do	130 00
		Lanham, E. T.	do	120 00
		Kennedy, R. E.	do	150 00
		Radebaugh, G. H.	do	150 00
		Gross, G. A.	do	150 00
		Hogue, J. H.	do	120 00
		De Turk, J. A.	do	130 00
		Duncan, J. M.	do	90 00
		Rebman, P. J.	do	90 00
		McDowell, M. S.	do	130 00
		Godeke, H. F.	do	140 00
		Holbrook, E. A.	do	229 16
		Stoek, H. H.	do	416 66
		Callen, A. C.	do	150 00
		Enger, M. L.	do	208 33
		Fleming, V. R.	do	150 00
		Talbot, A. N.	do	416 66
		Seeley, F. B.	do	166 66
		Boomsliiter, G. P.	do	150 00
		Ensign, N. E.	do	141 66
		Babbitt, H. E.	do	160 00
		Gardner, Harry.	do	150 00
		Vallance, Alexander.	do	150 00
		Putnam, W. J.	do	130 00
		Noerenberg, C. E.	do	170 00
		Carman, A. P.	do	416 66
		Knipp, C. T.	do	250 00
		Kunz, Jakob.	do	229 16
		Schulz, W. F.	do	183 33
		Williams, E. H.	do	150 00
		Watson, F. R.	do	250 00
		Hyslop, W. H.	do	100 00
		Warner, E. H.	do	105 00
		Nathanson, J. B.	do	80 00
		Hills, C. F.	do	75 00
		Frazel, C. S.	do	50 00
		Randolph, O. A.	do	110 00
		Bayley, P. L.	do	50 00
		Karrer, Sebastian.	do	80 00
		Back, A. M.	do	166 66
		Comstock, A. F.	do	166 66
		Schmidt, E. C.	do	375 00
		Snodgrass, J. M.	do	208 33
		Decker, E. N.	do	291 66
		Groom, Frederick.	do	312 50
		Harker, O. A.	do	333 33
		Hale, W. G.	do	291 66
		Pomeroy, J. N.	do	258 33
		Vernier, C. G.	do	312 50
		Carpenter, C. E.	do	208 33
		Babcock, K. C.	do	458 33
		Lake, E. J.	do	208 33
		Wetmore, Mary M.	do	150 00
		Bradbury, C. E.	do	150 00
		Forbes, G. E.	do	150 00
		Stebbins, Joel.	do	291 66
		Welo, L. A.	do	50 00
		Reed, F. W.	do	140 00
		Hottes, C. F.	do	250 00

## INSTRUCTION VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
I 4311 Ctd.	1915 Dec. 10	Stevens, F. L.	Salary	\$333 33
		Trelease, Wm.	do	416 66
		Hague, Stella M.	do	110 00
		McDougal, W. B.	do	140 00
		Parr, Rosalie	do	80 00
		Dalbey, Nora E.	do	60 00
		Quick, B. E.	do	60 00
		Davis, R. L.	do	50 00
		Pickler, W. E.	do	50 00
		Clayberg, H. D.	do	60 00
		Miles, L. E.	do	50 00
		Beach, W. S.	do	50 00
		Waggoner, H. D.	do	60 00
		Young, Esther	do	50 00
		Kempton, F. E.	do	60 00
		Sperry, J. E.	do	170 00
		Tanner, F. W.	do	120 00
		Grass, C. R.	do	30 00
		Robinson, W. K.	do	60 00
		Balke, C. W.	do	270 83
		Derrick, C. G.	do	191 66
		Noyes, W. A.	do	453 33
		Parr, S. W.	do	166 66
		Smith, C. M.	do	166 66
		Washburn, E. W.	do	291 66
		Weber, H. C. P.	do	166 66
		Beal, G. D.	do	133 33
		Hopkins, B. S.	do	133 33
		MacInnes, D. A.	do	33 33
		McFarland, D. F.	do	200 00
		Lewis, H. B.	do	133 33
		Broderson, H. P.	do	140 00
		Hecker, C. H.	do	120 00
		Cann, Jessie	do	120 00
		Olin, H. L.	do	120 00
		Sears, G. W.	do	120 00
		Kamm, Oliver	do	120 00
		Anders, Paul	do	130 00
		Kremers, H. O.	do	60 00
		Rees, E. A.	do	60 00
		Charlton, E. E.	do	60 00
		Hess, R. W.	do	60 00
		Rowland, Floyd	do	50 00
		Gilmore, R. E.	do	60 00
		Braley, S. A.	do	60 00
		Skinner, G. S.	do	50 00
		Vollweiler, E. H.	do	50 00
		Van Winkle, W. A.	do	50 00
		Ford, J. T.	do	50 00
		Fotitt, F. W.	do	50 00
		Braham, J. M.	do	50 00
		Owens, A. W.	do	50 00
		Westhaefer, T. O.	do	50 00
		Bissell, D. W.	do	50 00
		Davidson, C. N.	do	50 00
		Karr, W. G.	do	50 00
		Shepard, A. D.	do	35 00
		Portz, H. G.	do	35 00
		Lee, H. R.	do	35 00
		Reed, J. K.	do	30 00
		Okey, Ruth E.	do	30 00
		Winkelmann, H. A.	do	30 00
		Reyerson, L. A.	do	30 00
		Beattie, H. J.	do	30 00
		Buell, Mary V.	do	30 00
		Yutema, L. F.	do	30 00
		Bruce, W. R.	do	30 00
		Jordan, Louis	do	30 00
		Hufford, R. W.	do	30 00
		Potterf, L. O.	do	30 00
		Perry, Margaret	do	30 00
		Updegraff, Helen	do	30 00
		Powell, A. R.	do	30 00
		Cook, W. O.	do	10 00
		Morgan, R. W.	do	10 00
		Wrisley, G. A.	do	10 00
		Landstrom, A. M.	do	10 00
		Holton, J. T.	do	10 00

## INSTRUCTION VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
I 4311 Ctd.	1915 Dec. 10	Hahn, F. C.	Salary.	\$ 10 00
		Johnson, L. C.	do.	90 00
		Brown, J. E.	do.	30 00
		Weiland, J. H.	do.	60 00
		Wells, L. S.	do.	30 00
		van Rossen, Gerard.	do.	120 00
		Oleweine, J. H.	do.	30 00
		Miller, R. W.	do.	10 00
		Hicks, J. F. G.	do.	50 00
		Zelle, Carl.	do.	10 00
		Adler, L.	do.	10 00
		Tippett, R. W.	do.	50 00
		French, H. E.	do.	10 00
		Taylor, S. C.	do.	80 00
		Barlow, H. J.	do.	291 66
		Canter, H. V.	do.	225 00
		Moss, C. M.	do.	250 00
		Oldfather, W. A.	do.	250 00
		Pease, A. S.	do.	30 00
		Robinson, R. P.	do.	30 00
		Bagley, W. C.	do.	458 33
		Johnston, G. H.	do.	312 38
		Miller, W. S.	do.	166 39
		Whipple, G. M.	do.	270 83
		Brown, J. O.	do.	251 66
		Berninger, Harriet J.	do.	50 00
		Cobb, Margaret.	do.	50 00
		Baldwin, E. C.	do.	175 00
		Clart, T. A.	do.	41 66
		Dodge, D. K.	do.	271 32
		Fulton, Edw.	do.	175 00
		Jones, H. S. V.	do.	183 32
		Paul, H. O.	do.	208 33
		Scott, F. W.	do.	458 33
		Sherman, S. P.	do.	186 66
		Woolberg, C. H.	do.	158 33
		Zellin, Jacob.	do.	125 00
		Creek, H. L.	do.	141 66
		Boyer, G. V.	do.	116 66
		Seizepperte, Gertrude.	do.	25 00
		Kyle, Martha J.	do.	120 00
		Allen, E. S.	do.	130 00
		Kinckey, Clarissa.	do.	120 00
		Harris, L. H.	do.	120 00
		Teple, K. G.	do.	120 00
		Tones, E. V. F.	do.	120 00
		Schultz, C. S.	do.	120 00
		Dowries, Alice.	do.	120 00
		Gregory, Anne.	do.	120 00
		Hussey, S. B.	do.	100 00
		Heppner, S. A.	do.	100 00
		Heppner, Sada A.	do.	100 00
		Kalco, Ruth.	do.	100 00
		Staley, T. B.	do.	120 00
		Sarell, J. R.	do.	120 00
		Dixon, R. E.	do.	120 00
		Beck, C. B.	do.	50 00
		Cruss, Myrtle.	do.	50 00
		Hillebrand, H. M.	do.	150 00
		Thurber, C. N.	do.	60 00
		Whitford, R. C.	do.	110 00
		Stuchfle, E. G.	do.	110 00
		Harrington, H. F.	do.	166 66
		Phepps, J. M.	do.	100 00
		Weirick, R. B.	do.	120 00
		Copey, Beatrice.	do.	50 00
		Curl, H. J.	do.	140 00
		Folsom, J. W.	do.	208 33
		Forbes, S. A.	do.	83 33
		Macgillivray, A. D.	do.	250 00
		Mosher, Edna.	do.	100 00
		Hamilton, C. C.	do.	30 00
		Glasgow, R. D.	do.	140 00
		Bayley, W. S.	do.	250 00
		Role, C. W.	do.	250 00
		Savage, T. E.	do.	225 00
		Ritch, J. L.	do.	170 00
		Ross, C. S.	do.	60 00

## INSTRUCTION VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
I 4311	1915 Dec. 10	DuBois, H. M.	Salary	\$ 60 00
Ctd.		Read, M. K.	do.	50 00
		Van Tuye, F. M.	do.	120 00
		Kennedy, L. E.	do.	40 00
		Brooks, N. C.	do.	208 33
		Flom, G. T.	do.	233 33
		Goebel, Julius.	do.	312 50
		Lessing, O. E.	do.	291 66
		Bloomfield, Leonard	do.	166 66
		Gillet, J. E.	do.	133 33
		Blaisdell, Daisy	do.	110 00
		Williams, C. A.	do.	150 00
		Koller, A. H.	do.	150 00
		Ruckett, H. W.	do.	150 00
		Nordmeyer, H. W.	do.	130 00
		Kline, E. K.	do.	120 00
		Greene, Alexander	do.	150 00
		Alvord, C. W.	do.	145 83
		Greene, C. B.	do.	416 66
		Larson, L. M.	do.	266 66
		Lybyer, A. H.	do.	233 33
		Robertson, W. S.	do.	208 33
		Jones, P. V. B.	do.	150 00
		Pease, T. C.	do.	125 00
		Cole, A. C.	do.	150 00
		Brush, Elizabeth	do.	100 00
		Gauger, Joe.	do.	40 00
		Miller, L. E.	do.	60 00
		Borger, R. L.	do.	125 00
		Crathorne, A. R.	do.	166 66
		Emch, Arnold	do.	187 50
		Lytle, E. B.	do.	150 00
		Miller, G. A.	do.	291 66
		Rietz, N. L.	do.	158 33
		Shaw, J. B.	do.	250 00
		Sisam, C. H.	do.	183 33
		Townsend, E. J.	do.	333 33
		Wahlin, G. E.	do.	125 00
		Carmichael, R. D.	do.	208 33
		Kempner, A. J.	do.	133 33
		Denton, W. W.	do.	140 00
		Chittenden, E. W.	do.	140 00
		Wilson, L. T.	do.	120 00
		Smith, G. W.	do.	60 00
		Wilson, W. H.	do.	60 00
		Borden, Raymond	do.	60 00
		Fray, H. D.	do.	60 00
		Beckley, J. S.	do.	30 00
		Marshall, R. H.	do.	60 00
		Roth, Wm. E.	do.	60 00
		Green, C. F.	do.	30 00
		Bode, B. H.	do.	291 66
		Daniels, A. H.	do.	333 33
		Shepherd, Queen.	do.	130 00
		Haessler, Carl	do.	100 00
		Burge, W. E.	do.	216 66
		Beard, J. M.	do.	116 66
		Neill, Alma J.	do.	60 00
		Garner, J. W.	do.	333 33
		Mathews, J. M.	do.	191 66
		Fairlie, J. A.	do.	291 65
		Storey, R. M.	do.	180 00
		Cushman, R. E.	do.	120 00
		Bentley, Madison	do.	279 83
		Ruckmich, C. A.	do.	150 00
		Rahn, Carl	do.	150 00
		Rogers, Sophie.	do.	35 00
		Wichman, Gerald	do.	50 00
		McKenzie, Kenneth	do.	333 33
		Carnahan, D. H.	do.	225 00
		Fitz Gerald, J. D. II.	do.	250 00
		Oliver, T. E.	do.	250 00
		Seymour, A. R.	do.	166 66
		Blondheim, D. S.	do.	166 66
		Carry, C. S.	do.	120 00
		Allen, Louis.	do.	100 00
		Kessler, James.	do.	100 00
		Soto, Rafael	do.	100 00

## INSTRUCTION VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
I 4311	1915 Dec. 10	Dawson, E. R.	Salary	\$100 00
Cld.		Stone, N. K.	do	100 00
		Moore, O. H.	do	141 66
		Shulters, J. R.	do	80 00
		Watson, Jane C.	do	30 00
		Laguardia, C. J. B.	do	100 00
		Hayes, E. C.	do	275 00
		Stevens, J. G.	do	150 00
		Watkins, Gordon	do	50 00
		Kingsley, J. S.	do	291 66
		Smith, Frank	do	250 00
		Ward, H. B.	do	416 66
		Zeleny, Chas.	do	250 00
		Shelford, V. E.	do	166 66
		Van Cleave, H. J.	do	140 00
		May, H. C.	do	60 00
		Greene, Bessie	do	60 00
		Conel, Jessie	do	60 00
		Powers, E. B.	do	60 00
		Magath, T. B.	do	35 00
		Higgins, G. M.	do	35 00
		Baumgartner, Rachel	do	35 00
		Heimberger, H. V.	do	60 00
		Kingman, R. H.	do	35 00
		Baldwin, Frances M.	do	100 00
		Kindred, J. E.	do	30 00
		Paul, Katherine	do	120 00
		Schmidt, Robt.	do	75 00
		Bogart, E. L.	do	291 66
		Dewsnup, E. R.	do	250 00
		Litman, Simon	do	208 33
		Robinson, M. H.	do	250 00
		Weston, N. A.	do	270 83
		Hieronymus, R. E.	do	125 00
		Heilman, R. E.	do	216 66
		Thompson, C. M.	do	208 33
		Thompson, J. G.	do	200 00
		Chase, W. A.	do	240 00
		McJohnston, H.	do	200 00
		Dreesen, W. H.	do	60 00
		Stewart, C. L.	do	180 00
		Young, L. E.	do	250 00
		McMillen, G. B.	do	50 00
		Littleton, A. C.	do	150 00
		Seoville, H. T.	do	220 00
		McKenna, E. L.	do	60 00
		Nickoley, E. F.	do	66 66
		Bond, Ethel	do	100 00
		Curtis, Florence	do	141 66
		Reece, E. J.	do	150 00
		Simpson, Frances	do	183 33
		Hill, Fanny W.	do	75 00
		Schwartz, G. F.	do	183 33
		Smith, Constance Barlow	do	166 66
		Erb, J. L.	do	250 00
		Van den Berg, H. J.	do	180 00
		Nasmyth, H. D.	do	170 00
		Morphy, E. W.	do	170 00
		Treat, Edna	do	100 00
		Harding, A. A.	do	83 33
		Wright, Mabelle	do	100 00
		Johnson, F. T.	do	110 00
		Davis, Bertha	do	100 00
		Day, W. B.	do	208 33
		Snow, C. M.	do	150 00
		Gathercoal, E. M.	do	108 33
		Richer, B. L.	do	83 33
		Colson, H. W.	do	83 33
		Fantus, Bernard	do	16 66
		Clark, A. H.	do	150 00
		Miller, Eva G.	do	66 66
I 4312	do	F. M. Leslie	Photo frames	\$ 11 60
I 4313	do	Morgan Brooks	Traveling expenses	16 56
I 4314	do	E. B. Paine	do	13 91
I 4315	do	Philip S. Biegler	do	13 86
I 4316	do	E. H. Waldo	do	13 11
I 4317	do	National Biscuit Co.	Food	5 12
I 4318	do	O. A. Leutwiler	Travelling expenses	20 04

## INSTRUCTION VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
1915				
I 4319	Dec. 10	E. H. Sargent & Co.	Xylol.	\$ 7 00
I 4320	do.	B. E. Spaulding.	Laboratory supplies.	30 75
I 4321	do.	Driver-Harris Wire Co.	do.	5 11
I 4322	do.	Knowlton & Bennett.	do.	5 82
I 4323	do.	Ward's Natural Science Establishment.	Microscope slides.	9 10
I 4324	do.	Champaign Seed Store.	Animal feed.	-11 65
I 4325	do.	Champaign Steam Laundry.	Laundry.	28 84
I 4326	do.	Southern Illinois Penitentiary.	Lime stone.	67 20
I 4327	do.	Weimer & Schweinsberg.	Hames.	4 50
I 4328	do.	Stock Yards Harness & Saddlery Co.	General supplies.	65 75
I 4329	do.	Conner & Quayle.	Horseshoes.	24 50
I 4330	do.	Fuller-Morrison & Co.	Laboratory supplies.	11 93
I 4331	do.	Scientific Materials Co.	do.	6 19
I 4332	do.	The Arlington Chemical Co.	do.	2 00
I 4333	do.	A. S. Nelson & Sons.	do.	5 45
I 4334	do.	Peck & Hill's Furniture Co.	Chairs.	51 33
I 4335	do.	Standard Oil Co.	Crude oil.	10 50
I 4336	do.	A. W. Nolan.	Traveling expenses.	11 59
I 4337	do.	Chicago Live Stock Yard.	Laboratory supplies.	5 50
I 4338	do.	William R. Jenkins Co.	Museum specimen.	8 00
I 4339	do.	Twin City Ice & Cold Storage Co.	Ice.	24 00
I 4340	do.	Marmon-Buick Sales Co.	Oil.	2 25
I 4341	do.	Woldenberg & Schaar.	Laboratory supplies.	283 65
I 4342	do.	General Chemical Co., Baker & Adamson Works.	do.	74 46
I 4343	do.	Metzler & Schafer Co.	Corn starch.	1 00
I 4344	do.	Eimer & Amend.	Laboratory supplies.	26 07
I 4345	do.	Kazens Express & Van Co.	Drayage.	14 79
I 4346	do.	Central Scientific Co.	General supplies.	76 96
I 4347	do.	Western Lumber Co.	do.	80 20
I 4348	do.	Chicago Surgical & Electric Co.	Thermostat.	6 00
I 4349	do.	Ahrens & Schrimmer.	General supplies.	19 71
I 4350	do.	John M. Smith.	Repair work.	1 50
I 4351	do.	Fuller-Morrison Co.	General supplies.	193 90
I 4352	do.	Antiseptol Liquid Soap Co.	Liquid soap.	28 80
I 4353	do.	V. Mueller & Co.	General supplies.	252 85
I 4354	do.	R. G. Freyer.	Cages.	250 00
I 4355	do.	Maas Brothers.	General supplies.	64 75
I 4356	do.	Illinois Malleable Iron Co.	do.	41 70
I 4357	Dec. 11	Chester Transfer Co.	Limousine.	3 00
I 4358	do.	Judge F. P. Sadler.	Traveling expenses.	7 94
I 4359	do.	Inman Hotel.	Rooms for judges.	6 00
I 4360	do.	American Medical Association.	Subscription.	5 00
I 4361	do.	C. E. Durst.	Traveling expenses.	13 45
I 4362	do.	J. L. Edmonds.	do.	10 12
I 4363	do.	Leon D. Tilton.	do.	28 75
I 4364	do.	Lew R. Saret.	do.	34 81
I 4365	do.	Henry A. Dreer.	General supplies.	2 60
I 4366	do.	Corning Glass Works.	Laboratory supplies.	4 00
I 4367	do.	Kinsey & Mahler Co.	White bronze.	11 14
I 4368	do.	Oxwell Acetylene Co.	General supplies.	10 74
I 4369	do.	Great Western Smelting & Refining Co.	Laboratory supplies.	45 79
I 4370	do.	Kilbourne & Jacobs Co.	"J" pans.	15 00
I 4371	do.	The University of Illinois Supply Store.	General supplies.	6 50
I 4372	do.	Oldham Brothers.	Varnish.	2 00
I 4373	do.	Weston Electrical Instrument Co.	Repair work.	64 50
I 4374	do.	Wm. C. Robinson & Son.	Coating oil.	24 50
I 4375	do.	Detroit Twist Drill Co.	Drill and sleeve.	1 14
I 4376	do.	Taylor Hardware Co.	General supplies.	7 14
I 4377	do.	F. M. Leslie.	Mounting charts.	2 00
I 4378	do.	H. S. Capron, Treasurer.	Material from University store-room.	50 55
I 4379	do.	H. S. Capron, Treasurer.	Material furnished from University storeroom.	1,146 18
I 4380	Dec. 13	Physicians' Supply & Drug Co.	Laboratory supplies.	3 40
I 4381	do.	V. Mueller & Co.	General supplies.	45 30
I 4382	do.	Richter Brothers.	Journals.	2 00
I 4384	do.	N. Logan & Son.	Books.	260 00
I 4385	do.	Fuller-Morrison Co.	General supplies.	6 75
I 4386	do.	The University Hospital.	Board and room.	228 00
I 4387	do.	Pittsburgh Plate Glass Co.	Glass.	3 40
I 4388	do.	Peck & Hill's Furniture Co.	Book sections.	10 71
I 4389	do.	Chicago Towel Co.	Laundry.	71 00
I 4390	do.	Neostyle.	Office supplies.	18 95
I 4391	do.	S. S. White Dental Supply Co.	General supplies.	7 88
I 4392	do.	C. L. Frame Dental Supply Co.	do.	18 19
I 4393	do.	Marshall Field & Co.	Scrim.	11 60



## INSTRUCTION VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
1915				
I 4394	Dec. 13	The Western Electric Co.	Key sockets.	\$ 6 22
I 4395	do.	E. D. Coolidge	Lantern slides	5 50
I 4396	do.	E. von Hermann	General supplies	35 00
I 4397	do.	Thos. J. Dee Co.	Dental supplies	43 52
I 4398	do.	H. K. Mulford Co.	Medical supplies	19 31
I 4399	do.	H. S. Capron, Treasurer	Material furnished from University storeroom	79 90
I 4400	do.	W. S. Brock	Traveling expenses	9 43
I 4401	do.	Wilson Brothers	do	10 00
I 4402	do.	Pittsburgh Plate Glass Co.	Glass	7 44
I 4403	do.	Asa Egelston	Storage	7 50
I 4404	do.	John H. Doyle	Keys	1 50
I 4405	do.	Cunningham Brothers	General supplies	8 35
I 4406	do.	F. M. Foltz	Horseshoes	4 15
I 4407	do.	Champaign Steam Laundry	Laundry	3 22
I 4408	do.	American Hampshire Sheep Association	Incidentals	7 00
I 4409	do.	Wilhelm Miller	Traveling expenses	13 24
I 4410	do.	B. A. Strauch	General supplies	3 00
I 4412	do.	General Electric Co.	Electric supplies	27 25
I 4413	do.	S. V. Holt	Traveling expenses	5 13
I 4414	do.	Eclipse Int. Counterbore Co.	Eclipse holders	27 17
I 4415	do.	F. M. Leslie	General supplies	6 00
I 4416	do.	D. T. Dobbins	Grinding corn	1 60
I 4417	do.	J. C. Gabel	Tank	18 00
I 4418	do.	R. R. Snapp	Traveling expenses	9 84
I 4419	do.	Farrar & Quinlan	Food supplies	96 61
I 4420	do.	W. R. Bradley & Co.	do	103 86
I 4421	do.	A. L. Marshall	do	3 63
I 4422	do.	Albert H. Rankin	Services	10 00
I 4423	do.	Wm. Aten, Sr.	Field work	9 00
I 4424	do.	Alfred Bergren	do	36 00
I 4425	do.	Bertam Abney	Traveling expenses	8 23
I 4426	do.	Earl Garver	do	2 88
I 4427	do.	L. W. Colton	do	1 00
I 4428	do.	North Bangor Slate Co.	Slate	2 52
I 4429	do.	E. H. Sargent & Co.	Laboratory supplies	171 45
I 4430	do.	The Champaign Bottling Works	Carbon dioxide	9 50
I 4431	do.	Karpen Brothers	Metal lacquer	1 00
I 4432	do.	Norton Co.	Crucibles	2 84
I 4433	do.	Bacon Brothers	Paint	1 00
I 4434	do.	General Chemical Co.	Muratic acid	39 25
I 4435	do.	Peck & Hill's Furniture Co.	Desks	20 00
I 4436	do.	D. F. Fleming	Traveling expenses	32 41
I 4437	do.	Henry H. Shufeldt & Co.	Alcohol	29 61
I 4438	do.	The American City	Subscription	5 00
I 4439	do.	Pay roll	December, 1915	4,738 15
		Alley, W. E.	Salary	\$100 00
		Barnes, Mary G.	do	65 00
		Beadles, Jessie R.	do	65 00
		Brownfield, Lelah H.	do	50 00
		Buchanan, Harold C.	do	70 00
		Buckles, Mildred	do	65 00
		Clemence, Hazel	do	70 00
		Coogan, Jane	do	50 00
		Cover, Hazel W.	do	65 00
		Craigmile, Jeannette	do	50 00
		Crawford, C. C.	do	70 00
		Custer, Emma L.	do	75 00
		Dalton, C. E.	do	50 00
		Davis, Verna M.	do	50 00
		Fieg, Robert J.	do	55 00
		Garwood, Frances	do	50 00
		Garwood, Helen	do	60 00
		Geyer, Helen	do	50 00
		Glenn, Eleanor	do	55 00
		Goodspeed, W. S.	do	90 00
		Gordon, Marie	do	60 00
		Griffith, Mabel F.	do	75 00
		Halliday, Mabel	do	60 00
		Hamilton, Mrs. Alice	do	100 00
		Hammitt, Susan	do	50 00
		Harper, Julia	do	75 00
		Hathaway, Kenneth	do	50 00
		Hayes, Bert	do	100 00
		Hayward, Nellie	do	60 00
		Heater, Myrtle	do	65 00
		Hull, A. H.	do	70 00
		Jay, Edith L.	do	55 00

## INSTRUCTION VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
I 4439	1915 Dec. 13	Lahr, Lawrence	Salary	\$ 60 00
Cld.		Leitz, Louise A.	do	45 00
		Lontus, J. O.	do	90 00
		McGurty, Agnes	do	91 66
		McIntire, W. A.	do	50 00
		McMillen, Mary B.	do	50 00
		Manley, Verna	do	50 00
		Manspeaker, Lotta	do	100 00
		Meachum, Leola	do	45 00
		Merchant, Donna	do	60 00
		Meseek, Rudolph	do	65 00
		Millar, Mary	do	70 00
		Miller, C. E.	do	100 00
		Mock, Forrest	do	55 00
		Nagle, Sybil	do	55 00
		Nyberg, Florence	do	55 00
		Oliver, Flossie	do	50 00
		Packard, Bessie	do	75 00
		Peel, Thomas	do	65 00
		Pergande, Robert	do	95 00
		Peters, Helen	do	65 00
		Probst, Alice	do	50 00
		Ressler, Milton	do	64 00
		Rhoads, Hazel	do	65 00
		Riggs, Bess	do	45 00
		Rock, Hazel L.	do	55 00
		Rogers, Della	do	50 00
		Rohweder, Emma	do	45 00
		Ross, Anne	do	55 00
		Scanlan, Mary	do	70 00
		Slater, Sarah M.	do	65 00
		Smith, Mayme	do	70 00
		States, Bertha	do	55 00
		Taft, Mary	do	70 00
		Vanden Boom, Leona	do	50 00
		Vanderbeck, H. J.	do	75 00
		Vaubel, Daniel	do	70 00
		Wheeler, H. M.	do	70 00
		Williamson, Paul	do	83 33
		Winchester, B. L.	do	54 16
		Wyrniger, M. T.	do	60 00
		Ellis, E. K.	do	50 00
I 4440	Dec. 14	R. D. Zeiler	Wages, December, 1915	\$50 00
I 4441	do	Twin City Printing Co.	Printing	3 20
I 4442	do	G. E. Grubb & Co.	Zinc etchings	3 50
I 4443	do	F. L. Swanson & Son	Laboratory supplies	4 73
I 4444	do	F. M. Leslie	do	7 25
I 4445	do	John H. Doyle	Emery cloth	1 00
I 4446	do	J. O. Tupper	Traveling expenses	22 14
I 4447	do	E. Van Alstine	do	67 42
I 4448	do	Frank Morgan	Field work	43 25
I 4449	do	George K. Brady	Traveling expenses	32 66
I 4450	do	Carl S. Metzger	Medical salaries	75 00
I 4451	do	Hiram H. Wheeler	Charts	4 20
I 4452	do	B. A. Strauch	Framing certificate	1 60
I 4453	do	E. C. Jeffrey	Laboratory apparatus	25 00
I 4454	do	Citizens State Bank, S. O. Andros	Museum specimen	71 50
I 4455	do	Ward's Natural Science Establishment	General supplies	6 90
I 4456	do	The University of Illinois Supply Store	Office equipment	41 80
I 4457	do	J. H. Williams & Co.	Connecting rods	42 93
I 4458	do	Romann & Bush Pig Iron & Coke Co.	Smithing coal	47 14
I 4459	do	Henry J. Green	Thermometers	9 88
I 4460	do	General Electric Co.	Voltmeters	10 00
I 4461	do	R. C. Wagner & Son	Labor and coal	12 50
I 4462	do	Stipes & Hecker	Cement	10 00
I 4463	do	Central Electric Co.	Desk lamp	3 78
I 4464	do	Julius Andrae & Sons Co.	Office equipment	10 40
I 4465	do	Reliable Plumbing & Heating Co.	General supplies	3 67
I 4466	do	Library Bureau	Tin trays	18 75
I 4467	do	Neostyle Co.	Office supplies	2 34
I 4468	do	Peck & Hills Furniture Co.	Chairs	5 64
I 4469	do	Kimble-Durand Glass Co.	Culture tubes	37 04
I 4470	do	Young Rey	Wages, 1915	37 50
I 4471	do	Leo Ayers	do	37 50
I 4472	do	Birger Lindh	do	37 50
I 4473	do	Powers & Powers	Laboratory supplies	5 00
I 4474	do	Marinn Biological Laboratory	General supplies	12 65
I 4475	do	E. A. Bromund	Laboratory supplies	4 30

## INSTRUCTION VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1915			
I 4476	Dec. 14	Eimer & Amend	Laboratory supplies	\$ 5 76
I 4477	..do..	Burke & James	Lamps	14 56
I 4478	..do..	Bausch & Lomb Optical Co.	Laboratory supplies	3 36
I 4479	..do..	M. E. Thompson, Cashier	Bills paid	258 28
I 4480	..do..	M. E. Thompson, Cashier	..do..	345 92
I 4481	..do..	M. E. Thompson, Cashier	..do..	119 40
I 4482	Dec. 15	M. E. Thompson, Cashier	..do..	32 60
I 4483	..do..	Pay roll	December, 1915	1,975 00
I 4484	..do..	Edwin J. Johns	Salary, December, 1915	45 00
I 4485	..do..	Peter Drennan	..do..	80 00
I 4486	..do..	Joseph Klena	..do..	60 00
I 4487	..do..	Jacob Solomon	..do..	50 00
I 4488	..do..	Nicholas Michalovich	..do..	50 00
I 4489	..do..	Harry Schultz	..do..	35 00
I 4490	..do..	Johann Becker	..do..	55 00
I 4491	..do..	William Kerechan	..do..	50 00
I 4492	..do..	Pay roll	December, 1915	5,312 96
I 4493	..do..	F. K. Robeson	General supplies	8 95
I 4494	..do..	The Burr Co.	..do..	4 90
I 4495	..do..	R. G. Jones	..do..	3 70
I 4496	..do..	Ward's Natural Science Establishment	Laboratory supplies	7 78
I 4497	..do..	J. Bishop & Co.	..do..	12 42
I 4498	..do..	Eisner Grocery Co.	Food supplies	80 75
I 4499	..do..	Metzler & Schafer Co.	Laboratory supplies	103 60
I 4500	..do..	C. H. Stoelting Co.	..do..	6 80
I 4501	..do..	James H. Rice Co.	Laboratory apparatus	18 00
I 4502	..do..	E. H. Sargent & Co.	Laboratory supplies	4 44
I 4503	..do..	Slack & Bloom	..do..	3 75
I 4504	..do..	C. A. Kiler	..do..	4 40
I 4505	..do..	Roessler & Hasslacher Chemical Co.	Office supplies	11 53
I 4506	..do..	G. Fock, Bookhandel	Journals	3 10
I 4507	..do..	R. E. Hieronymus	Traveling expenses	35 86
I 4508	..do..	Claude Vaughn	Field work	22 20
I 4509	..do..	P. W. Kessinger	..do..	49 85
I 4510	..do..	George W. Matheny	..do..	22 20
I 4511	..do..	R. W. Braucher	Sundries	13 90
I 4512	..do..	C. S. Crandall	Traveling expenses	18 58
I 4513	..do..	Wilhelm Miller	..do..	6 10
I 4514	..do..	Ira O. Baker	..do..	1 95
I 4515	..do..	J. M. Snodgrass	..do..	27 70
I 4516	..do..	Edward C. Schmidt	..do..	4 75
I 4517	..do..	O. S. Beyer	..do..	20 94
I 4518	..do..	A. F. Comstock	..do..	142 15
I 4519	..do..	L. H. Provine	..do..	73 13
I 4520	..do..	J. L. Edmonds	..do..	4 71
I 4521	..do..	J. W. Butler Paper Co.	Printing	47 61
I 4522	Dec. 16	H. S. Capron, Treasurer	Material furnished from University storeroom	2,204 87
I 4523	Dec. 18	Egypt Exploration Fund	Museum specimen	100 00
I 4524	..do..	Isaac N. Wong	..do..	10 50
I 4525	..do..	J. P. Lawrie	..do..	12 00
I 4526	..do..	Taylor Hardware Co.	General supplies	32 45
I 4527	..do..	Dodge Zuill	Laboratory apparatus	1 75
I 4528	..do..	D. H. Burrell & Co.	..do..	6 88
I 4529	..do..	Illinois State Penitentiary	Brooms	5 18
I 4530	..do..	Central Scientific Co.	Test tubes	17 40
I 4531	..do..	Corning Glass Works	Laboratory supplies	10 60
I 4532	..do..	E. H. Sargent & Co.	..do..	26 19
I 4533	..do..	The Linde Air Products Co.	..do..	7 50
I 4534	..do..	Chester Horseshoeing Shop	Horseshoes	10 50
I 4535	..do..	E. V. Kirby Auto Co.	Apparatus	3 40
I 4536	..do..	Knowlton & Bennett	Alcohol	1 75
I 4537	..do..	The Defiance Pressed Steel Co.	Steel cases	108 00
I 4538	..do..	A. H. Barber Creamery Supply Co.	Dairy supplies	27 30
I 4539	..do..	W. H. Smith	Traveling expenses	10 89
I 4540	..do..	F. D. Voris & Sons	Sundries	12 00
I 4541	..do..	Burrough Adding Machine	Equipment repairs	2 75
I 4542	..do..	White Line Steam Laundry	Laundry	5 85
I 4543	..do..	Freeman & Son	General supplies	1 24
I 4544	..do..	Marmion-Buick Sales Co.	Laboratory supplies	1 50
I 4545	..do..	Pilon & Rodgers	Sundries	4 40
I 4546	..do..	Watson Faulkner	Mercury	1 20
I 4547	..do..	Fowler Shops	Laboratory apparatus	30 00
I 4548	Dec. 20	Woldenberg & Schaar	Laboratory supplies	77 63
I 4549	..do..	E. H. Sargent & Co.	..do..	16 24
I 4550	..do..	D. G. Swannell	Incidentals	12 50
I 4551	..do..	M. A. Donohue & Co.	Laboratory supplies	12 75
I 4552	..do..	University of Chicago Press	Books	8 62

## INSTRUCTION VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1915			
I 4553	Dec. 20	George B. Utley	Traveling expenses	\$ 24 84
I 4554	.do.	University of Illinois Supply Store	Books	54 00
I 4555	.do.	J. B. Rice	Traveling expenses	2 52
I 4556	.do.	F. A. Wiltz	Dogs	6 00
I 4557	.do.	Taylor Instrument Co.	Thermometers	27 37
I 4558	.do.	The Plant Study Co.	Plants	22 56
I 4559	.do.	Urbana & Champaign Ry., Gas & Electric Co.	Laboratory apparatus	37 35
I 4560	.do.	The Arthur H. Thomas Co.	Weights	4 26
I 4561	.do.	A. A. Heller	Museum specimens	49 00
I 4562	.do.	R. M. Harper	.do.	2 60
I 4563	.do.	J. J. Roblin & Son	Box press	14 50
I 4564	.do.	Norton Co.	Laboratory apparatus	9 26
I 4565	.do.	Central Scientific Co.	.do.	27 00
I 4566	.do.	Federal Steel Fixture Co.	General supplies	1 25
I 4567	.do.	Johnson & Johnson	.do.	17 35
I 4568	.do.	C. A. Kiler	Office equipment	10 20
I 4569	.do.	Eisner Grocery Co.	General supplies	33 14
I 4570	.do.	S. E. Huff & Co.	.do.	12 50
I 4571	.do.	New York Electric Lamp Co.	Carbon lamps	21 97
I 4572	.do.	The Electric Tachometer Co.	Tachometers	183 00
I 4573	.do.	Bacon Brothers	Paint	8 00
I 4574	.do.	Conner & Quayle	Machine repairs	5 00
I 4575	.do.	Daily Drivers Telegram	Laboratory supplies	28 80
I 4576	.do.	F. K. Robeson	Sheeting	8 00
I 4577	.do.	Dolese & Shepard Co.	Ag. limestone	77 21
I 4578	.do.	Dean E. Davenport	Traveling expenses	7 34
I 4579	.do.	James H. Greene	.do.	3 70
I 4580	.do.	Taylor Hardware Co.	General supplies	5 47
I 4581	.do.	N. C. Ricker	Traveling expenses	7 84
I 4582	.do.	E. W. Donoho	Lectures	30 00
I 4583	.do.	Mrs. Charlotte G. Baker	Addresses	20 00
I 4584	.do.	Mrs. Jennie C. Barlow	.do.	10 00
I 4585	.do.	F. N. Evans	Traveling expenses	13 77
I 4586	.do.	O. S. Watkins	.do.	8 29
I 4587	.do.	Frison Carriage Shop	Wagon tires	3 00
I 4588	.do.	Allan Crain	Gas engine	15 00
I 4589	.do.	International Harvester Co.	Machine repairs	1 65
I 4590	.do.	Geo. B. Carpenter & Co.	General supplies	59 88
I 4591	.do.	Machinists Supply Co.	.do.	4 22
I 4592	.do.	Fuller-Morrison Co.	.do.	5 36
I 4593	.do.	J. J. Hall & Son	Desk	8 50
I 4594	.do.	Franklin Desk Factory	Desks	54 00
I 4595	.do.	Henry E. Tufts	Labeling	3 00
I 4596	.do.	Work-Organizer Specialties Co.	File	1 00
I 4597	.do.	Underwood & Underwood	Laboratory apparatus	47 65
I 4598	.do.	Rand, McNally & Co.	Illinois Map	3 20
I 4599	.do.	Oldham Brothers	Extract	1 00
I 4600	.do.	C. H. Stoelting Co.	Stereoscopic slide	11 11
I 4601	.do.	Clayton D. Crawford	Traveling expenses	15 07
I 4602	.do.	Horace G. Smith	.do.	9 50
I 4603	.do.	Frank C. Slater	.do.	34 11
I 4604	.do.	W. Lewis & Co.	General supplies	8 13
I 4605	.do.	Hunter Rourke & Co.	.do.	33 64
I 4606	.do.	Eimer & Amend	Laboratory supplies	884 41
I 4607	.do.	Edward R. Ladew Co.	Machine repairs	87 25
I 4608	.do.	A. H. Barber Creamery Supply Co.	.do.	4 98
I 4609	.do.	F. M. Foltz	Sundries	11 35
I 4610	.do.	Champaign Steam Laundry	Laundry	22 76
I 4611	.do.	John H. Doyle	Machine repairs	3 00
I 4612	.do.	Ayrshire Breeders' Association	Sundries	5 00
I 4613	.do.	R. E. Kidder Flour Mills	Bran	421 25
I 4614	.do.	The American Guernsey Cattle Club	Sundries	10 00
I 4615	.do.	R. C. Wagner & Son	White ash	18 93
I 4616	.do.	F. M. Leslie	General supplies	7 50
I 4617	.do.	D. H. Lloyd	.do.	32 36
I 4618	.do.	Eugene Dietzen Co.	.do.	21 90
I 4619	.do.	American Institute of Mining Engineers	Pamphlets	1 50
I 4620	.do.	C. M. Moderwell & Co.	Egg coal	57 30
I 4621	.do.	C. S. Hammond & Co.	Atlas	5 00
I 4622	.do.	Adam Emory Albright	Sundries	16 00
I 4623	.do.	W. H. Kreigh & Son	Live stock	250 00
I 4624	.do.	Eisner Grocery Co.	Salt	7 00
I 4625	.do.	P. S. Campbell	Printing	2 50
I 4626	.do.	Louden & Flaningam	.do.	28 95
I 4627	.do.	The University Press	.do.	18 10
I 4628	.do.	Flanigan-Pearson Co.	.do.	13 50
I 4629	.do.	Lena A. Roth	Wages, December, 1915	50 00

## INSTRUCTION VOUCHERS—Continued.

Nó.	Date.	To whom.	For what.	Amount.
	1915			
I 4630	Dec. 21	M. E. Thompson, Cashier	Bills paid	\$300 54
I 4631	do.	M. E. Thompson, Cashier	do.	97 08
I 4632	do.	G. R. Forbes	Traveling expenses	15 01
I 4633	do.	James H. Greene	do.	12 15
I 4634	do.	Herf & Frerichs Chemical Co.	Chemicals	46 52
I 4635	do.	Bauer Bros. Co.	Plates	4 00
I 4636	do.	Taylor Instrument Co.	Laboratory supplies	11 25
I 4637	do.	Creamery Package Mfg. Co.	do.	4 50
I 4638	do.	Eisner Grocery Co.	Condensed milk	4 14
I 4639	do.	Woldenberg & Schaar	Laboratory apparatus	183 69
I 4640	do.	Ernst Leitz	do.	6 41
I 4641	do.	Foote Mineral Co.	Museum specimen	1 00
I 4642	do.	Driver-Harris Wire Co.	Wire	2 44
I 4643	do.	Fuller-Morrisson Co.	Ether	82 00
I 4644	do.	Norton Co.	Filtering tubes	2 48
I 4645	do.	General Chemical Co.	Freight	42 40
I 4646	do.	American Steam Gauge & Valve Mfg. Co.	Gauges	9 60
I 4647	do.	Leon D. Tilton	Traveling expenses	12 46
I 4648	do.	B. S. Pickett	do.	12 60
I 4649	do.	Edward C. Schmidt	do.	5 25
I 4650	do.	John Brauer	Coal	17 00
I 4651	do.	H. W. Cole	Traveling expenses	12 59
I 4652	do.	The Harshaw, Fuller & Goodwin Co.	Tin oxide	28 94
I 4653	do.	C. H. Stoelting Co.	General supplies	2 98
I 4654	do.	J. J. Hall & Son	Desk light	19 50
I 4655	do.	Kimble-Durand Glass Co.	Special tubes	21 61
I 4656	do.	J. M. Fry & Son	Corn feed	1 50
I 4657	do.	The Standard Calorimeter Co.	Laboratory supplies	44 55
I 4658	do.	Indiana Oxygen Co.	Oxygen	2 00
I 4659	do.	H. A. Aldrich & Co.	Laboratory supplies	10 50
I 4660	do.	W. M. Voynich	Museum specimen	280 00
I 4661	do.	E. Horton & Son Co.	Machinery	6 92
I 4662	do.	Oldham Brothers	General supplies	2 55
I 4663	do.	Flanigan-Pearson Co.	Printing	2 75
I 4664	do.	Albert Bradford	Wages, December, 1915	60 00
I 4665	do.	Western Fuel Co.	Coal	77 70
I 4666	do.	Mallory, Mitchell & Faust	Advertising	16 00
I 4667	do.	E. R. Sargent & Co.	Glass tubes	3 75
I 4668	do.	Eberbach & Son Co.	Myocardiograph	49 50
I 4669	do.	The Tribune Co.	Advertising	1 80
I 4670	do.	R. G. Freyer	Cages	25 00
I 4671	do.	Pittsburgh Plate Glass Co.	General supplies	18 75
I 4672	do.	C. L. Frame Dental Supply Co.	Medical supplies	5 73
I 4673	do.	The Globe-Wernicke Co.	Office supplies	7 13
I 4674	do.	C. H. Stoelting Co.	Metronome	14 11
I 4675	do.	Physicians' Supply & Drug Co.	Chloride	2 10
I 4676	do.	Western Type Foundry	Typing	8 50
I 4677	do.	Bradner, Smith & Co.	Office supplies	77 50
I 4678	do.	The Western Electric Co.	Electric supplies	1 65
I 4679	do.	Chicago Medical Book Co.	Books	1 80
I 4680	do.	J. M. Hanson-Bennet Magazine Agency	Journals	2 50
I 4681	do.	Keasbey & Mattison Co.	Building lumber	8 03
I 4682	do.	Ernst Leitz	General supplies	23 10
I 4683	do.	Keystone Type Foundry	Printing press	335 00
I 4684	do.	Antiseptic Liquid Soap Co.	Soap	27 00
I 4685	do.	Advance Packing & Supply Co.	Engineering supplies	1 25
I 4686	do.	John Becker	Rabbits	18 00
I 4687	do.	Seigel, Cooper & Co.	General supplies	3 28
I 4688	do.	Hibbard, Spencer, Bartlett & Co.	do.	6 05
I 4689	do.	Illinois Malleable Iron Co.	do.	18 70
I 4690	do.	The Ostrander-Seymour Co.	do.	1 75
I 4691	do.	Huntley Dairy Co.	Dairy products	1 25
I 4692	do.	A. Daigger & Co.	General supplies	55 80
I 4693	do.	The Liquid Carbonic Co.	Gas	4 50
I 4694	do.	F. G. Hartwell Co.	Coal	308 16
I 4695	Dec. 22	M. E. Thompson, Cashier	Bills paid	458 19
I 4696	do.	M. E. Thompson, Cashier	do.	192 29
I 4697	do.	Florence Churton	Wages, December, 1915	40 00
I 4698	do.	Elizabeth Collom	do.	35 00
I 4699	do.	Marie Freeman	do.	50 00
I 4700	do.	O. S. Beyer	do.	98 75
I 4701	do.	J. E. Morgan	do.	10 00
I 4702	do.	Lavina Dille	do.	60 00
I 4703	do.	H. S. Capron, Treasurer	Material furnished from University storeroom	194 62
I 4704	Dec. 28	H. S. Capron, Treasurer	do.	271 98
I 4705	do.	V. Mueller & Co.	General supplies	85 73
I 4706	do.	American Radiator Co.	Valves	13 63

## INSTRUCTION VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1915			
I 4707	Dec. 28	Barron Bros. Coal Co.	Hay	\$ 1 05
I 4708	do.	Century Fuel Co.	Sawdust	11 25
I 4709	do.	Pittsburgh Plate Glass Co.	Glass	14 67
I 4710	do.	The George P. Clark Co.	Casters	6 78
I 4711	do.	A. C. McClurg & Co.	General supplies	26 46
I 4712	do.	Jewell Belting Co.	do.	3 59
I 4713	do.	Marshall Field & Co.	do.	18 53
I 4714	do.	Arthur Ochs	Pigs and rabbits	69 00
I 4715	do.	Lehigh Paper Mills	Paper towels	12 00
I 4716	do.	Bausch & Lomb Optical Co.	Medical supplies	106 00
I 4717	do.	Heath & Milligan Mfr. Co.	Lead	3 88
I 4718	do.	Illinois Malleable Iron Co.	General repairs	32 91
I 4719	do.	Ahrens & Schreiner	General supplies	43 05
I 4720	do.	Huntley Dairy Co.	do.	2 45
I 4721	do.	L. Wolff Mfg. Co.	do.	11 50
I 4722	do.	Cameron, Amberg & Co.	Office supplies	10 00
I 4723	do.	The Globe-Wernicke Co.	Alph guides.	5 10
I 4724	do.	Peck & Hill's Furniture Co.	Chairs	10 25
I 4725	do.	Ernst Letzt	Dental supplies.	211 11
I 4726	do.	Chicago Medical Book Co.	Charts	1 80
I 4727	do.	Charles H. Ward	General supplies	107 00
I 4728	do.	Sargent's Drug Store	Dental supplies.	75 00
I 4729	do.	Thos. J. Dee & Co.	General supplies	191 66
I 4730	do.	C. L. Frame Dental Supply Co.	Dental supplies.	198 00
I 4731	do.	The National Dental Association	Advertising.	30 00
I 4732	do.	Mrs. L. C. Branum	Laundry	4 40
I 4733	do.	A. Daigger & Co.	General supplies	9 70
I 4734	do.	E. F. Brenner	Repair work	46 60
I 4735	do.	Keweenaw Mfg. Co.	Cabinet	30 60
I 4736	do.	S. S. White Dental Mfg. Co.	Chair	172 00
I 4737	do.	The Sanitor Co.	Dental supplies.	44 00
I 4738	do.	Conrad Slide & Projection Co.	Lantern slides	7 60
I 4739	do.	C. Brischoff & Co.	General supplies	2 13
I 4740	do.	Commonwealth Edison Co.	Meter reading.	350 62
I 4741	do.	American Hard Rubber Co.	General supplies	2 70
I 4742	do.	Ella R. Michaels	Mech. aprons	6 75
I 4743	do.	Royal Typewriter Co.	Typewriter	50 00
I 4744	do.	E. H. Sargent & Co.	General supplies	2 00
I 4745	do.	Eimer & Amend	do.	15 28
I 4746	do.	Physicians' Supply & Drug Co.	Medical supplies	15 61
I 4747	do.	Whitall Tatum Co.	General supplies	28 94
I 4748	do.	Hamblin Plumbing Co.	Plumbing.	112 50
I 4749	do.	Eugene Dietzgen Co.	Engineers supplies	1 11
I 4750	do.	Fuller Morrison Co.	General supplies	467 74
I 4751	do.	American Electric Supply Co.	Link fuses	1 44
I 4752	do.	Joseph Walsh	Labor.	7 00
I 4753	do.	A. Kroch & Co.	Books.	48 73
I 4754	do.	Maas Brothers	Medical supplies	38 09
I 4755	Dec. 29	Armstrong Cork & Insulation Co.	Apparatus repairs.	212 35
I 4756	do.	The Burr Co.	General supplies	2 47
I 4757	do.	Swartz Electric Shop	do.	3 40
I 4758	do.	Champaign & Urbana Ry., Gas & Electric Co.	Coal tar.	4 00
I 4759	do.	E. A. Eichhorst	Harness.	5 00
I 4760	do.	The Wahlgreen Co.	Journals	1 80
I 4761	do.	Shenandoah Nurseries	Seedlings	36 16
I 4762	do.	Gebruder Borntraeger	Books	4 00
I 4763	do.	H. J. Snider	Traveling expenses.	107 43
I 4764	do.	Henry Pfau	Field work	50 50
I 4765	do.	Elmer Musgrove	do.	35 55
I 4766	do.	J. C. Sitterly	do.	76 35
I 4767	do.	E. G. Green	do.	30 09
I 4768	do.	Edward Hill	do.	16 75
I 4769	do.	Robert Baird	do.	30 85
I 4770	do.	C. C. Logan	Traveling expenses.	37 30
I 4771	do.	O. M. Ailyn	do.	78 71
I 4772	do.	Ralph Chaplin	do.	43 52
I 4773	do.	W. W. Wilson	do.	30 38
I 4774	do.	E. S. Sargent & Co.	Asbestos	1 50
I 4775	do.	G. W. Sheldon & Co.	Laboratory supplies	84 20
I 4776	do.	J. J. Hall & Son	Desk	14 00
I 4777	do.	Lydia A. Dexter	Incidentals.	6 00
I 4778	do.	Louis F. Nafis	Laboratory supplies	74 35
I 4779	do.	B. E. Spalding	do.	97 81
I 4780	do.	Eimer & Amend	do.	45 66
I 4781	do.	Woldenberg & Schaar	do.	10 39
I 4782	do.	Central Scientific Co.	do.	12 06
I 4783	do.	Oldham Brothers	do.	5 75

## INSTRUCTION VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
I 4784	1915 Dec. 29	General Chemical Co., Baker & Adamson Works	Filters	\$ 20 00
I 4785	do.	Hall Hardware Co.	General supplies	11 70
I 4786	do.	W. W. Walls & Co.	Lime	1 25
I 4787	do.	Taylor Hardware Co.	General supplies	2 35
I 4788	do.	Harvard Apparatus Co.	Laboratory apparatus	443 50
I 4789	do.	The Wabash R. R. Co.	Freight	2 41
I 4790	do.	The Big Four R. R. Co. (Urbana)	do.	17 63
I 4791	do.	The Big Four R. R.	do.	4 91
I 4792	do.	Illinois Traction System	do.	17 68
I 4793	Dec. 31	Hosy Kirby	Salary, December, 1915	50 00
I 4794	do.	Lulu Meyers	do.	50 00
I 4795	do.	George Bote	do.	85 00
I 4796	do.	John Flocken	do.	65 00
I 4797	do.	Earl Menach	do.	70 00
I 4798	do.	J. E. Murdock	do.	65 00
I 4799	do.	H. B. Deets	do.	70 00
I 4800	do.	Carl Adams	do.	58 00
I 4801	do.	W. C. Jones	do.	75 00
I 4802	do.	C. E. Nay	do.	50 00
I 4803	do.	Fred Pine	do.	80 00
I 4804	do.	Frank Sanders	do.	50 00
I 4805	do.	J. F. Smith	do.	75 00
I 4806	do.	Charles H. Wheateraft	do.	50 00
I 4807	do.	H. Williamson	do.	50 00
I 4808	do.	C. L. Albee	do.	45 00
I 4809	do.	Roy Argo	do.	60 00
I 4810	do.	Lucy M. Barto	do.	20 00
I 4811	do.	D. T. Brooks	do.	55 00
I 4812	do.	Jasper Dillon	do.	60 00
I 4813	do.	Ralph Eaton	do.	47 50
I 4814	do.	Joseph Edwards	do.	50 00
I 4815	do.	W. J. Engle	do.	80 00
I 4816	do.	Lawrence Engle	do.	25 00
I 4817	do.	R. C. Geisel	do.	47 50
I 4818	do.	W. J. Hampton	do.	75 00
I 4819	do.	B. H. Dunlap	do.	70 00
I 4820	do.	L. A. Hunter	do.	80 00
I 4821	do.	Alice Reed	do.	60 00
I 4822	do.	M. D. McQueen	do.	55 00
I 4823	do.	M. F. Stivers	do.	50 00
I 4824	do.	Dan Whitley	do.	45 00
I 4825	do.	W. M. Woods	do.	50 00
I 4826	do.	W. L. Harry	do.	100 00
I 4827	do.	Harry Pritchard	do.	70 00
I 4828	do.	Ralph Pritchard	do.	65 00
I 4829	do.	Emmett Brentlinger	do.	55 00
I 4830	do.	Lawrence Utterback	do.	50 00
I 4831	do.	G. H. Colman	do.	45 00
I 4832	do.	Edd Taylor	do.	50 00
I 4833	do.	J. S. Whitmire	do.	60 00
I 4834	do.	A. J. Stoneburner	do.	50 00
I 4835	do.	Charles Pollard	do.	50 00
I 4836	do.	Ralph Chaplin	do.	60 00
I 4837	do.	D. C. Sprinkle	do.	50 00
I 4838	do.	H. O. Woodworth	do.	55 00
I 4839	do.	Asa Egelston	do.	45 00
I 4840	do.	Lucy Lowe	do.	45 00
I 4841	do.	Andrew Tornquist	do.	75 00
I 4842	do.	M. D. Rose	do.	55 00
I 4843	do.	C. C. Chapman	do.	100 00
I 4844	do.	J. R. Kelley	do.	65 00
I 4845	do.	C. F. Harding	do.	100 00
I 4846	do.	Lawrence Nesbit	do.	55 00
I 4847	do.	John Palfrey	do.	75 00
I 4848	do.	Elmer Jenkins	do.	60 00
I 4849	do.	A. C. Peterson	do.	55 00
I 4850	do.	R. W. Traxson	do.	50 00
I 4851	do.	S. B. Hamilton	do.	50 00
I 4852	do.	Clyde Hamlin	do.	60 00
I 4853	do.	A. L. Moody	do.	55 00
I 4854	do.	Florence Stoutzenberg	do.	30 00
I 4855	do.	J. C. Anderson	do.	70 00
I 4856	do.	J. F. Romine	do.	65 00
I 4857	do.	Howard G. Osborne	do.	60 00
I 4858	do.	H. B. Ingalls	do.	32 50
I 4859	do.	Earl Garver	do.	65 00
I 4860	do.	C. F. Goodman	do.	60 00

## INSTRUCTION VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1915			
I 4861	Dec. 31	C. C. Jenson	Salary, December, 1915	\$ 60 00
I 4862	do.	L. W. Colton	do	60 00
I 4863	do.	Bertram Abney	do	60 00
I 4864	do.	I. J. Reinhart	do	54 00
I 4865	do.	J. D. Fuller	do	71 37
I 4866	do.	G. S. Beaumont	do	56 00
I 4867	do.	R. S. Durham	do	56 00
I 4868	do.	L. M. Wakley	do	70 00
I 4869	do.	H. A. Cate	do	70 00
I 4870	do.	W. L. Bennett	do	75 00
I 4871	do.	Robert W. Stark	do	100 00
I 4872	do.	Ralph Engle	do	30 00
I 4873	do.	Lloyd R. Caldwell	do	50 00
I 4874	do.	T. H. Lloyd	do	50 00
I 4875	do.	W. W. Wilson	do	50 00
I 4876	do.	Reuben W. Peterson	do	8 40
I 4877	do.	Edward Lerch	do	10 75
I 4878	do.	The Cleveland Grain Co	Yellow corn	471 25
I 4879	do.	G. E. Stechert & Co	Books	18 37
I 4880	do.	J. M. Hanson-Bennett Magazine Agency	do	141 00
I 4881	do.	A. C. McClurg & Co	do	9 10
I 4882	do.	The Boston Book Co	do	15 54
I 4883	do.	George W. Sparger	do	85 00
I 4884	do.	Heidelbach Ickelheimer & Co.	do	1 65
I 4885	do.	L. Shepherd	do	34 65
I 4886	do.	The University of Chicago Press	do	2 70
I 4887	do.	Joseph Martini	do	7 33
I 4888	do.	Charles E. Lauriat Co	do	15 41
I 4889	do.	Burgmeir Book Bindery	do	2 28
I 4890	do.	The Willis Music Co	do	8 56
I 4891	do.	G. Broes Van Dort Co	do	8 10
I 4892	do.	T. J. Fitzpatrick	do	6 41
I 4893	do.	Himebaugh & Browne	do	13 00
I 4894	do.	Holstein-Friesian Association	do	2 00
I 4895	do.	The Arthur H. Clark Co	do	2 62
I 4896	do.	The John Clark Co	do	6 00
I 4897	do.	Lemcke & Buechner	do	8 62
I 4898	do.	Samuel N. Rhoads	do	9 00
I 4899	do.	The Lawyers Co-operative Publishing Co.	do	20 00
I 4900	do.	Alexander Hamilton Institute	do	2 00
I 4901	do.	The Outlook Co	Subscription	2 25
I 4902	do.	High School Life	Advertising	5 00
I 4903	do.	A. Hoen & Co	Maps	40 00
I 4904	do.	J. T. Ryerson & Son	Laboratory supplies	27 34
I 4905	do.	B. A. Raiton Co	Food supplies	9 50
I 4906	do.	W. D. Hoard & Sons	Incidentals	6 00
I 4907	do.	Geo. B. Carpenter & Co.	Laboratory apparatus	5 10
I 4908	do.	Chicago Medical Book Co.	Books	71 54
I 4909	do.	Peoples Gas Light & Coke Co.	Lighting	57 86
I 4910	do.	M. A. Donohue & Co.	Slating	1 40
I 4911	do.	Flanigan-Pearson Co	Mounting map	1 25
I 4912	do.	W. H. Chandler	Books	2 25
I 4913	do.	D. G. Swannell	Bond	5 00
I 4914	do.	D. O. Barto	Traveling expenses	9 84
I 4915	do.	Lloyd R. Caldwell	do	28 66
I 4916	do.	Kendric C. Babcock	do	18 09
I 4917	do.	Wilhelm Miller	do	1 55
I 4918	do.	Alice S. Tyler	do	34 02
I 4919	do.	C. C. Jensen	do	7 41
I 4920	do.	F. C. Fenton	Apparatus repairs	5 95
I 4921	do.	J. R. Midyett	Field work	45 75
I 4922	do.	Wm. Webb	do	118 50
I 4923	do.	D. M. White	do	18 21
I 4924	do.	Albert Tate	do	63 85
I 4925	do.	Chas. A. Campbell	Traveling expenses	88 35
I 4926	do.	C. W. Crabtree	Field work	48 25
I 4927	do.	Wm. Sweetmen	do	64 00
I 4928	do.	Chas. A. Campbell	Traveling expenses	96 90
I 4929	do.	John Berlin	Field work	41 09
I 4930	do.	Lewis Hask	do	63 75
I 4931	do.	Harris-Dillayou & Co.	Coal	7 88
I 4932	do.	Indian Refining Co.	Oil	4 50
I 4933	do.	Montgomery Ward & Co.	Tools	6 85
I 4934	do.	The Burr Co.	General supplies	2 75
I 4935	do.	C. C. Logan	Traveling expenses	16 49
I 4936	do.	W. Lewis & Co.	General supplies	6 55
I 4937	do.	E. H. Sargent & Co.	Laboratory supplies	55 04
I 4938	do.	Twin City Ice & Cold Storage Co.	Ice	16 00



## INSTRUCTION VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1915			
I 4939	Dec. 31	S. E. Huff & Co.	General supplies	\$ 58 05
I 4940	.do.	Oldham Brothers.	.do.	10 45
I 4941	.do.	Royal A. Stipes	.do.	25 10
I 4942	.do.	E. A. Eichhorst	Harness repairs	7 85
I 4943	.do.	Alexander Lumber Co.	Lumber	87 22
I 4944	.do.	John H. Doyle	General supplies	7 50
I 4945	.do.	Foote Mineral Co.	Laboratory supplies	2 00
I 4946	.do.	Spencer Lens Co.	Electric lamps	27 00
I 4947	.do.	Bausch & Lomb Optical Co.	Thermometers	36 00
I 4948	.do.	The Hendey Machine Co.	Tool chuck	3 68
I 4949	.do.	Twin City Roofing Co.	Metal sheets	45 00
I 4950	.do.	The Chas. A. Hall Hardware Co.	Wire	3 47
I 4951	.do.	J. C. Thorpe	Services	150 00
I 4952	.do.	H. A. Winter	.do.	80 00
I 4953	.do.	J. V. Stevenson	Lecture	10 00
I 4954	.do.	Pittsburgh Plate Glass Co.	Glass	5 45
I 4955	.do.	S. E. Dillavou	General supplies	4 50
I 4956	.do.	Taylor Hardware Co.	.do.	7 64
I 4957	.do.	Eimer & Amend	Laboratory apparatus	75 38
I 4958	.do.	Wm. G. Johnston Co.	Magazine holders	10 80
I 4959	.do.	W. W. Walls & Co.	Building material	3 20
I 4960	.do.	Southern Illinois Penitentiary	Brushes	1 20
I 4961	.do.	J. M. Lindgren	Services	12 00
I 4962	.do.	R. C. Wagner & Son	Coal	12 75
I 4963	.do.	Ayrshire Breeders' Association	Sundries	5 00
I 4964	.do.	R. G. Wright & Co.	Machinery	85 00
I 4965	.do.	Champaign Ice Cream Co.	General supplies	5 25
I 4966	.do.	Blanke Mfg. & Supply Co.	.do.	15 30
I 4967	.do.	A. H. Barber Creamery Supply Co.	.do.	11 70
I 4968	.do.	G. R. Grubb & Co.	Etchings	9 00
I 4969	.do.	The Geo. Murphy Co.	General supplies	6 60
I 4970	.do.	Chas. A. Strelinger Co.	Saws	4 54
I 4971	.do.	Underwood Typewriter Co.	Typewriter	28 25
I 4972	.do.	Sam'l Harris & Co.	Tools	1 35
I 4973	.do.	Lefax, Inc.	Subscription	3 00
I 4974	.do.	The Frederick Post Co.	Laboratory supplies	2 00
I 4975	.do.	Walrus Mfg. Co.	Laboratory apparatus	99 50
I 4976	.do.	The Harrington & King Perforating Co.	.do.	18 00
I 4977	.do.	Whitall Tatum Co.	General supplies	3 11
I 4978	.do.	Goodyear Tire & Rubber Co.	Matting	8 40
I 4979	.do.	J. C. Paul & Co.	General supplies	1 00
I 4980	.do.	Detroit Twist Drill Co.	Drill	6 34
I 4981	.do.	Crosby Steam Gage & Valve Co.	General supplies	1 07
I 4982	.do.	Thomas Publishing Co.	Books	10 00
I 4983	.do.	Keystone Equipment Co.	Tool holder	8 20
I 4984	.do.	J. T. Ryerson & Son	Laboratory supplies	46 52
I 4985	.do.	John P. Troy	Lantern slides	9 75
I 4986	.do.	Wm. Gaertner & Co.	Gratings	2 50
I 4987	.do.	Augustana Observer	Advertising	5 00
I 4988	.do.	The University of Illinois Supply Store	Office supplies	1 25
I 4989	.do.	The New York Times Co.	Subscription	8 50
I 4990	.do.	Joseph Alexander	Lighting supplies	11 80
I 4991	.do.	Zita L. Olcott	Greek coins	19 07
I 4992	.do.	Champaign Seed Co.	Spray	1 00
I 4993	.do.	Roessler & Hasslacher Chemical Co.	Laboratory supplies	27 50
I 4994	.do.	Singer Sewing Machine Co.	Beltng	2 80
I 4995	.do.	The Arthur H. Thomas Co.	Laboratory supplies	1 97
I 4996	.do.	The Standard Calorimeter Co.	.do.	9 80
I 4997	.do.	F. M. White	Books	3 50
I 4998	.do.	Edw. R. Ladew Co.	General supplies	80 03
I 4999	.do.	Watson Faulkner	.do.	1 10
I 5000	.do.	Dallenbach Brothers	.do.	126 02
I 5001	.do.	Albert Pick & Co.	Ice crusher	8 79
I 5002	.do.	Naomi Newburn	Services	50 00
I 5003	.do.	Susan B. Walcott	.do.	30 00
I 5004	.do.	J. M. Hanson-Bennett Magazine Agency	Books	51 60
I 5005	.do.	R. R. Snapp	Traveling expenses	28 44
I 5006	.do.	The Mexican Mining Journal	General supplies	1 50
I 5007	.do.	Arthur H. Clark Co.	Books	2 91
I 5008	.do.	Lemcke & Beuchner	.do.	1 51
I 5009	.do.	B. Login & Son	.do.	10 43
I 5010	.do.	Chwers Book Binding Co.	.do.	1 84
I 5011	.do.	C. W. Ritter	.do.	2 70
I 5012	.do.	H. L. Stevenson	Maps	550 00
I 5013	.do.	National Conference of Charities & Correction	Books	3 74
I 5014	.do.	Emil Borgann	.do.	48 61
I 5015	.do.	The Ice Cream Trade Journal	Journal	1 00

## INSTRUCTION VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
<b>1915</b>				
I 5016	Dec. 31	American Academy of Political & Social Science.	Books.	\$ 1 99
I 5017	..do..	N. J. Bartlett & Co.	..do..	63 92
I 5018	..do..	The Wahlgreen Co.	..do..	4 55
I 5019	..do..	A. W. Jamison	Incidentals	2 00
I 5020	..do..	G. P. Brett	Journal	5 25
I 5021	..do..	Urbana-Courier Herald	Subscription	3 00
I 5022	..do..	Outlook Co.	..do..	2 25
I 5023	..do..	General Chemical Co.	Laboratory supplies.	45 75
I 5024	..do..	R. C. Wagner & Son	Coke	3 25
I 5025	..do..	F. K. Robeson	Sheets	2 40
I 5026	..do..	Baker & Co.	Platinum dish	8 80
I 5027	..do..	The Taylor Chemical Co.	Laboratory supplies.	6 50
I 5028	..do..	Wheeler-Timlin Lumber Co.	Bass wood	3 00
I 5029	..do..	E. H. Sargent & Co.	Laboratory supplies.	5 63
I 5030	..do..	Lenz & Naumann	Micrometer	5 18
I 5031	..do..	Norton Co.	Laboratory supplies.	3 60
I 5032	..do..	The University of Illinois Supply Store.	Books.	93 12
I 5033	..do..	A. C. McClurg & Co.	..do..	428 07
I 5034	..do..	G. E. Stechert & Co.	..do..	680 17
I 5035	..do..	The Leeds & Northrup Co.	..do..	28 09
I 5036	..do..	Pilon & Rodgers	General supplies.	21 25
I 5037	..do..	Elmer & Amend	Laboratory supplies.	6,983 75
I 5038	..do..	The John Carter Brown Library	Books.	24 00
I 5039	..do..	The Macmillan Co.	..do..	39 44
I 5040	..do..	John Wiley & Sons	..do..	22 84
I 5041	..do..	Hanson & Bennett	..do..	235 03
I 5042	..do..	Louise Bennett	Wages, December, 1915.	40 25
I 5043	..do..	Paul Arndt	..do..	6 00
I 5044	..do..	S. R. Farah	..do..	14 10
I 5045	..do..	R. M. Strickland	..do..	15 00
I 5046	..do..	R. E. McDowell	..do..	31 50
I 5047	..do..	Pantagraph Printing & Stationery Co.	Printing	120 95
I 5048	..do..	P. S. Campbell	..do..	63 80
I 5049	..do..	Twin City Printing Co.	..do..	1 20
I 5050	..do..	The University Press	..do..	16 50
I 5051	..do..	J. W. Butler Paper Co.	..do..	24 04
I 5052	..do..	H. S. Capron, Treasurer	Material furnished from University storeroom.	1,086 98
<b>1916</b>				
I 5053	Jan. 5	M. E. Thompson, Cashier	Miscellaneous	81 35
I 5054	..do..	M. E. Thompson, Cashier	..do..	228 64
I 5055	..do..	M. E. Thompson, Cashier	..do..	121 19
I 5056	Jan. 6	Mark Small	Salary, December, 1915	65 00
I 5057	Jan. 7	The Jeenecke Printing Ink Co.	Ink	2 22
I 5058	..do..	W. F. M. Gross	Traveling expenses	131 27
I 5059	..do..	Weston Electrical Instrument Co.	Voltmeter repairs	27 95
I 5060	..do..	The Burr Co.	Brake pulley	12 00
I 5061	..do..	I. O. Baker	Traveling expenses	4 85
I 5062	..do..	A. C. Harper	..do..	29 84
I 5063	..do..	International Press Clipping Bureau	Incidentals	5 00
I 5064	..do..	Charles A. Ellis	Traveling expenses	21 79
I 5065	..do..	The Findlay Clay Pot Co.	Laboratory supplies	4 25
I 5066	..do..	Standard Oil Co.	Fuel oil	42 71
I 5067	..do..	Peck & Hills Furniture Co.	Laboratory apparatus	50 90
I 5068	..do..	Hess Warming & Vent. Co.	Thermometers	6 09
I 5069	..do..	Sears Roebuck & Co.	Reading stand	9 10
I 5070	..do..	Frank S. Betz Co.	Laboratory apparatus	36 00
I 5071	..do..	Devoe & Reynolds Co.	General supplies	12 65
I 5072	..do..	A. J. Nystrom & Co.	Maps	5 20
I 5073	..do..	L. L. Casper	Laboratory supplies	7 80
I 5074	..do..	R. C. Wagner & Son	Team work	2 50
I 5075	..do..	Superintendent of Documents, Government Printing Office	Year book	8 00
I 5076	..do..	Alvah Bushnell Co.	General supplies	1 93
I 5077	..do..	Montgomery Ward & Co.	..do..	13 47
I 5078	..do..	Illinois State Reformatory	Printing	20 10
I 5079	..do..	B. S. Stevenson & Son	Laboratory supplies	10 05
I 5080	..do..	Elmer & Amend	..do..	547 71
I 5081	..do..	H. H. Fairchild & Brothers	Incidentals	2 00
I 5082	..do..	Western Union Telegraph Co.	..do..	3 00
I 5083	..do..	American Pharmaceutical Association	Advertising	9 00
I 5084	..do..	D. H. Lloyd	Office equipment	12 00
I 5085	..do..	Lewis Fritchley	Collie dog	3 00
I 5086	..do..	D. T. Dobbins	Feed	1 05
I 5087	..do..	Woldenberg & Schaar	Laboratory supplies	5 87
I 5088	..do..	The Wahlgreen Co.	..do..	1 60
I 5089	..do..	Frison Carriage Shop	Machine repairs	2 00

## INSTRUCTION VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1916			
I 5090	Jan. 7	J. D. Fuller	Traveling expenses	\$ 9 86
I 5091	..do..	Otis Percival	Feed	336 72
I 5092	..do..	Watson Faulkner	General supplies	1 45
I 5093	..do..	S. E. Dillavou	..do..	3 40
I 5094	..do..	Fred Pine	Traveling expenses	9 08
I 5095	..do..	H. P. Rusk	..do..	16 58
I 5096	..do..	R. F. Dunn	Live stock	720 00
I 5097	..do..	Champaign Seed Co.	Feeding stuff	147 00
I 5098	..do..	S. E. Huff & Co.	General supplies	17 75
I 5099	..do..	J. E. Whitechurch	Traveling expenses	61 30
I 5100	..do..	J. H. Smith	Field work	23 95
I 5101	..do..	C. C. Logan	Traveling expenses	22 44
I 5102	..do..	Addressograph Co.	Office equipment	9 52
I 5103	..do..	National Biscuit Co.	Food supplies	4 71
I 5104	..do..	R. C. Wagner & Son	Coke	6 50
I 5105	..do..	S. E. Huff & Co.	Coal	10 50
I 5106	..do..	The Alexander Lumber Co.	General supplies	20 45
I 5107	..do..	W. R. Stillwell	Labor and material	6 00
I 5108	..do..	Twin City Ice & Cold Storage Co.	Ice	4 00
I 5109	..do..	G. Gennert	Blueprint supplies	1 20
I 5110	..do..	R. A. Simpson	..do..	1 05
I 5111	..do..	Associated Architects Printing & Supply Co.	..do..	1 45
I 5112	..do..	Ira D. Allison	Traveling expenses	3 95
I 5113	..do..	John H. Doyle	General supplies	1 20
I 5114	..do..	Chicago Apparatus Co.	..do..	1 83
I 5115	..do..	Twia City Printing Co.	Printing	67 35
I 5116	..do..	The University Press	..do..	64 25
I 5117	..do..	C. S. Sale	Salary, December, 1915	24 00
I 5118	..do..	R. D. Zeitler	..do..	50 00
I 5119	..do..	Bayard T. Klotzsche	..do..	37 90
I 5120	..do..	Berthier Fairbanks	..do..	35 60
I 5121	..do..	E. J. Johnson	..do..	35 80
I 5122	..do..	K. E. Geisendorfer	..do..	29 05
I 5123	..do..	F. Louret	..do..	24 70
I 5124	..do..	F. Stewart	..do..	17 60
I 5125	..do..	G. H. Dungan	..do..	29 00
I 5126	..do..	A. P. Holt	..do..	43 25
I 5127	..do..	Lloyd B. Dickey	..do..	41 50
I 5128	..do..	E. S. Axline	..do..	35 75
I 5129	..do..	W. F. Campbell	..do..	34 53
I 5130	..do..	H. C. Eckstein	..do..	75 00
I 5131	..do..	H. A. Shomle	..do..	29 63
I 5132	..do..	H. R. Stanford	..do..	83 33
I 5133	..do..	Agnes A. Wagner	Salary, December, 1915	40 00
I 5134	..do..	Ida Luther	..do..	50 00
I 5135	..do..	Henrietta Ruchl	..do..	60 00
I 5136	..do..	A. L. Shriver	..do..	53 46
I 5137	Jan. 8	C. C. Ferguson	Horseshoes	13 00
I 5138	..do..	Eimer & Amend	Laboratory supplies	67 17
I 5139	..do..	Illinois State Reformatory	Printing	49 40
I 5140	..do..	Neostyle Co.	Office supplies	1 75
I 5141	..do..	McKey & Poague	Rent	500 00
I 5142	..do..	The Monarch Engineering & Mfg. Co.	Set lining	10 00
I 5143	..do..	E. H. Sargent & Co.	Laboratory supplies	3 10
I 5144	..do..	S. E. Huff & Co.	General supplies	4 00
I 5145	..do..	Peck & Hill's Furniture Co.	Filing case	2 00
I 5146	..do..	E. C. Richardson	Traveling expenses	27 94
I 5147	..do..	H. A. Rattermann	Payment on the Rattermann Library	5,250 00
I 5148	..do..	C. F. Goodman	Traveling expenses	15 08
I 5149	..do..	Percy Ash	..do..	17 24
I 5150	..do..	F. H. Newell	..do..	7 98
I 5151	..do..	Economic Geology Publishing Co.	Subscription	3 00
I 5152	..do..	Harrison Fahrnkopf	Traveling expenses	5 31
I 5153	..do..	H. C. Gilkerson	..do..	13 30
I 5154	..do..	F. W. Garrett	..do..	19 02
I 5155	..do..	H. J. Snider	..do..	21 03
I 5156	..do..	C. C. Logan	..do..	14 13
I 5157	..do..	Wm. Aten, Sr.	Field work	4 50
I 5158	..do..	Tom McNamara	..do..	347 30
I 5159	..do..	Association of American Agricultural Colleges & Experiment Stations	Incidentals	35 00
I 5160	Jan. 10	Pantagraph Printing & Stationery Co.	Printing	421 28
I 5161	..do..	W. T. Robinson	..do..	9 50
I 5162	..do..	Louden & Flaningam	..do..	3 00
I 5163	Jan. 11	H. J. Sconce	Services	15 00
I 5164	..do..	The University Club	Two dinners	1 20

## INSTRUCTION VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
1916				
I 5165	Jan. 11	Waukesha Mfg. Co.	Sheep crates	\$ 20 40
I 5166	do.	F. S. Burch & Co.	Wool cards	3 10
I 5167	do.	Conner & Quayle	Horseshoes	18 00
I 5168	do.	Harris-Dillavou & Co.	Coal	7 00
I 5169	do.	Veeder Mfg. Co.	Laboratory supplies	12 17
I 5170	do.	J. L. Edmonds	Traveling expenses	25 71
I 5171	do.	C. C. Ferguson	Horseshoes	4 00
I 5172	do.	J. B. Marshall	Field work	105 75
I 5173	do.	Stephen Rogers	do.	70 50
I 5174	do.	Ed Gorden	General supplies	14 00
I 5175	do.	Fred C. Hubbard	do.	2 50
I 5176	do.	Fred Falk	Field work	92 10
I 5177	do.	Mason, Davis & Co.	Machinery	180 00
I 5178	do.	Chester Horseshoeing Shop	Horseshoes	1 50
I 5179	do.	American Shorthorn Breeders Association	Sundries	20 25
I 5180	do.	Indianapolis Drug Cabinet Co.	Cabinet	32 00
I 5181	do.	G. S. Moler	Lantern slides	64 60
I 5182	do.	F. D. Voris & Sons	Apples	14 40
I 5183	do.	The Guide Publishing Co.	States guides	2 00
I 5184	do.	Royal A. Stipes	Sand	3 60
I 5185	do.	Wm. H. Browne, Secretary	Traveling expenses	58 45
I 5186	do.	Alfred Rehder	Museum specimen	7 50
I 5187	do.	B. E. Spalding	Chemicals	10 31
I 5188	do.	Metzler & Schafer Co.	General supplies	22 01
I 5189	do.	E. H. Sargent & Co.	Laboratory supplies	74 80
I 5190	do.	Elmer & Amend	do.	49 57
I 5191	do.	A. E. Williams	Traveling expenses	40 38
I 5192	do.	W. S. Franklin	Lectures	100 00
I 5193	do.	Hunter-Rourke & Co.	General supplies	16 71
I 5194	do.	H. W. Johns-Manville Co.	Asbestos metallic brake	9 00
I 5195	do.	Roller-Smith Co.	Laboratory apparatus	82 76
I 5196	do.	S. E. Huff & Co.	General supplies	22 20
I 5197	do.	The H. & M. Dov-Taylor Instrument Co.	Thermometers	18 00
I 5198	do.	Milroy N. Stewart	General supplies	10 00
I 5199	do.	Keuffel & Esser Co.	do.	2 20
I 5200	do.	Edward Pennoek	Cover glasses	8 72
I 5201	do.	Kewanee Mfg. Co.	Tables	97 20
I 5202	do.	Spencer Lens Co.	Camera lucidas	108 00
I 5203	do.	Marine Biological Laboratory	Laboratory supplies	14 40
I 5204	do.	Pittsburgh Plate Glass Co.	Laboratory apparatus	28 25
I 5205	do.	Central Scientific Co.	General supplies	95 75
I 5206	do.	Illinois State Reformatory	Printing	273 80
I 5207	do.	Jones & Laughlin Steel Co.	Twisted rods	1 09
I 5208	do.	U. S. Reduction Co.	Babbitt	1 50
I 5209	do.	Barnhart Brothers	General supplies	1 05
I 5210	do.	Farrar & Quinlan	Food supplies	42 91
I 5211	do.	W. R. Bradley & Co.	do.	41 55
I 5212	do.	J. E. Yeats Flower Shop	Flowers	2 00
I 5213	do.	J. F. Webster & Co.	Food supplies	37 41
I 5214	do.	Mrs. F. E. McClughen	Laundry	13 87
I 5215	do.	Dallenbach Brothers	Laboratory supplies	80 72
I 5216	do.	C. H. Stoelting Co.	Time clock	12 00
I 5217	do.	Stanford University Press	General supplies	1 25
I 5218	do.	F. K. Robeson	Wash basins	2 40
I 5219	do.	Smith & Co.	Laboratory supplies	9 75
I 5220	do.	Columbian Enameling & Stamping Co.	do.	11 50
I 5221	do.	Fuller-Morrison Co.	do.	25 90
I 5222	do.	W. D. Nevel	Chemicals	14 67
I 5223	do.	The Leeds & Northrup Co.	Apparatus repairs	2 50
I 5224	do.	Eisner Grocery Co.	Laboratory supplies	48 34
I 5225	do.	Champaign Steam Laundry	Laundry	69 34
I 5226	do.	Superior Oxygen Co.	Oxygen	5 10
I 5227	do.	The Prest-O-Lite Co.	Laboratory supplies	6 48
I 5228	do.	Brown & Sharp Mfg. Co.	Feed shaft pinion	14 72
I 5229	do.	Malleable Iron Fittings Co.	General supplies	26 02
I 5230	do.	Crucible Steel Co. of America	Steel	13 79
I 5231	do.	Engineering Ext. Department	Bulletins	1 00
I 5232	do.	J. C. Gable	General supplies	1 75
I 5233	do.	Louis Melind Co.	Office supplies	3 68
I 5234	do.	The Alexander Lumber Co.	Lumber	35 70
I 5235	do.	John A. Roebblings Sons Co.	General supplies	6 70
I 5236	do.	William Gaertner & Co.	Laboratory apparatus	77 60
I 5237	do.	Pittsburgh Electric Specialty Co.	Burners	4 91
I 5238	do.	Crerer, Adams & Co.	Steel tubing	11 27
I 5239	do.	Oldham Brothers	General supplies	6 55
I 5240	do.	W. Lewis & Co.	do.	12 37
I 5241	do.	The University Press	Printing	35 75

## INSTRUCTION VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
1916				
I 5242	Jan. 11	Louden & Flanigan	Printing	\$ 34 65
I 5243	do.	M. E. Thompson, Cashier	Labor bills	85 95
I 5244	do.	M. E. Thompson, Cashier	Sundry bills	15 09
I 5245	do.	M. E. Thompson, Cashier	Express bills	43 46
I 5246	do.	M. E. Thompson, Cashier	Labor bills	311 15
I 5247	do.	M. E. Thompson, Cashier	do.	321 35
I 5248	Jan. 12	L. E. Young	Traveling expenses	15 44
I 5249	do.	A. M. Shelton	Services	1 00
I 5250	do.	Karl W. Hiersemann	Books	6 27
I 5251	do.	Galloway & Porter	do.	9 95
I 5252	do.	Geo. Harding	do.	6 96
I 5253	do.	P. J. & A. E. Dobell	do.	1 55
I 5254	do.	Otto Lange	do.	124 23
I 5255	do.	John Salkeld	do.	2 47
I 5256	do.	Cumin A. Masson	do.	12 03
I 5257	do.	Lucien Gougy	do.	7 36
I 5258	do.	Dr. F. Oppenheim	do.	16 90
I 5259	do.	Sweet & Maxwell	do.	18 62
I 5260	do.	Edw. G. Allen & Son	do.	1 60
I 5261	do.	M. Boussus	do.	6 50
I 5262	do.	Bernard Quaritch	do.	415 99
I 5263	do.	Martinus Nijhoff	do.	44 10
I 5264	do.	Otto Harrassowitz	do.	7 91
I 5265	do.	W. Heffer & Sons	do.	35 35
I 5266	do.	D. H. Lloyd	Rent	25 00
I 5267	do.	Henry Hell Chemical Co.	Laboratory supplies	7 00
I 5268	do.	F. A. Wiltz	Dogs	6 00
I 5269	do.	Parke, Davis & Co.	Rennin	1 25
I 5270	do.	C. W. Johnson	Galvanized hood	3 50
I 5271	do.	F. J. Burns & Co.	Turtles	2 25
I 5272	do.	Bausch & Lomb Optical Co.	Laboratory apparatus	11 13
I 5273	do.	Wilhelm Miller	Traveling expenses	7 73
I 5274	do.	Leavitt Mfg. Co.	Laboratory apparatus	47 00
I 5275	do.	E. E. Hoskins	Traveling expenses	12 70
I 5276	do.	D. I. Bushnell & Co.	Machinery	20 00
I 5277	do.	Dolese & Shepard Co.	Stone	45 05
I 5278	do.	Illinois State Reformatory	Printing	37 95
I 5279	do.	Irving Pitt Mfg. Co.	General supplies	17 40
I 5280	do.	Pilon & Rodgers	Sundries	5 00
I 5281	do.	Baker-Vawter Co.	Office supplies	1 76
I 5282	do.	Flanigan-Pearson Co.	do.	17 00
I 5283	do.	H. P. Stinespring	Feed stuff	3 50
I 5284	do.	Elmer Frazier	Hay	28 00
I 5285	do.	Milwaukee Sawdust & Shaving Co.	Shavings	78 10
I 5286	do.	Reliable Plumbing & Heating Co.	Grates	7 40
I 5287	do.	Champaign Steam Laundry	Laundry	20 11
I 5288	do.	E. V. Kirby Auto Co.	Machine repairs	17 00
I 5289	do.	Pattengale Brothers	Feed stuff	5 50
I 5290	do.	Geo. B. Carpenter & Co.	General supplies	13 42
I 5291	do.	J. G. Cherry Co.	Machine repairs	15 80
I 5292	do.	Twin City Creamery Co.	Salt	4 60
I 5293	do.	Chester Horseshoeing Shop	Horseshoes	13 00
I 5294	do.	Louden & Flanigan	Printing	9 00
I 5295	do.	Illinois State Reformatory	do.	93 65
I 5296	do.	John Baker	Laboratory supplies	9 00
I 5297	do.	Ella R. Michaels	do.	24 00
I 5298	do.	Western Stoneware Co.	Stone jars	7 62
I 5299	do.	Fuller-Morrisson Co.	Laboratory supplies	11 39
I 5300	do.	W. M. Welch Mfg. Co.	Stationery case	7 50
I 5301	do.	A. C. Clark & Co.	Laboratory apparatus	8 50
I 5302	do.	Thos. J. Dee & Co.	Laboratory supplies	215 18
I 5303	do.	S. S. White Dental Mfg. Co.	General supplies	6 34
I 5304	do.	C. L. Frame Dental Supply Co.	Laboratory supplies	26 70
I 5305	do.	American Institute of Dental Teachers	Dues	20 00
I 5306	do.	Remington Typewriter Co.	Supplies	27 50
I 5307	do.	Mallory, Mitchell & Faust	Advertising	42 00
I 5308	do.	Western Educational Advertising Agcy	do.	31 25
I 5309	do.	Chicago Towel Co.	Laundry	24 00
I 5310	do.	American Electrical Supply Co.	Laboratory apparatus	5 30
I 5311	do.	V. Mueller & Co.	Laboratory supplies	5 95
I 5312	do.	Scheidel Western X Ray Co.	Laboratory apparatus	125 00
I 5313	do.	Jewell Belting Co.	General supplies	3 95
I 5314	do.	E. H. Sargent & Co.	Laboratory supplies	5 00
I 5315	do.	Swift & Co.	do.	4 55
I 5316	do.	Eimer & Amend	do.	39 49
I 5317	do.	Western Type Foundry	Laboratory apparatus	7 48
I 5318	do.	Keystone Type Foundry	Office equipment	8 04
I 5319	do.	Maas Brothers	General supplies	1 45

## INSTRUCTION VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1916			
I 5320	Jan. 12	Chicago Telephone Co	Toll	\$ 11 42
I 5321	..do..	Roy L. Moodie	Reprints	7 50
I 5322	..do..	A. B. Dick & Co.	Office supplies	3 25
I 5323	..do..	Whitall Tatum Co.	Laboratory supplies	58 93
I 5324	..do..	Chicago Medical Book Co.	General supplies	1 53
I 5325	..do..	C. H. Stoelting Co.	Laboratory apparatus	15 31
I 5326	..do..	Harvard Apparatus Co.	General supplies	4 00
I 5327	Jan. 13	Pay roll	January, 1916.	81,117 39
		Miller, Eva G	Salary	\$ 66 66
		Davenport, Eugene	..do	500 00
		Checkley, J. H.	..do	116 66
		Hieronymus, H. E.	..do	125 00
		Jamison, A. W.	..do	208 33
		Nolan, A. W.	..do	200 00
		Rankin, F. H.	..do	291 66
		Greene, J. H.	..do	50 00
		Aumer, J. P.	..do	150 00
		Bauer, F. C.	..do	175 00
		Brunson, A. M.	..do	100 00
		Clevenger, C. B.	..do	100 00
		Dickenson, R. W.	..do	116 66
		Dickerson, I. W.	..do	150 00
		Ebersol, E. T.	..do	100 00
		Eckblaw, K. J. T.	..do	150 00
		Ellis, O. I.	..do	100 00
		Fahrnkopf, H. F. T.	..do	100 00
		Fisher, F. A.	..do	133 33
		Garrett, F. W.	..do	133 33
		Gentle, C. E.	..do	100 00
		Gernert, W. B.	..do	175 00
		Gilkerson, H. C.	..do	100 00
		Gustafson, A. F.	..do	200 00
		Holt, S. V.	..do	166 66
		Hopkins, C. G.	..do	458 33
		Jahr, M. E.	..do	133 33
		Leighy, W. R.	..do	132 33
		Hoskins, E. E.	..do	166 66
		Nosier, J. F.	..do	333 33
		Newell, C. R.	..do	116 66
		Sachs, W. H.	..do	150 00
		Schoonover, W. R.	..do	100 00
		Smith, L. H.	..do	291 66
		Snider, H. J.	..do	100 00
		Torgerson, E. F.	..do	83 33
		Van Alstine, E.	..do	208 33
		Walworth, E. H.	..do	100 00
		Wascher, F. M. W.	..do	133 33
		de Werf, H. A.	..do	83 33
		Wheeler, H. C.	..do	166 66
		Whiting, A. L.	..do	175 00
		Whitchurch, J. E.	..do	150 00
		Reed, C. O.	..do	133 33
		Morison, A. T.	..do	70 00
		Richey, F. C.	..do	70 00
		Stewart, Robt.	..do	250 00
		Burlison, W. L.	..do	233 33
		Wyatt, F. A.	..do	100 00
		Andrews, J. B.	..do	166 66
		Bull, Sleeter	..do	150 00
		Carmichael, W. J.	..do	141 66
		Detlefsen, J. A.	..do	225 00
		Edmunds, J. L.	..do	233 33
		Grindley, H. S.	..do	333 33
		Harper, Claude	..do	83 33
		Keith, Mary H.	..do	108 33
		Mumford, H. W.	..do	416 66
		Newlin, C. E.	..do	116 66
		Roberts, Elmer	..do	83 33
		Rusk, H. P.	..do	233 33
		Whisenand, J. W.	..do	100 00
		Wilcox, R. H.	..do	100 00
		Coffey, W. C.	..do	291 66
		Snapp, R. R.	..do	141 66
		Augustus, E. K.	..do	83 33
		Slafer, M. E.	..do	83 33
		Ziesenheim, J. R.	..do	50 00
		Kammlade, W. G.	..do	41 66
		Handschin, W. F.	..do	62 50

## INSTRUCTION VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
I 5327 Ctd.	1916 Jan. 13	Gusler, Gilbert.....	Salary.....	\$180 00
		Morkel, W. A.....	do.....	25 00
		Rice, J. B.....	do.....	75 00
		Allen, P. W.....	do.....	83 33
		Fraser, W. J.....	do.....	145 83
		Harding, H. A.....	do.....	416 66
		Hulce, R. S.....	do.....	150 00
		Lang, L. R.....	do.....	200 00
		Nevens, W. B.....	do.....	83 33
		Ruehe, H. A.....	do.....	150 00
		Hepburn, N. W.....	do.....	208 33
		Turner, Frank.....	do.....	83 33
		Yapp, W. W.....	do.....	116 66
		True, L. J.....	do.....	83 33
		Chambers, W. H.....	do.....	37 50
		Kohmann, E. F.....	do.....	166 66
		Gosser, Harold.....	do.....	75 00
		Allison, I. D.....	do.....	150 00
		Brown, H. D.....	do.....	83 33
		Blair, J. C.....	do.....	416 66
		Bole, S. J.....	do.....	150 00
		Colby, A. S.....	do.....	83 33
		Dorner, H. B.....	do.....	250 00
		Durst, C. E.....	do.....	175 00
		Evans, F. N.....	do.....	150 00
		Englis, D. T.....	do.....	60 00
		Gardner, J. J.....	do.....	166 66
		Hecht, August.....	do.....	83 33
		Hutchinson, J. I.....	do.....	116 66
		Lloyd, J. W.....	do.....	145 83
		Miller, Wilhelm.....	do.....	250 00
		Muncie, F. W.....	do.....	125 00
		Peltier, C. L.....	do.....	133 33
		Robinson, C. M.....	do.....	150 00
		Root, R. E.....	do.....	233 33
		Ruth, W. A.....	do.....	83 33
		Smith, F. A. C.....	do.....	150 00
		Watkins, O. S.....	do.....	200 00
		Tilton, L. D.....	do.....	83 33
		Lauterback, E. G.....	do.....	83 33
		Brock, W. S.....	do.....	83 33
		Palmer, W. K.....	do.....	83 33
		Venning, F. L.....	do.....	120 00
		Bevier, Isabel.....	do.....	291 66
		Bunch, Mamie.....	do.....	83 33
		Fleming, Georgia.....	do.....	100 00
		Gray, Cora E.....	do.....	125 00
		Harrison, Florence.....	do.....	125 00
		Parsons, Maud.....	do.....	141 66
		Seymour, Lurene.....	do.....	166 66
		Stanton, Margaret.....	do.....	116 66
		Stevens, Grace.....	do.....	116 66
		Wheeler, Ruth.....	do.....	166 66
		Williams, Anna.....	do.....	100 00
		Percival, Olive.....	do.....	50 00
		Hope, Leona.....	do.....	125 00
		Gray, Gretta.....	do.....	108 33
		Gross, W. F. M.....	do.....	500 00
		Ash, Percy.....	do.....	208 33
		Clark, C. R.....	do.....	183 33
		Provine, L. H.....	do.....	291 66
		Richer, N. C.....	do.....	291 66
		Titcomb, W. C.....	do.....	175 00
		Wells, N. A.....	do.....	208 33
		Fehrenkamp, Winifred.....	do.....	83 33
		Jones, R. T.....	do.....	150 00
		Hekking, W. M.....	do.....	150 00
		Kellogg, J. M.....	do.....	150 00
		Fanning, T. S.....	do.....	120 00
		Wolfe, W. S.....	do.....	120 00
		Burger, C. V.....	do.....	120 00
		Muehlman, R. E.....	do.....	140 00
		Dillenback, L. C.....	do.....	100 00
		Stanton, W. M.....	do.....	120 00
		Williams, A. E.....	do.....	150 00
		Danielson, R. R.....	do.....	100 00
		Hursh, R. K.....	do.....	150 00
		Bleiningner, A. V.....	do.....	500 00

## INSTRUCTION VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
5327 Ctd.	1916 Jan. 13	Radcliffe, B. S.	Salary	\$150 00
		Geiger, C. F.	do	40 00
		Baker, I. O.	do	333 33
		Bowling, B. L.	do	83 33
		Garver, N. B.	do	141 66
		McDaniel, A. E.	do	229 16
		Smith, J. E.	do	150 00
		Wiley, C. C.	do	141 66
		Wilson, W. M.	do	208 33
		Newell, F. H.	do	416 66
		Ellis, C. A.	do	250 00
		Pickels, G. W.	do	150 00
		Raynor, W. H.	do	140 00
		Davis, R. E.	do	140 00
		Sale, C. S.	do	125 00
		Biegler, P. S.	do	183 33
		Brooks, Morgan	do	250 00
		Fisk, I. W.	do	150 00
		James, L. V.	do	150 00
		Paine, E. B.	do	291 66
		Waldo, E. H.	do	166 66
		Moore, C. R.	do	141 66
		Knight, A. R.	do	141 66
		Davis, J. W.	do	140 00
		Miller, H. W.	do	200 00
		Porter, F. M.	do	133 33
		Steward, R. K.	do	166 66
		Jordan, H. H.	do	133 33
		Crane, Rufus.	do	100 00
		Atwell, C. A.	do	100 00
		Murphy, R. E.	do	30 00
		Banks, M. F.	do	80 00
		Benedict, B. W.	do	291 66
		Dent, J. A.	do	150 00
		Fisk, J. A.	do	91 66
		Goodenough, G. A.	do	291 66
		Harding, L. A.	do	291 66
		Leutwiler, O. A.	do	250 00
		Richards, C. R.	do	458 33
		Willard, A. C.	do	225 00
		Waterfall, H. W.	do	160 00
		Frank, Edwin	do	130 00
		Lanham, E. T.	do	120 00
		Kennedy, R. E.	do	150 00
		Radebaugh, G. H.	do	150 00
		Gross, G. A.	do	150 00
		Hogue, J. H.	do	120 00
		De Turk, J. A.	do	130 00
		Duncan, J. M.	do	90 00
		Rebman, P. J.	do	90 00
		McDewell, H. S.	do	130 00
		Godeke, H. F.	do	140 00
		Holbrook, E. A.	do	229 16
		Stoek, H. H.	do	416 66
		Callen, A. C.	do	150 00
		Enger, M. L.	do	208 33
		Fleming, V. R.	do	150 00
		Talbot, A. N.	do	416 66
		Seeley, F. B.	do	166 66
		Boomsliiter, G. P.	do	150 00
		Ensign, N. E.	do	141 66
		Babbitt, H. E.	do	160 00
		Gardner, Harry	do	150 00
		Vallance, Alexander	do	150 00
		Putnam, W. J.	do	130 00
		Noerenberg, C. E.	do	170 00
		Carman, A. P.	do	416 66
		Knipp, C. T.	do	250 00
		Kunz, Jacob	do	229 16
		Schultz, W. F.	do	183 33
		Williams, E. H.	do	150 00
		Watson, F. R.	do	250 00
		Hyslop, W. H.	do	100 00
		Warner, E. H.	do	105 00
		Nathanson, J. E.	do	80 00
		Hill, C. F.	do	75 00
		Fazel, C. S.	do	50 00



## INSTRUCTION VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
I 5327 Ctd.	1916 Jan. 13	Randolph, O. A.....	Salary.....	\$110 00
		Bayley, P. L.....	do.....	50 00
		Karrer, Sebastian.....	do.....	80 00
		Buck, A. M.....	do.....	166 66
		Comstock, A. F.....	do.....	166 66
		Schmidt, E. C.....	do.....	375 00
		Snodgrass, J. M.....	do.....	208 33
		Decker, E. H.....	do.....	291 66
		Gree, Frederick.....	do.....	312 50
		Harker, O. A.....	do.....	333 33
		Hale, W. G.....	do.....	291 66
		Pomeroy, J. N.....	do.....	258 33
		Vernier, C. G.....	do.....	312 50
		Carpenter, C. E.....	do.....	208 33
		Babcock, K. C.....	do.....	458 33
		Lake, E. J.....	do.....	208 33
		Wetmore, Mary M.....	do.....	150 00
		Bradbury, C. E.....	do.....	150 00
		Forbes, G. E.....	do.....	150 00
		Stebbins, Joel.....	do.....	291 66
		Welo, L. A.....	do.....	50 00
		Reed, F. W.....	do.....	140 00
		Hottes, C. F.....	do.....	250 00
		Stevens, F. L.....	do.....	333 33
		Trelease, Wm.....	do.....	416 66
		Hague, Stella M.....	do.....	110 00
		McDougal, W. B.....	do.....	140 00
		Parr, Rosalie.....	do.....	80 00
		Dalby, Nora.....	do.....	60 00
		Quick, B. E.....	do.....	60 00
		Davis, R. L.....	do.....	50 00
		Pickler, W. E.....	do.....	50 00
		Clayberg, H. D.....	do.....	60 00
		Miles, L. E.....	do.....	50 00
		Beach, W. S.....	do.....	50 00
		Waggoner, H. D.....	do.....	60 00
		Young, Esther.....	do.....	50 00
		Kempton, F. E.....	do.....	60 00
		Sperry, J. E.....	do.....	170 00
		Ranner, F. W.....	do.....	120 00
		Grass, C. R.....	do.....	30 00
		Robinson, W. K.....	do.....	60 00
		Balke, C. W.....	do.....	270 83
		Derrick, C. G.....	do.....	191 66
		Noyes, W. A.....	do.....	458 33
		Parr, S. W.....	do.....	166 66
		Smith, G. M.....	do.....	166 66
		Washburn, E. W.....	do.....	291 66
		Weber, H. C. P.....	do.....	166 66
		Beal, G. D.....	do.....	133 33
		Hopkins, B. S.....	do.....	133 33
		MacInnes, D. A.....	do.....	133 33
		MacFarland, D. F.....	do.....	200 00
		Lewis, H. B.....	do.....	183 33
		Broderson, H. J.....	do.....	140 00
		Hecker, C. H.....	do.....	120 00
		Cann, Jessie.....	do.....	120 00
		Olin, H. L.....	do.....	120 00
		Sears, G. W.....	do.....	120 00
		Kamm, Oliver.....	do.....	120 00
		Anders, Paul.....	do.....	130 00
		Kremers, H. C.....	do.....	60 00
		Raes, E. A.....	do.....	60 00
		Charlton, E. E.....	do.....	60 00
		Hess, R. W.....	do.....	60 00
		Rowland, Floyd.....	do.....	50 00
		Gilmore, R. E.....	do.....	60 00
		Braley, S. A.....	do.....	60 00
		Skinner, G. S.....	do.....	50 00
		Vollweiler, E. H.....	do.....	50 00
		Van Winkle, W. A.....	do.....	50 00
		Ford, J. T.....	do.....	50 00
		Footitt, F. W.....	do.....	50 00
		Braham, J. M.....	do.....	50 00
		Owens, A. W.....	do.....	50 00
		Westhafer, T. O.....	do.....	50 00
		Bissell, D. W.....	do.....	50 00
		Davidson, C. N.....	do.....	50 00

## INSTRUCTION VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
I 5327 Ctd.	1916 Jan. 13	Karr, W. G. ....	Salary .....	\$ 50 00
		Shepard, A. D. ....	do .....	55 00
		Portz, H. G. ....	do .....	55 00
		Lee, H. R. ....	do .....	55 00
		Reed, J. R. ....	do .....	50 00
		Okey, Ruth E. ....	do .....	30 00
		Winkelman, H. A. ....	do .....	30 00
		Reyerson, L. A. ....	do .....	30 00
		Beattie, H. J. ....	do .....	30 00
		Ytteman, L. F. ....	do .....	30 00
		Bruce, W. R. ....	do .....	30 00
		Jordan, Louis. ....	do .....	30 00
		Hutford, R. W. ....	do .....	30 00
		Perry, Margaret. ....	do .....	30 00
		Updegraff, Helen. ....	do .....	30 00
		Powell, A. R. ....	do .....	30 00
		Cook, W. O. ....	do .....	10 00
		Morgan, R. W. ....	do .....	10 00
		Wisley, G. A. ....	do .....	10 00
		Landstrom, A. M. ....	do .....	10 00
		Hahn, F. C. ....	do .....	10 00
		Johnson, L. C. ....	do .....	30 00
		Brown, J. B. ....	do .....	30 00
		Weland, H. J. ....	do .....	30 00
		Wells, L. S. ....	do .....	30 00
		van Rosen, Gerard. ....	do .....	120 00
		Oleweine, J. H. ....	do .....	30 00
		Hicks, J. F. C. ....	do .....	30 00
		Zella, Carl. ....	do .....	10 00
		Adler, L. ....	do .....	10 00
		Tippett, R. W. ....	do .....	60 00
		French, H. E. ....	do .....	10 00
		Taylor, B. C. ....	do .....	80 00
		Barton, H. J. ....	do .....	291 00
		Canter, H. V. ....	do .....	225 00
		Moss, C. M. ....	do .....	250 00
		Oldfather, W. A. ....	do .....	250 00
		Pease, A. S. ....	do .....	30 00
		Robinson, R. P. ....	do .....	408 35
		Bagley, W. O. ....	do .....	312 30
		Johnston, G. H. ....	do .....	166 66
		Miller, W. S. ....	do .....	270 85
		Whipple, G. M. ....	do .....	291 00
		Brown, J. O. ....	do .....	50 00
		Berninger, Harlett J. ....	do .....	50 00
		Cobb, Margaret. ....	do .....	179 00
		Baldwin, E. C. ....	do .....	174 66
		Clark, T. A. ....	do .....	270 85
		Fulton, Edw. ....	do .....	179 00
		Jones, H. S. V. ....	do .....	168 35
		Paul, H. G. ....	do .....	208 35
		Scott, F. W. ....	do .....	208 35
		Sherman, S. P. ....	do .....	458 25
		Woodbert, C. H. ....	do .....	168 26
		Zetlin, Jacob. ....	do .....	158 35
		Greek, H. L. ....	do .....	124 66
		Boyer, C. V. ....	do .....	114 66
		Schoepfle, Gertrude. ....	do .....	15 00
		Kyle, Martha. ....	do .....	150 00
		Alden, E. S. ....	do .....	130 00
		Kinakey, Charlssa. ....	do .....	130 00
		Harris, J. H. ....	do .....	130 00
		Tiele, K. E. ....	do .....	130 00
		Jones, B. S. ....	do .....	130 00
		Schultz, W. E. ....	do .....	120 00
		Dowries, C. S. ....	do .....	120 00
		Gregory, Allene. ....	do .....	120 00
		Huswede, S. B. ....	do .....	120 00
		Loomis, R. S. ....	do .....	120 00
		Harberger, Sada A. ....	do .....	100 00
		Keiso, Ruth. ....	do .....	100 00
		Stanley, T. B. ....	do .....	100 00
		Saret, L. B. ....	do .....	120 00
		Dixon, R. E. ....	do .....	120 00
		Beck, G. B. ....	do .....	50 00
		Cruslan, Myrtle. ....	do .....	50 00

## INSTRUCTION VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
I 5327 Ctd.	1916 Jan. 13	Hillebrand, H. M.	Salary	\$150 00
		Thurber, C. N.	do	60 00
		Whitford, R. C.	do	110 00
		Sutcliffe, E. G.	do	110 00
		Harrington, H. F.	do	166 66
		Phelps, J. M.	do	100 00
		Weirick, R. B.	do	120 00
		Copley, Beatrice	do	50 00
		Curli, M. J.	do	140 00
		Folsom, J. W.	do	208 33
		Forbes, S. A.	do	83 33
		MacGillvray, A. D.	do	250 00
		Mosher, Edna	do	100 00
		Hamilton, C. C.	do	30 00
		Glasgow, R. D.	do	140 00
		Bayley, W. S.	do	250 00
		Rolie, C. W.	do	250 00
		Savage, T. E.	do	225 00
		Rich, J. L.	do	170 00
		Ross, C. S.	do	60 00
		DuBois, H. M.	do	60 00
		Read, M. K.	do	50 00
		Van Tuye, F. M.	do	120 00
		Kennedy, L. E.	do	40 00
		Brooks, N. C.	do	208 33
		Flom, G. T.	do	233 33
		Goebel, Julius	do	312 50
		Lessing, O. E.	do	291 66
		Bloomfield, Leonard	do	166 66
		Gillet, J. E.	do	133 33
		Blaisdell, Daisy	do	110 00
		Williams, C. A.	do	150 00
		Koller, A. M.	do	150 00
		Fuckett, H. W.	do	150 00
		Nordmeyer, H. W.	do	130 00
		Kline, E. K.	do	120 00
		Greene, Alexander	do	150 00
		Alvord, C. W.	do	145 83
		Greene, C. B.	do	416 66
		Larson, L. M.	do	266 66
		Lybyer, A. H.	do	233 33
		Robertson, W. S.	do	208 33
		Jones, P. V. B.	do	150 00
		Pease, T. C.	do	125 00
		Cole, A. C.	do	150 00
		Brush, Elizabeth	do	100 00
		Gauger, Joe	do	40 00
		Miller, J. E.	do	60 00
		Borger, R. L.	do	125 00
		Crathorne, A. R.	do	166 66
		Emch, Arnold	do	187 50
		Lytle, E. B.	do	150 00
		Miller, G. A.	do	291 66
		Rietz, H. L.	do	158 33
		Shaw, J. B.	do	250 00
		Sisam, C. H.	do	183 33
		Townsend, E. J.	do	333 33
		Wahlin, G. E.	do	125 00
		Carmichael, R. D.	do	208 33
		Kempner, A. J.	do	133 33
		Denton, W. W.	do	140 00
		Chittenden, E. W.	do	140 00
		Wilson, L. T.	do	120 00
		Smith, G. W.	do	60 00
		Wilson, W. H.	do	60 00
		Borden, Raymond	do	60 00
		Frary, H. D.	do	60 00
		Beekley, I. S.	do	30 00
		Marshall, E. H.	do	60 00
		Roth, Wm. E.	do	60 00
		Green, C. F.	do	30 00
		Bode, B. H.	do	291 66
		Daniels, A. H.	do	333 33
		Shepherd, Queen	do	130 00
		Haessler, Carl	do	100 00
		Burge, W. E.	do	216 66
		Beard, J. H.	do	116 66
		Neill, Alma J.	do	60 00

## INSTRUCTION VOUCHERS—Continued.

No.	Date.	To, whom.	For what.	Amount
I 5327 Ctd.	1916 Jan. 13	Garner, J. W.	Salary	\$333 33
		Mathews, J. M.	do	191 66
		Fairlie, J. A.	do	291 66
		Storey, R. M.	do	180 00
		Cushman, R. E.	do	120 00
		Bently, Madison	do	270 83
		Ruckmich, C. A.	do	150 00
		Rahn, Carl	do	150 00
		Rogers, Sophia	do	110 00
		Wichman, Gerald	do	50 00
		McKenzie, Kenneth	do	333 33
		Carnahan, D. H.	do	225 00
		Fitz, Gerald, J. D. II.	do	250 00
		Oliver, T. E.	do	250 00
		Seymour, A. R.	do	166 66
		Blondheim, D. S.	do	166 66
		Carry, C. S.	do	120 00
		Allen, Louis	do	100 00
		Kessler, James	do	100 00
		Soto, Rafael	do	100 00
		Dawson, E. R.	do	100 00
		Stone, H. K.	do	100 00
		Moore, O. H.	do	141 66
		Shulters, J. R.	do	80 00
		Watson, Jane C.	do	30 00
		Laguardia, C. J. B.	do	100 00
		Hayes, E. C.	do	275 00
		Stevens, J. C.	do	150 00
		Watkins, Gordon	do	50 00
		Kingsley, J. S.	do	291 66
		Smith, Frank	do	250 00
		Ward, H. B.	do	416 66
		Zeleny, Charles	do	250 00
		Shelford, V. E.	do	166 66
		Van Cleave, H. J.	do	140 00
		May, H. G.	do	60 00
		Greene, Bessie	do	60 00
		Conel, Jessie	do	60 00
		Powers, E. B.	do	60 00
		Magath, T. B.	do	35 00
		Higgins, G. M.	do	35 00
		Baumgartner, Rachel	do	35 00
		Heimberger, H. V.	do	60 00
		Kingman, E. H.	do	35 00
		Baldwin, Frances	do	100 00
		Kindred, J. E.	do	30 00
		Paul, Katherine, H.	do	120 00
		Schmidt, Robert	do	75 00
		Bogart, E. L.	do	291 66
		Dewsnup, E. R.	do	250 00
		Litman, Simon	do	208 33
		Robinson, M. H.	do	250 00
		Weston, N. A.	do	270 33
		Hieronymus, R. E.	do	125 00
		Heilman, R. E.	do	216 66
		Thompson, C. M.	do	208 33
		Thompson, J. G.	do	200 00
		Chase, W. A.	do	240 00
		McJohnston, H.	do	200 00
		Dreesen, W. H.	do	60 00
		Stewart, C. L.	do	180 00
		Young, L. E.	do	250 00
		McMillen, G. B.	do	50 00
		Littleton, A. C.	do	150 00
		Seoville, H. T.	do	220 00
		McKenna, E. L.	do	60 00
		Bond, Ethel	do	100 00
		Curtis, Florence	do	141 66
		Reece, E. J.	do	150 00
		Simpson, Frances	do	183 33
		Hill, Fanny W.	do	75 00
		Schwartz, G. F.	do	183 33
		Smith, Mrs. Constance B.	do	166 66
		Erb, J. L.	do	250 00
		Van den Berg, H. J.	do	180 00
		Nasmyth, H. D.	do	170 00
		Morphy, E. W.	do	170 00
		Treat, Edna	do	100 00

## INSTRUCTION VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
I 5327	1916 Jan. 13	Harding, A. A.	Salary	\$ 83 33
I Cld.		Wright, Mabelle	do	100 00
		Johnson, F. T.	do	110 00
		Davis, Bertha	do	100 00
		Day, W. B.	do	208 33
		Snow, C. M.	do	150 00
		Gathercoal, E. E.	do	108 33
		Elcher, B. L.	do	83 33
		Colson, H. W.	do	83 33
		Fantus, Bernard	do	16 66
		Clark, A. H.	do	150 00
I 5328	do.	The Burr Co.	General supplies	\$ 14 75
I 5329	do.	Taylor Hardware Co.	do	3 60
I 5330	do.	Pilon & Rodgers	do	60 25
I 5331	do.	Twin City Ice & Cold Storage Co.	do	10 25
I 5332	do.	Sheldon Brick & Building Supply Co.	Brick	16 00
I 5333	do.	Chester Horseshoeing Shop	Horseshoes	8 00
I 5334	do.	R. R. Snapp	Traveling expenses	6 42
I 5335	do.	Conner & Quayle	General supplies	3 00
I 5336	do.	Potter & Wrightington	Laboratory apparatus	2 75
I 5337	do.	A. E. C. Lathrop	White rats	2 50
I 5338	do.	Peck & Hills Furniture Co.	Laboratory apparatus	18 70
I 5339	do.	Metzler & Schafer Co.	Laboratory supplies	10 75
I 5340	do.	Oldham Brothers	do	2 90
I 5341	do.	E. H. Sargent & Co.	Laboratory supplies	22 90
I 5342	do.	C. E. Durst	Traveling expenses	24 70
I 5343	do.	Harold Pennington	do	10 25
I 5344	do.	The Brookmire Economic Service	Services	10 00
I 5345	do.	Illinois State Reformatory	Printing	11 70
I 5346	do.	Hanson-Bennett Magazine Agency	Books	1,109 25
I 5347	do.	R. R. Donnelley & Sons Co.	Publications	3 35
I 5348	do.	A. S. Nelson & Sons	General supplies	3 00
I 5349	do.	The Perry Pictures Co.	Pictures	16 50
I 5350	do.	The Hardie Mfg. Co.	Machinery	24 00
I 5351	do.	Rogers & Hall Co.	Publications	3 35
I 5352	do.	C. E. Lucas	Services	2 50
I 5353	do.	Central Scientific Co.	Laboratory supplies	1,125 83
I 5354	do.	Emil Borgmann	Books	20 20
I 5355	do.	J. H. Williams & Co.	Gauges	2 98
I 5356	do.	H. I. Carpenter	Piano rent	4 50
I 5357	do.	E. H. Swigert	Tuning piano	24 00
I 5358	do.	The Letter Shop	Typing	10 50
I 5359	do.	V. Mueller & Co.	Apparatus repairs	124 35
I 5360	do.	Marshall Field & Co.	General supplies	11 00
I 5361	do.	Conrad Slide & Projection Co.	Lantern slides	7 60
I 5362	do.	Fairbanks, Morse & Co.	Scale	21 70
I 5363	do.	C. L. Frame Dental Supply Co.	Laboratory supplies	15 30
I 5364	do.	S. S. White Dental Mfg. Co.	Dental apparatus	8 95
I 5365	do.	American Electric Supply Co.	Laboratory apparatus	1 75
I 5366	do.	Sweet Wallach & Co.	Laboratory supplies	1 50
I 5367	do.	A. Dalgger & Co.	Thermometers	16 80
I 5368	do.	B. Login & Son	Books	100 00
I 5369	do.	A. C. Clark & Co.	Laboratory apparatus	8 06
I 5370	do.	University Hospital	Board and room	294 50
I 5371	do.	L. C. Branum	Laundry	3 86
I 5372	do.	Remington Typewriter Co.	Carbon paper	6 00
I 5373	do.	Keystone Type Foundry	Office equipment	2 50
I 5374	do.	Barton Brothers Coal Co.	General supplies	2 68
I 5375	do.	Swift & Co.	Beef hearts	3 25
I 5376	do.	Sears, Roebuck & Co.	Gloves	1 05
I 5377	do.	John Becker	Rabbits	9 00
I 5378	do.	Eimer & Amend	Laboratory supplies	22 43
I 5379	do.	E. H. Sargent & Co.	do	4 20
I 5380	do.	Ffanigan-Pearson Co.	Printing	35 65
I 5381	do.	H. S. Capron, Treasurer	Material furnished from University storeroom	1,168 41
I 5382	do.	H. S. Capron, Treasurer	do	549 62
I 5383	Jan. 14	Elmer DeWitt Brothers	Salary October 1, 1915 to February 1, 1916	100 00
I 5384	do.	R. R. Root	Traveling expenses	82 18
I 5385	do.	E. W. Donoho	Lectures	10 00
I 5386	do.	Twin City Creamery Co.	Food supplies	52 00
I 5387	do.	J. N. York	Laundry	2 73
I 5388	do.	The Arthur H. Thomas Co.	Laboratory supplies	11 10
I 5389	do.	J. E. Yeats Flower Shop	Flowers	12 50
I 5390	do.	Reliable Plumbing & Heating Co.	General supplies	3 51
I 5391	do.	Champaign Steam Laundry	Laundry	4 38
I 5392	do.	Sheldon Brick & Building Supply Co.	Brick	3 00

## INSTRUCTION VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
1916				
I 5393	Jan. 14	Storrs & Harrison Co.	General supplies	\$ 10 50
I 5394	..do.	American Florist Co.	Journal	3 00
I 5395	..do.	Arch Book Publishing Co.	Books	4 05
I 5396	..do.	James H. Greene	Traveling expenses	27 58
I 5397	..do.	Wm. Powell	Field work	22 44
I 5398	..do.	E. E. Hoskins	..do.	25 45
I 5399	..do.	C. H. Besly & Co.	Laboratory supplies	44 09
I 5400	..do.	Earl Garver	Traveling expenses	12 30
I 5401	..do.	H. C. Lawson	..do.	17 71
I 5402	..do.	R. S. Dunham	..do.	14 02
I 5403	..do.	G. S. Beaumont	..do.	8 08
I 5404	..do.	Bertram Abney	..do.	9 46
I 5405	..do.	C. C. Jensen	..do.	2 38
I 5406	..do.	W. T. Crandall	..do.	15 49
I 5407	..do.	M. R. Carlson	..do.	31 47
I 5408	..do.	C. G. Cox	..do.	25 86
I 5409	..do.	J. W. Brant	Incidentals	2 00
I 5410	..do.	N. J. Bartlett & Co.	Books	12 65
I 5411	..do.	W. E. Woldenbrand	..do.	35 00
I 5412	..do.	G. W. Sheldon & Co.	..do.	28 22
I 5413	..do.	The Boston Book Co.	..do.	80 40
I 5414	..do.	T. H. Flood & Co.	..do.	531 93
I 5415	..do.	Kelly & Seurl	..do.	3 00
I 5416	..do.	The Carswell Co.	..do.	6 75
I 5417	..do.	John Byrne & Co.	..do.	6 00
I 5418	..do.	Willett & Gray	..do.	10 00
I 5419	..do.	The University of Illinois Supply Store.	..do.	33 09
I 5420	..do.	The University of Chicago Press	..do.	46 67
I 5421	Jan. 16	The Boston Book Co.	..do.	2 81
I 5422	..do.	The Carswell Co.	..do.	1 80
I 5423	..do.	Louden & Flaningam	Printing	13 50
I 5424	Jan. 18	Jacob Solomon	Salary, January, 1916	50 00
I 5425	..do.	Nicholas Michalovich	..do.	50 00
I 5426	..do.	Edwin J. Johns	..do.	45 00
I 5427	..do.	Peter Drennan	..do.	80 00
I 5428	..do.	Joseph Klena	..do.	60 00
I 5429	..do.	Harry Schultz	..do.	35 00
I 5430	..do.	Florence Rumry	..do.	40 00
I 5431	..do.	James Vaelac	..do.	20 00
I 5432	..do.	Johann Becker	..do.	55 00
I 5433	..do.	William Kerechan	..do.	50 00
I 5434	..do.	C. E. Null	Salary, December, 1915	39 20
I 5435	..do.	Geo. F. Smalley	..do.	44 00
I 5436	..do.	Pay roll	January, 1916	2,035 00
I 5437	..do.	Pay roll	..do.	5,475 48
I 5438	..do.	The Boston Book Co.	Books	30 00
I 5439	..do.	The Carswell Co.	..do.	6 75
I 5440	..do.	C. S. Hook	..do.	14 00
I 5441	..do.	Frank C. Brown	..do.	4 00
I 5442	..do.	L. C. Smith & Bros.	Rent	33 00
I 5443	..do.	The University of Illinois Supply Store.	Books	4 95
I 5444	..do.	A. C. McClurg & Co.	..do.	89 13
I 5445	..do.	G. E. Stecher & Co.	..do.	135 78
I 5446	..do.	T. H. Flood & Co.	..do.	45 61
I 5447	..do.	Hanson-Bennett Magazine Agency	..do.	76 50
I 5448	..do.	The Lawyers Co-operative Publishing Co.	..do.	7 50
I 5449	..do.	Hunter, Rourke & Co.	General supplies	101 65
I 5450	..do.	Champaign Seed Co.	Feed stuff	90 55
I 5451	..do.	Braun-Knecht-Heimann Co.	Laboratory apparatus	17 28
I 5452	..do.	Dallenbach Brothers	Laboratory supplies	2 43
I 5453	..do.	E. H. Sargent & Co.	..do.	316 80
I 5454	..do.	Chas. A. Strolinger Co.	General supplies	13 80
I 5455	..do.	Taylor Hardware Co.	..do.	2 30
I 5456	..do.	The Utilities Bureau	Magazine	5 00
I 5457	..do.	Machinist Supply Co.	General supplies	3 00
I 5458	..do.	F. K. Robeson	Towels	15 45
I 5459	..do.	Urbana Harness Co.	General supplies	23 50
I 5460	..do.	A. A. Hinkley	Field work	19 03
I 5461	..do.	O'Bryne Transfer Storage Co.	Drayage	9 75
I 5462	..do.	Hess Warming & Ventilating Co.	Thermometers	6 13
I 5463	..do.	Eimer & Amend	Laboratory supplies	16 53
I 5464	..do.	E. E. White	Laboratory apparatus	150 00
I 5465	..do.	Central Electric Co.	Electric supplies	14 55
I 5466	..do.	Harry Herlick	General supplies	2 00
I 5467	..do.	Oliver Machinery Co.	..do.	4 60
I 5468	..do.	The New Britain Machine Co.	Apparatus repairs	3 50
I 5469	..do.	Leon D. Tilton	Traveling expenses	4 69
I 5470	..do.	W. S. Brock	..do.	3 09

## INSTRUCTION VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1916			
I 5471	Jan. 18	O. A. Harker.....	Traveling expenses.....	\$ 11 99
I 5472	.do.	Florence Harrison.....	.do.....	2 91
I 5473	.do.	The Creamery Package Mfg. Co.....	Scale.....	21 00
I 5474	.do.	E. A. Eichhorst.....	Harness repairs.....	13 45
I 5475	.do.	Atlantic & Pacific Bird Co.....	Laboratory supplies.....	3 00
I 5476	.do.	C. H. Stoelting Co.....	General supplies.....	5 21
I 5477	.do.	Hibbard, Spencer, Bartlett & Co.....	.do.....	11 55
I 5478	.do.	Flanigan-Pearson Co.....	Printing.....	98 28
I 5479	.do.	Louden & Flaningam.....	.do.....	43 00
I 5480	.do.	M. E. Thompson, Cashier.....	Labor bills.....	232 60
I 5481	.do.	M. E. Thompson, Cashier.....	Sundry bills.....	16 99
I 5482	.do.	M. E. Thompson, Cashier.....	Express bills.....	51 85
I 5483	.do.	M. E. Thompson, Cashier.....	Labor bills.....	414 89
I 5484	.do.	Lena A. Roth.....	Salary, January, 1916.....	50 00
I 5485	Jan. 19	A. W. Douglas.....	Lecture.....	25 00
I 5486	.do.	Dennison Mfg. Co.....	General supplies.....	2 75
I 5487	.do.	P. H. Bates.....	Traveling expenses.....	38 60
I 5488	.do.	National Biscuit Co.....	Food supplies.....	1 68
I 5489	.do.	The Coast Products Co.....	.do.....	32 40
I 5490	.do.	Chas. A. Campbell.....	Traveling expenses.....	99 38
I 5491	.do.	J. W. Smith.....	Field work.....	65 97
I 5492	.do.	Special Libraries Association.....	Books.....	1 25
I 5493	.do.	The Macmillan Co.....	.do.....	15 13
I 5494	.do.	A. C. McClurg & Co.....	.do.....	65 35
I 5495	.do.	G. E. Stechert & Co.....	.do.....	336 92
I 5496	.do.	The University of Illinois Supply Store.....	.do.....	1 80
I 5497	.do.	H. E. Baker.....	.do.....	10 00
I 5498	.do.	A. L. A. Publishing Board.....	.do.....	17 36
I 5499	.do.	Rand, McNally & Co.....	.do.....	6 50
I 5500	.do.	G. W. Felton.....	Live stock.....	575 00
I 5501	.do.	T. J. Reinhart.....	Traveling expenses.....	13 21
I 5502	.do.	H. A. Harding.....	.do.....	16 23
I 5503	.do.	C. H. Besly & Co.....	General supplies.....	6 40
I 5504	.do.	Columbia School Supply Co.....	Blackboard.....	7 35
I 5505	.do.	General Electric Co.....	Electrical supplies.....	9 00
I 5506	.do.	Illinois State Reformatory.....	Printing.....	45 90
I 5507	.do.	The University Press.....	.do.....	1 25
I 5508	.do.	Pay roll.....	January, 1916.....	4,744 15
		Alley, W. E.....	Salary.....	\$100 00
		Barnes, Mary G.....	.do.....	65 00
		Beadles, Jessie R.....	.do.....	65 00
		Brownfield, Lelah H.....	.do.....	50 00
		Buchanan, Harold C.....	.do.....	70 00
		Buckles, Mildred E.....	.do.....	65 00
		Clemence, Hazel.....	.do.....	70 00
		Coogan, Jane.....	.do.....	50 00
		Cover, Hazel W.....	.do.....	65 00
		Craigmile, Jeannette.....	.do.....	50 00
		Crawford, C. C.....	.do.....	70 00
		Custer, Emma.....	.do.....	75 00
		Dalton, C. E.....	.do.....	50 00
		Davis, Vera M.....	.do.....	55 00
		Fieg, Robert J.....	.do.....	50 00
		Garwood, Frances.....	.do.....	60 00
		Garwood, Helen S.....	.do.....	50 00
		Geyer, Helen.....	.do.....	50 00
		Glenn, Eleanor.....	.do.....	55 00
		Goodspeed, W. S.....	.do.....	90 00
		Gordon, Marie.....	.do.....	60 00
		Griffith, Mabel F.....	.do.....	75 00
		Halliday, Mabel.....	.do.....	60 00
		Hamilton, Mrs. Alice.....	.do.....	100 00
		Hammitt, Susan.....	.do.....	50 00
		Harper, Julia.....	.do.....	75 00
		Hathaway, Kenneth.....	.do.....	50 00
		Hayes, Margaret L.....	.do.....	50 00
		Hayes, James Bert.....	.do.....	100 00
		Hayward, Nellie.....	.do.....	60 00
		Heater, Myrtle.....	.do.....	65 00
		Hull, A. H.....	.do.....	70 00
		Jay, Edith L.....	.do.....	55 00
		Lahr, Lawrence D.....	.do.....	60 00
		Leitz, Louise A.....	.do.....	45 00
		Lonius, J. O.....	.do.....	90 00
		Luther, Ida Louise.....	.do.....	50 00
		McGurty, Agnes.....	.do.....	91 68
		McIntire, W. A.....	.do.....	50 00
		McMillen, Mary B.....	.do.....	60 00

## INSTRUCTION VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount
I 5508 Cld.	1916 Jan. 19	Manley, Verna.....	Salary.....	\$ 50 00
		Manspeaker, Lotta M.....	do.....	100 00
		Meachum, Leola.....	do.....	45 00
		Merchant, Donna B.....	do.....	60 00
		Meseck, Rudolph.....	do.....	65 00
		Miller, C. F.....	do.....	100 00
		Mock, Forrest.....	do.....	55 00
		Nagle, Sybil.....	do.....	55 00
		Nyberg, Florence.....	do.....	55 00
		Oliver, Flossie.....	do.....	50 00
		Packard, Bessie.....	do.....	75 00
		Peel, Thomas.....	do.....	65 00
		Pergande, Robert.....	do.....	95 00
		Peters, Helen A.....	do.....	65 00
		Probst, Alice.....	do.....	50 00
		Ressler, Milton.....	do.....	80 00
		Rhoads, Hazel.....	do.....	65 00
		Riggs, Bess.....	do.....	45 00
		Rock, Hazel.....	do.....	55 00
		Rogers, Della M.....	do.....	50 00
		Rohweder, Emma.....	do.....	45 00
		Ross, Anne.....	do.....	55 00
		Scanlan, Mary.....	do.....	70 00
		Slater, Sarah M.....	do.....	65 00
		Smith, Mayme L.....	do.....	70 00
		States, Bertha.....	do.....	55 00
		Taft, Martha.....	do.....	70 00
		Vanderbeek, H. J.....	do.....	75 00
		Vaubel, Daniel.....	do.....	70 00
		Wheeler, H. H.....	do.....	70 00
		Williamson, Paul.....	do.....	83 33
		Winchester, B. L.....	do.....	54 16
		Wynliger, H. T.....	do.....	60 00
		Ellis, E. B.....	do.....	50 00
I 5509	Jan. 20	Ahrens & Schreiner.....	General supplies.....	\$ 1 05
I 5510	do.	Bradner, Smith & Co.....	Office supplies.....	5 50
I 5511	do.	V. Mueller & Co.....	Laboratory apparatus.....	73 55
I 5512	do.	A. Daigger & Co.....	Laboratory supplies.....	31 60
I 5513	do.	Neostyle Co.....	do.....	26 31
I 5514	do.	Physicians' Supply & Drug Co.....	do.....	3 70
I 5515	do.	The Globe-Wernicke Co.....	do.....	14 40
I 5516	do.	A. C. McClurg & Co.....	do.....	1 91
I 5517	do.	Fuller-Morrison Co.....	do.....	6 56
I 5518	do.	Butler Brothers.....	Butter dishes.....	5 88
I 5519	do.	High School Life.....	Advertising.....	8 00
I 5520	do.	E. H. Sargent & Co.....	Laboratory supplies.....	5 00
I 5521	do.	C. L. Frame Dental Supply Co.....	do.....	60 86
I 5522	do.	Keystone Type Foundry.....	Office equipment.....	3 75
I 5523	do.	Thos. J. Dee & Co.....	Laboratory supplies.....	30 75
I 5524	do.	A. Kroch & Co.....	Books.....	54 16
I 5525	do.	Victor Electric Co.....	Electric supplies.....	2 65
I 5526	do.	Chicago Telephone Co.....	Telephone.....	35 92
I 5527	do.	Calumet Laundry Co.....	Laundry.....	9 86
I 5528	do.	A. C. McClurg & Co.....	Books.....	25 81
I 5529	do.	W. Harold Tomlinson.....	General supplies.....	41 23
I 5530	do.	Ward's Natural Science Establishment.....	Museum specimen.....	81 00
I 5531	do.	The Engineering Magazine Co.....	Books.....	3 00
I 5532	do.	H. C. Klett.....	Services.....	15 00
I 5533	do.	J. E. Whitechurch.....	Traveling expenses.....	26 61
I 5534	do.	Alfred Bergren.....	Field work.....	42 60
I 5535	do.	Wm. Fliege.....	do.....	56 08
I 5536	do.	D. H. Lloyd.....	Piano rent.....	25 00
I 5537	do.	C. A. Kiler.....	Shade cloth.....	1 80
I 5538	do.	R. W. Braithwaite.....	Services.....	5 00
I 5539	do.	J. B. Lyon Co.....	Office supplies.....	3 50
I 5540	do.	F. J. Burns & Co.....	Live frogs.....	9 00
I 5541	do.	Journal of the American Institute of Architects (The Octagon).....	Subscription.....	3 00
I 5542	do.	J. M. Hanson-Bennett Magazine Agency.....	Books.....	30 25
I 5543	do.	G. E. Stechert & Co.....	do.....	251 37
I 5544	do.	W. Lewis & Co.....	General supplies.....	22 47
I 5545	do.	Hunter, Rourke & Co.....	Apparatus repairs.....	1 25
I 5546	do.	Carl S. Breese.....	Wages, October 18 to January 3.....	21 00
I 5547	Jan. 21	C. A. Kiler.....	Furniture and fixtures.....	22 50
I 5548	do.	Bireley, Conaway & Co.....	Laboratory supplies.....	2 45
I 5549	do.	The Letter Shop.....	Mimeographing.....	1 70
I 5550	do.	Engineers Society of Western Pa.....	Bulletins.....	6 25
I 5551	do.	The American Architect.....	do.....	4 50



## INSTRUCTION VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1916			
I 5552	Jan. 21	Twin City Ice & Cold Storage Co.	Ice.	\$ 6 00
I 5553	do.	Peck & Hills Furniture Co.	Laboratory apparatus.	56 84
I 5554	do.	Susan B. Walcott.	Services.	30 00
I 5555	do.	M. H. Campbell.	Traveling expenses.	14 04
I 5556	do.	N. W. Hepburn.	do.	7 74
I 5557	do.	Tom McNamara.	Field work.	27 00
I 5558	do.	C. C. Logan.	Traveling expenses.	24 77
I 5559	do.	Wm. Webb.	Field work.	17 25
I 5560	do.	J. B. Andrews.	Traveling expenses.	12 21
I 5561	do.	G. C. Willis.	General supplies.	6 40
I 5562	Jan. 22	J. R. Kelley.	Salary, January, 1916.	65 00
I 5563	do.	C. C. Chapman.	do.	100 00
I 5564	do.	M. D. Rose.	do.	55 00
I 5565	do.	Andrew Tornquist.	do.	75 00
I 5566	do.	Alice Reed.	do.	60 00
I 5567	do.	H. D. McQueen.	do.	55 00
I 5568	do.	M. F. Stivers.	do.	24 19
I 5569	do.	W. M. Woods.	do.	50 00
I 5570	do.	B. H. Dunlap.	do.	70 00
I 5571	do.	L. A. Hunter.	do.	80 00
I 5572	do.	W. L. Bennett.	do.	75 00
I 5573	do.	Harvey R. Richardson.	do.	21 90
I 5574	do.	Donald G. Evans.	do.	12 75
I 5575	do.	Howard G. Osborne.	do.	65 00
I 5576	do.	J. C. Anderson.	do.	70 00
I 5577	do.	Robert W. Stark.	do.	100 00
I 5578	do.	B. F. Pittinger.	Traveling expenses.	6 30
I 5579	do.	Peters Pump Co.	Electric pump.	130 40
I 5580	do.	Vaughan's Seed Store.	General supplies.	6 73
I 5581	do.	Knowlton & Bennett.	Chemicals.	1 40
I 5582	do.	J. M. Hanson-Bennett Magazine Agency.	General supplies.	17 65
I 5583	do.	The Burr Co.	Leather belt.	3 60
I 5584	do.	Keuffel & Esser Co.	Laboratory apparatus.	23 04
I 5585	do.	A. E. C. Lathrop.	Guinea pigs.	12 00
I 5586	do.	Star & Crescent Milling Co.	Animal feed.	270 00
I 5587	do.	Indian Refining Co.	Oil.	4 00
I 5588	do.	G. C. Willis.	Muslin.	3 57
I 5589	do.	D. H. Lloyd.	General supplies.	26 80
I 5590	do.	Lowenstern-Meis Co.	do.	4 47
I 5591	do.	W. Lewis & Co.	do.	5 25
I 5592	do.	S. E. Dillavou.	Mower.	25 00
I 5593	do.	The Pickering Governor Co.	Machine repairs.	10 88
I 5594	do.	Bacon Brothers.	General supplies.	6 65
I 5595	do.	Angle Steel Stool Co.	Laboratory apparatus.	9 00
I 5596	do.	First National Bank (Wm. Wesley & Son).	Books.	15 60
I 5597	do.	First National Bank (Edw. Bakers Great Book Shop).	do.	25 88
I 5598	do.	First National Bank (R. Atkinson).	do.	11 13
I 5599	do.	First National Bank (Thomas Baker).	do.	26 10
I 5600	do.	Twin City Printing Co.	Printing.	2 40
I 5601	Jan. 24	D. H. Lloyd.	General supplies.	3 14
I 5602	do.	Leavitt Mfg. Co.	do.	19 75
I 5603	do.	G. C. Willis.	Laboratory supplies.	29 42
I 5604	do.	Thomas Nelson & Sons.	Books.	1 00
I 5605	do.	F. W. Woolworth Co.	Laboratory supplies.	1 25
I 5606	do.	The Daily Illini.	Incidentals.	1 60
I 5607	do.	Montgomery Ward & Co.	Laboratory supplies.	9 12
I 5608	do.	H. B. Ingalls.	Salary, January, 1916.	32 50
I 5609	do.	Florence Churton.	do.	40 00
I 5610	do.	Florence Stoutzenberg.	do.	30 00
I 5611	do.	R. D. Zeitler.	do.	50 00
I 5612	do.	Elizabeth Collom.	do.	35 00
I 5613	do.	Mrs. May Kramer.	Wages, January, 1916.	50 00
I 5614	do.	Mrs. Louise Redman.	do.	60 00
I 5615	do.	Mrs. Lizzie Shue.	do.	40 00
I 5616	do.	Mrs. A. D. Horn.	do.	35 00
I 5617	do.	C. F. Harding.	do.	34 62
I 5618	do.	Carl Adams.	do.	52 00
I 5619	do.	J. E. Morgan.	do.	10 00
I 5620	do.	Lavina Dille.	do.	60 00
I 5621	Jan. 25	M. E. Thompson Cashier.	Sundry bills.	65 92
I 5622	do.	M. E. Thompson Cashier.	Labor bills.	292 96
I 5623	do.	M. E. Thompson Cashier.	do.	220 72
I 5624	do.	L. M. Wakley.	Salary, January, 1916.	70 00
I 5625	do.	H. A. Cate.	do.	70 00
I 5626	do.	Earl Garver.	do.	65 00
I 5627	do.	C. F. Goodman.	do.	52 00

## INSTRUCTION VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
1916				
I 5628	Jan. 25	C. C. Johnson	Salary, January, 1916	\$ 60 00
I 5629	do.	L. W. Colton	do	60 00
I 5630	do.	Bertram Abney	do	60 00
I 5631	do.	J. D. Fuller	do	55 00
I 5632	do.	G. S. Beaumont	do	60 00
I 5633	do.	R. S. Dunham	do	60 00
I 5634	do.	M. R. Carlson	do	60 00
I 5635	do.	H. C. Lawson	do	60 00
I 5636	do.	I. J. Reinhart	do	60 00
I 5637	do.	Ralph Engle	do	30 00
I 5638	do.	Lloyd R. Caldwell	do	50 00
I 5639	do.	T. H. Lloyd	do	50 00
I 5640	do.	W. W. Wilson	do	50 00
I 5641	do.	J. F. Romine	do	31 45
I 5642	do.	Albert Bradford	do	60 00
I 5643	do.	J. S. Whitmire	do	60 00
I 5644	do.	A. S. Stoneburner	do	50 00
I 5645	do.	Charles Pollard	do	50 00
I 5646	do.	Ralph Chaplin	do	50 00
I 5647	do.	D. C. Sprinkle	do	50 00
I 5648	do.	H. C. Woodworth	do	55 00
I 5649	do.	Lucy Lowe	do	45 00
I 5650	do.	W. L. Harry	do	100 00
I 5651	do.	Harry Pritchard	do	70 00
I 5652	do.	Ralph Prichard	do	65 00
I 5653	do.	Emmett Brentlinger	do	55 00
I 5654	do.	Edd Taylor	do	50 00
I 5655	do.	Lawrence Nesbit	do	55 00
I 5656	do.	Lulu Meyers	do	50 00
I 5657	do.	George Bote	do	85 00
I 5658	do.	John Flocken	do	65 00
I 5659	do.	Earl Meenach	do	70 00
I 5660	do.	J. E. Murdock	do	65 00
I 5661	do.	H. B. Deets	do	70 00
I 5662	do.	R. W. Traxler	do	50 00
I 5663	do.	S. B. Hamilton	do	50 00
I 5664	do.	Clyde Hamlin	do	60 00
I 5665	do.	John Palfrey	do	75 00
I 5666	do.	Elmer Jenkins	do	60 00
I 5667	do.	A. C. Peterson	do	55 00
I 5668	do.	C. L. Albee	do	45 00
I 5669	do.	J. E. Morgan	do	40 00
I 5670	do.	C. E. Nay	do	50 00
I 5671	do.	Fred Pine	do	80 00
I 5672	do.	Frank Sanders	do	50 00
I 5673	do.	J. F. Smith	do	75 00
I 5674	do.	Charles H. Wheatecraft	do	50 00
I 5675	do.	H. Williamson	do	50 00
I 5676	do.	Hosy Kirby	do	60 00
I 5677	do.	Roy Argo	do	20 00
I 5678	do.	Lucy M. Barto	do	55 00
I 5679	do.	D. T. Brooks	do	60 00
I 5680	do.	Jasper Dillon	do	47 50
I 5681	do.	Ralph Eaton	do	50 00
I 5682	do.	Joseph Edwards	do	80 00
I 5683	do.	W. J. Engle	do	25 00
I 5684	do.	Lawrence Engle	do	36 77
I 5685	do.	R. C. Geisel	do	75 00
I 5686	do.	W. J. Hampton	do	75 00
I 5687	do.	W. C. Jones	do	20 58
I 5688	do.	E. H. Sargent & Co.	Laboratory supplies	1 40
I 5689	do.	A. S. Nelson & Sons	do	15 50
I 5690	do.	The Diem & Wing Paper Co.	General supplies	25 00
I 5691	do.	Twin City Ice & Cold Storage Co.	Ice	14 00
I 5692	do.	Warner-Jenkinson Co.	Extracts	9 02
I 5693	do.	Creamery Package Mfg. Co.	Machine repairs	4 50
I 5694	do.	Standard Cap & Seal Co.	Rent	85 00
I 5695	do.	C. A. Kiler	Furniture and fixtures	2 50
I 5696	do.	A. E. Wuesteman	Office equipment	2 00
I 5697	do.	L. C. Smith & Bros.	Platen roll	6 25
I 5698	do.	Louis Ely & Co.	Apparatus repairs	20 25
I 5699	do.	Weil Brothers	Water tank	33 55
I 5700	do.	The Howe Scale Co. of Illinois	Scale	6 00
I 5701	do.	American Milling Co.	Feed stuff	5 63
I 5702	do.	White Line Laundry	Laundry	5 00
I 5703	do.	The American Guernsey Cattle Club	Sundries	650 00
I 5704	do.	Chapin & Co.	Feed stuff	20 50
I 5705	do.	E. A. Eichhorst	General supplies	

## INSTRUCTION VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
1916				
I 5706	Jan. 25	Taylor Hardware Co.	General supplies	\$ 17 60
I 5707	.do.	Eisner Grocery Co.	.do	8 65
I 5708	.do.	Watson Faulkner	Chemicals.	2 70
I 5709	.do.	Library Bureau	Trays.	8 70
I 5710	.do.	Pilon & Rodgers	Incidentals.	4 50
I 5711	.do.	Eugene Dietzgen Co.	General supplies	1 82
I 5712	.do.	Arthur T. Boddington Co.	.do	2 25
I 5713	.do.	Oldham Brothers	.do	3 75
I 5714	.do.	R. R. Donnelley & Sons Co.	Laboratory supplies	6 00
I 5715	.do.	General Electric Co.	Electrical supplies	11 39
I 5716	.do.	Clause Vaughn	Field work	4 91
I 5717	.do.	Eisner Grocery Co.	Salt.	1 40
I 5718	.do.	The Weis Mfg. Co.	Office equipment	11 40
I 5719	.do.	Woldenberg & Schaar	General supplies	52 64
I 5720	.do.	W. C. Coffey	Traveling expenses	26 85
I 5721	.do.	Joseph R. Fulkerson	.do	11 03
I 5722	.do.	R. H. Wilcox	.do	19 75
I 5723	.do.	Morris & Co.	Tank	90 00
I 5724	.do.	The Cleveland Grain Co.	Yellow corn.	701 46
I 5725	.do.	Harris-Dillavou & Co.	Coal	17 50
I 5726	.do.	American Aberdeen-Angus Breeders' Association.	Sundries	5 00
I 5727	.do.	Fairbanks, Morse & Co.	Scale	53 50
I 5728	.do.	Bausch & Lomb Optical Co.	Camera lucida	15 30
I 5729	.do.	Central Electric Co.	Testing clips	3 81
I 5730	.do.	Westinghouse Electric & Mfg. Co.	Electrical supplies	90 98
I 5731	.do.	Electric Appliance Co.	Fuse plugs	11 00
I 5732	.do.	C. H. Besly & Co.	Brass rods	1 76
I 5733	.do.	L. A. Harding	Traveling expenses	22 39
I 5734	.do.	George E. Martin	.do	6 20
I 5735	.do.	A. R. Hirst	.do	21 33
I 5736	.do.	R. R. Root	.do	14 04
I 5737	.do.	American Scandinavian Foundation	Incidentals	1 50
I 5738	.do.	John Wiley & Sons	Books.	3 20
I 5739	.do.	University of Illinois Supply Store	.do	1 35
I 5740	.do.	Longmans, Green & Co.	Atlas	1 50
I 5741	.do.	G. P. Putman's Sons	Books.	1 35
I 5742	.do.	W. W. Blake	.do	31 00
I 5743	.do.	Paul Gottschalk, Antiquar.	.do	4 45
I 5744	.do.	Marshall Field & Co.	Bolting cloth.	1 36
I 5745	.do.	J. M. Smith	Laboratory supplies	9 00
I 5746	.do.	W. Lewis & Co.	General supplies	1 40
I 5747	.do.	Edgar J. Banks	Museum specimens	115 00
I 5748	.do.	Illinois State Reformatory	Printing	30 95
I 5749	.do.	J. W. Butler Paper Co.	.do	14 36
I 5750	.do.	Twin City Printing Co.	.do	2 00
I 5751	Jan. 26	H. S. Capron, Treasurer	Material furnished from University storeroom.	285 26
I 5752	Jan. 27	H. S. Capron, Treasurer	.do	1,050 56
I 5753	.do.	Marshall Field & Co.	Museum specimen.	120 97
I 5754	.do.	W. W. Wilson	Traveling expenses	21 89
I 5755	.do.	W. H. Smith	.do	9 15
I 5756	.do.	James H. Greene	.do	48 51
I 5757	.do.	Urbana Courier Co.	Advertising	1 20
I 5758	.do.	G. C. Willis	Muslin	4 20
I 5759	.do.	Chicago Fire Proof Storage Warehouse	Storage	3 00
I 5760	.do.	E. Bartholomew	Books	12 20
I 5761	.do.	Swartz Electric Shop	Sockets	5 00
I 5762	.do.	E. H. Sargent & Co.	Laboratory supplies	37 29
I 5763	.do.	Marie Freeman	Salary, January, 1916	50 00
I 5764	.do.	Twin City Printing Co.	Printing	4 00
I 5765	.do.	Illinois State Reformatory	.do	18 50
I 5766	Jan. 28	Central Scientific Co.	Laboratory apparatus	313 84
I 5767	.do.	A. Daigger & Co.	Laboratory supplies	9 22
I 5768	.do.	Ahrens & Schreiner	.do	44 45
I 5769	.do.	Western Lumber Co.	Pine	29 72
I 5770	.do.	Kasen's Express & Van Co.	Express	14 30
I 5771	.do.	Keystone Type Foundry	Office equipment	17 63
I 5772	.do.	Bradner, Smith & Co.	Office supplies	54 56
I 5773	.do.	A. C. McClurg & Co.	Laboratory supplies	14 23
I 5774	.do.	Heath & Milligan Mfg. Co.	.do	17 15
I 5775	.do.	John Becker	Rabbits and pigs	24 00
I 5776	.do.	V. Mueller & Co.	Laboratory supplies	672 85
I 5777	.do.	Fuller-Morrison Co.	.do	23 37
I 5778	.do.	Barron Bros. Coal Co.	Animal feed	4 64
I 5779	.do.	Huntley Dairy Co.	Milk	3 10
I 5780	.do.	E. J. Warnick	Laboratory apparatus	14 00
I 5781	.do.	General Electric Co.	Motor	17 80

## INSTRUCTION VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
1916				
I 5782	Jan. 28	Eimer & Amend	Laboratory supplies	\$374 06
I 5783	do.	C. L. Frame Dental Supply Co.	do.	55 75
I 5784	do.	The Paper Mills Co.	General supplies	28 55
I 5785	do.	Bausch & Lomb Optical Co.	Laboratory apparatus	221 85
I 5786	do.	C. R. Millin	General supplies	2 00
I 5787	do.	Ella R. Michaels	Canvas coats	9 00
I 5788	do.	H. K. Hulford Co.	Laboratory supplies	26 20
I 5789	do.	Conrad Slide & Projection Co.	Lantern slides	8 80
I 5790	do.	Calumet Laundry Co.	Laundry	61 33
I 5791	do.	Chicago Towel Co.	Sundries	66 59
I 5792	do.	Machinists' Supply Co.	Cast iron	5 50
I 5793	do.	Feek & Hills Furniture Co.	Desk	12 75
I 5794	do.	C. H. Besly & Co.	Soft copper	2 19
I 5795	do.	Arthur Ochs	Rabbits and pigs	69 00
I 5796	do.	G. D. Beal	Traveling expenses	1 45
I 5797	do.	H. J. Broderson	do.	1 50
I 5798	do.	S. C. Taylor	do.	1 40
I 5799	do.	D. F. McFarland	do.	1 70
I 5800	do.	F. C. Jorgeson & Co.	Case and table	55 00
I 5801	do.	C. C. Logan	Traveling expenses	7 45
I 5802	do.	Homer F. Staley	do.	44 00
I 5803	do.	E. E. Hoskins	do.	22 30
I 5804	do.	W. R. Garrett	Field work	29 50
I 5805	do.	J. L. Edmonds	Traveling expenses	6 50
I 5806	do.	T. H. MacDonald	do.	38 09
I 5807	do.	T. R. Agg	do.	35 59
I 5808	do.	The Prest-O-Lite Co.	Laboratory supplies	6 04
I 5809	do.	J. T. Ryerson & Son	do.	22 23
I 5810	do.	J. H. Williams & Co.	Apparatus repairs	4 38
I 5811	do.	The Chicago Screw Co.	Screws	4 67
I 5812	do.	Superior Oxygen Co. of Missouri	Oxygen	5 10
I 5813	do.	Twin City Roofing Co.	Apparatus repairs	16 00
I 5814	do.	Detroit Twist Drill	Speed drills	6 34
I 5815	do.	Bacon Brothers	Paint	11 25
I 5816	do.	Chas. A. Strelinger Co.	Spring steel	3 30
I 5817	do.	A. L. Moody	Wages, January, 1916	55 00
I 5818	do.	P. S. Campbell	Printing	1 00
I 5819	do.	E. H. Sargent & Co.	Laboratory supplies	11 83
I 5820	do.	Indian Refining Co.	General supplies	6 37
I 5821	do.	W. Lewis & Co.	Sheeting	11 55
I 5822	do.	Maher & Grosh Cutlery Co.	Shears	16 00
I 5823	do.	The Chicago Packer	Subscription	1 00
I 5824	do.	Lloyd R. Caldwell	Traveling expenses	29 18
I 5825	do.	Peoples Gas Light & Coke Co.	Lighting	45 86
I 5826	do.	Pilon & Rodgers	General supplies	3 00
I 5827	do.	Twin City Roofing Co.	do.	1 00
I 5828	do.	C. J. Tagliabue Mfg. Co.	do.	27 32
I 5829	do.	Standard Oil	Oil	34 04
I 5830	do.	Taylor Hardware Co.	General supplies	4 75
I 5831	do.	Eimer & Amend	Laboratory supplies	190 31
I 5832	do.	R. C. Wagner & Son	Coke	9 75
I 5833	do.	F. K. Robeson	Laboratory supplies	167 50
I 5834	do.	Goldschmidt Thermit Co.	do.	14 00
I 5835	do.	Joseph Dixon Crucible Co.	Crucibles	19 20
I 5836	do.	G. R. Grubb & Co.	Half-tones	5 25
I 5837	do.	Eisner Grocery Co.	Laboratory supplies	2 64
I 5838	do.	Corbin Cabinet Lock Co.	Keys	24 18
I 4839	do.	Twin City Ice & Storage Co.	Ice	24 00
I 5840	do.	Bacon Brothers	Glass	20 00
I 5841	do.	Clapp-Eastham Co.	Apparatus repairs	1 70
I 5842	do.	Commonwealth Edison Co.	Electric current	334 98
I 5843	do.	Sefton Mfg. Co.	General supplies	26 78
I 5844	do.	Dayton Fruit Tree Label Co.	Labels	23 90
I 5845	do.	J. W. Rinesmith	Salary, December, 1915	45 83
I 5846	do.	Flanigan-Pearson Co.	Printing	3 00
I 5847	do.	Illinois State Reformatory	do.	13 75
I 5848	Jan. 29	Editor and Publisher	Subscription	2 00
I 5849	do.	Herbert W. Mumford	Traveling expenses	5 90
I 5850	do.	The Fourth Estate	Books	5 00
I 5851	do.	John Davis	do.	8 40
I 5852	do.	Fred Pine	Traveling expenses	36 25
I 5853	do.	Pilon & Rodgers	General supplies	27 50
I 5854	Jan. 31	H. S. Capron, Treasurer	Material furnished from University storeroom	104 55
I 5855	do.	H. S. Capron, Treasurer	do.	203 88
I 5856	do.	Fred H. Rankin	Traveling expenses	52 12
I 5857	do.	American Steel & Wire Co.	General supplies	1 76
I 5858	do.	Eureka Mfg. Co.	do.	3 33

## INSTRUCTION VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
1916				
I 5859	Jan. 31	The A. H. Andrews Co.	Slating.	\$ 1 25
I 5860	do.	S. W. Card Mfg. Co.	General supplies.	1 67
I 5861	do.	Standard Oil Co.	Oil.	2 05
I 5862	do.	Central Scientific Co.	Thermometers.	24 50
I 5863	do.	The Alexander Lumber Co.	Poplar.	2 15
I 5864	do.	The Coal Trade Journal.	Subscription.	5 00
I 5865	do.	Elmer & Amend.	Laboratory supplies.	92 91
I 5866	do.	Ira O. Baker.	Seed corn.	39 12
I 5867	do.	Lager & Hurrell.	General supplies.	43 00
I 5868	do.	D. T. Dobbins.	Feed stuff.	2 05
I 5869	do.	T. H. Craig.	Big Ben clock.	2 50
I 5870	do.	Russell Arbuckle.	Wheat straw.	103 95
I 5871	do.	John Reichard.	White oats.	199 07
I 5872	do.	Eisner Grocery Co.	Salt.	4 20
I 5873	do.	Harris-Dillavou Co.	General supplies.	15 00
I 5874	do.	The American Florist Co.	Subscription.	1 00
I 5875	do.	A. S. Nelson & Sons.	General supplies.	2 30
I 5876	do.	D. H. Lloyde.	do.	2 74
I 5877	do.	E. W. Sampson.	Storage.	17 85
I 5878	do.	C. Hasler.	General supplies.	14 20
I 5879	do.	Olney Milling Co.	Animal feed.	27 35
I 5880	do.	The H. W. Wilson Co.	Books.	75 00
I 5881	do.	Edward Pennock.	Laboratory supplies.	86 55
I 5882	do.	McIntosh Stereopticon Co.	Laboratory apparatus.	5 40
I 5883	do.	The University Press.	Printing.	14 00
I 5884	do.	Planigan-Pearson Co.	do.	64 75
I 5885	Feb. 1	Earl Harrington.	Wages, January, 1916.	60 00
I 5886	do.	Louise Bennett.	do.	43 75
I 5887	do.	Ulrico Hoepf.	Books.	65 10
I 5888	Feb. 2	D. J. Davis.	Traveling expenses.	7 39
I 5889	do.	A. C. Eycleshymer.	do.	7 44
I 5890	do.	Chas. M. Thompson.	do.	7 00
I 5891	do.	James H. Greene.	do.	17 87
I 5892	do.	F. W. Muncie.	do.	13 85
I 5893	do.	Geo. L. Peltier.	do.	13 90
I 5894	do.	Susan B. Walcott.	Services.	30 00
I 5895	do.	C. F. Baker.	do.	89 31
I 5896	do.	E. M. Livingston.	do.	21 00
I 5897	do.	Jennie C. Barlow.	do.	60 00
I 5898	do.	Naomi Newburn.	do.	35 00
I 5899	do.	Inman Hotel.	Hotel bill for Mrs. T. Vernetto	
			Morse, January 17-21.	18 70
I 5900	do.	T. Vernetto Morse.	Services.	131 69
I 5901	do.	E. W. Donoho.	do.	61 89
I 5902	Feb. 3	Paul Arndt.	Wages, January, 1916.	10 00
I 5903	do.	S. R. Farah.	do.	35 20
I 5904	do.	R. E. McDowell.	do.	2 40
I 5905	do.	R. M. Strickland.	do.	12 80
I 5906	do.	Guy B. Reno.	do.	13 00
I 5907	do.	Walter T. Day.	do.	13 80
I 5908	do.	Sherman Morgan.	do.	5 80
I 5909	do.	William Harris.	do.	13 80
I 5910	do.	Ralph Kenshalo.	do.	12 00
I 5911	do.	Elliott Billman.	do.	9 30
I 5912	do.	R. H. Freark.	do.	3 80
I 5913	do.	Lloyd B. Dickey.	do.	35 50
I 5914	do.	Bayard T. Klotzsche.	do.	35 00
I 5915	do.	Berthier Fairbanks.	do.	27 40
I 5916	do.	H. C. Lawson.	do.	60 00
I 5917	do.	G. H. Dungan.	do.	22 75
I 5918	do.	E. F. Murphy.	do.	16 05
I 5919	do.	P. T. Troeger.	do.	11 75
I 5920	do.	H. R. Stanford.	do.	83 33
I 5921	do.	Agnes A. Wagner.	Salary, January, 1916.	40 00
I 5922	Feb. 5	E. S. Axline.	do.	29 63
I 5923	do.	H. C. Eckstein.	do.	75 00
I 5924	do.	W. F. Campbell.	do.	22 24
I 5925	do.	H. A. Shonle.	do.	25 88
I 5926	do.	D. J. Campbell.	do.	7 05
I 5927	do.	W. H. Eichhorn.	do.	1 30
I 5928	do.	E. E. Elliott.	do.	14 30
I 5929	do.	H. S. Hinrichs.	do.	3 90
I 5930	do.	W. T. Martin.	do.	26 80
I 5931	do.	L. L. Hunt.	do.	4 75
I 5932	do.	G. A. Cross.	do.	6 60
I 5933	do.	Arthur Semple.	do.	20 70
I 5934	do.	K. E. Geisendorfer.	do.	26 80
I 5935	do.	F. Louret.	do.	35 80

## INSTRUCTION VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
I 5936	1916 Feb. 5	F. Stewart	Salary, January, 1916	\$ 23 60
I 5937	do.	Roy Johnson	do.	30 55
I 5938	do.	E. G. Johnson	do.	40 40
I 5939	do.	H. N. Felton	do.	10 00
I 5940	do.	L. E. Voorhees	do.	13 25
I 5941	do.	C. S. Breese	do.	19 75
I 5942	do.	Reuben W. Peterson	do.	9 00
I 5943	do.	H. O. Siegmund	do.	5 10
I 5944	do.	A. P. Holt	do.	46 00
I 5945	do.	Arthur Barker	Wages, January, 1916	26 35
I 5946	do.	R. F. Harvey	do.	25 90
I 5947	do.	W. R. Jones	do.	36 55
I 5948	do.	Floyd Keepers	do.	26 20
I 5949	do.	Lloyd Keepers	do.	25 95
I 5950	do.	J. L. Munson	do.	27 15
I 5951	do.	J. M. Oxman	do.	3 15
I 5952	do.	Stanley Wilkins	do.	23 60
I 5953	do.	Wesley G. Wagner	do.	4 50
I 5954	do.	C. E. Null	do.	44 25
I 5955	do.	G. F. Smalley	do.	20 80
I 5956	do.	W. T. Marsh	do.	50 00
I 5957	do.	A. L. Shriver	do.	51 48
I 5958	do.	M. E. Thompson, Cashier	Labor bills	30 00
I 5959	do.	M. E. Thompson, Cashier	do.	107 82
I 5960	do.	M. E. Thompson, Cashier	do.	291 23
I 5961	do.	M. E. Thompson, Cashier	Sundry bills	17 16
I 5962	do.	M. E. Thompson, Cashier	Express bills	66 94
I 5963	Feb. 7	H. P. Kelley	Wages, January, 1916	14 75
I 5964	do.	Frank Leggett	do.	20 70
I 5965	do.	American Genetic Association	Journal	1 25
I 5966	do.	Alumni Association, University of Illinois	Advertising	3 35
I 5967	do.	McKey & Poague	Rent	500 00
I 5968	do.	Birmingham Seaman Co.	General supplies	7 00
I 5969	do.	High School Life	Advertising	5 00
I 5970	do.	Eisner Grocery Co.	Laboratory supplies	9 10
I 5971	do.	Woldenberg & Schaar	do.	345 63
I 5972	do.	Eimer & Amend	do.	113 39
I 5973	do.	Central Scientific Co.	do.	84 91
I 5974	do.	Supplee-Biddle Hardware Co.	do.	18 28
I 5975	do.	The Dow Chemical Co.	do.	14 00
I 5976	do.	General Chemical Co.	do.	61 76
I 5977	do.	Crane Co.	Metal tubing	4 50
I 5978	do.	Corbin Cabinet Lock Co.	Keys	1 43
I 5979	do.	Weston Electric Instrument Co.	Laboratory apparatus	2 85
I 5980	do.	Charles Mollet	Copper tank	125 00
I 5981	do.	Champaign Steam Laundry	Laundry	18 71
I 5982	do.	The Champaign Bottling Works	Laboratory supplies	9 50
I 5983	do.	The National Cash Register Co.	Cash register	155 00
I 5984	do.	The Coast Products Co.	Food supplies	6 35
I 5985	do.	Swift & Co.	Laboratory supplies	50 40
I 5986	do.	Jaburg Brothers	Laboratory equipment	270 00
I 5987	do.	C. B. Harrop	Traveling expenses	34 20
I 5988	do.	John H. Steiner	Services	1 50
I 5989	do.	E. H. Sargent & Co.	Laboratory supplies	7 27
I 5990	do.	Leavitt Mfg. Co.	Laboratory apparatus	4 00
I 5991	do.	B. F. Stevenson & Son	do.	1 25
I 5992	do.	O'Byrne Transfer & Storage Co.	Dryage	3 00
I 5993	do.	Barnhart Brothers	Pictures framed	2 35
I 5994	do.	Dennison Mfg. Co.	Laboratory supplies	3 50
I 5995	do.	Royal A. Stipes	Sand	3 00
I 5996	do.	The Alexander Lumber Co.	Lathes	2 55
I 5997	do.	The Ismert-Hincke Milling Co.	Wheat bran	360 00
I 5998	do.	John Reichard	White oats	127 87
I 5999	do.	Ideal Electric Co.	Flashlight	1 50
I 6000	do.	Alf Dartt	Field work	10 30
I 6001	do.	Hiram H. Wheeler	Charts	2 40
I 6002	do.	P. L. Colvin	Hay	26 40
I 6003	do.	E. E. Hoskins	Traveling expenses	8 64
I 6004	do.	John C. Hoof & Co.	General supplies	65 97
I 6005	do.	Oldham Brothers	do.	5 45
I 6006	do.	Taylor Hardware Co.	do.	12 20
I 6007	do.	L. C. Smith & Bros.	Platen roll	2 00
I 6008	do.	Wheaton College Record	Advertising	3 00
I 6009	do.	D. H. Lloyd	Laboratory supplies	17 69
I 6010	do.	Peck & Hills Furniture Co.	Office equipment	47 19
I 6011	do.	B. E. Spalding	Laboratory supplies	2 70
I 6012	do.	Whitall Tatum Co.	Flint	17 12
I 6013	do.	The Gazette	Advertising	1 60

## INSTRUCTION VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1916			
I 6014	Feb. 7	P. P. Caproni & Bro.	Museum specimen.	\$ 43 74
I 6015	do.	Twin City Ice & Cold Storage Co.	Ice.	4 00
I 6016	do.	J. Horace McFarland.	Laboratory apparatus.	68 90
I 6017	do.	Tuttle, Morehouse & Taylor Co.	General supplies.	13 34
I 6018	do.	The Arthur H. Thomas Co.	Laboratory supplies.	2 19
I 6019	do.	M. E. Thompson, Cashier.	Labor bills.	54 05
I 6020	do.	M. E. Thompson, Cashier.	do.	302 66
I 6021	Feb. 8	E. Harrington.	Curtains.	5 38
I 6022	do.	Calumet Laundry Co.	Laundry.	63 50
I 6023	do.	Wappler Electric Mfg. Co.	Galv. battery.	40 00
I 6024	do.	The Globe-Wernicke Co.	Office equipment.	1 96
I 6025	do.	Conrad Slide & Projection Co.	Lantern slides.	4 80
I 6026	do.	Fuller-Morrisson & Co.	Laboratory supplies.	53 46
I 6027	do.	Thomas J. Dee & Co.	do.	378 73
I 6028	do.	S. S. White Dental Mfg. Co.	Plaster.	1 20
I 6029	do.	American Electric Supply Co.	Fuse plugs.	1 02
I 6030	do.	Hamblin Plumbing Co.	Plumbing.	1 25
I 6031	do.	Rexereen Co.	Floor oil.	10 00
I 6032	do.	Western Lumber Co.	Cove moulding.	2 10
I 6033	do.	Siegel Cooper & Co.	Coats.	26 75
I 6034	do.	The Peoples Gas Light & Coke Co.	Electric current.	51 80
I 6035	do.	S. Carlson.	General supplies.	2 00
I 6036	do.	F. J. Burns & Co.	Laboratory supplies.	15 70
I 6037	do.	Pittsburgh Plate Glass Co.	Glass.	5 25
I 6038	do.	Cosmos Electric Construction Co.	Electrical repairs.	11 00
I 6039	do.	Jewell Belting Co.	Oak cord.	1 50
I 6040	do.	John Becker.	Laboratory supplies.	12 90
I 6041	do.	Royal Typewriter Co.	Typewriter.	50 00
I 6042	do.	Chicago Watchman's Clock Works.	Clock dials.	1 55
I 6043	do.	Jacobs & Holmes.	Binding.	6 60
I 6044	do.	G. E. Stechert & Co.	Books.	315 00
I 6045	do.	B. Login & Son.	do.	145 00
I 6046	do.	J. M. Hanson-Bennett Magazine Agency.	do.	54 45
I 6047	do.	A. Kroch & Co.	do.	10 00
I 6048	do.	Chicago Telephone Co.	Telephone.	48 96
I 6049	do.	Barron Bros. Coal Co.	Animal feed.	2 71
I 6050	do.	Swift & Co.	Beef hearts.	3 63
I 6051	do.	Ahrens & Schreiner.	Animal feed.	4 29
I 6052	do.	John Becker.	Rabbits.	9 00
I 6053	do.	A. Daigler & Co.	Glass tubing.	34 66
I 6054	do.	Ella R. Michaels.	Laboratory coats.	33 75
I 6055	do.	Physicians' Supply & Drug Co.	Atomizer.	1 13
I 6056	do.	Whitall Tatum Co.	Flint.	9 83
I 6057	do.	Woods Hospital Supply.	Laboratory supplies.	10 00
I 6058	do.	A. C. McClurg & Co.	General supplies.	129 24
I 6059	do.	R. D. Swisher Mfg. Co.	do.	2 55
I 6060	do.	Neostyle Co.	Black ink.	21 60
I 6061	do.	V. Mueller & Co.	Laboratory supplies.	23 60
I 6062	do.	Maas Brothers.	General supplies.	2 00
I 6063	do.	Fuller-Morrisson Co.	Chemicals.	82 30
I 6064	do.	International Harvester Co.	Machine repairs.	3 81
I 6065	do.	Ruhm Phosphate Mining Co.	Phosphate rock.	155 83
I 6066	do.	J. B. Marshall.	Freight charges.	96 77
I 6067	do.	Mason Davis & Co.	Machinery.	57 00
I 6068	do.	P. D. Long.	Field work.	13 25
I 6069	do.	The Creamery Package Mfg. Co.	General supplies.	3 15
I 6070	do.	A. M. TenEyck.	Prints.	1 31
I 6071	do.	J. B. Marshall.	Field work.	67 50
I 6072	do.	Stephen Rogers.	do.	17 68
I 6073	do.	Champaign Steam Laundry.	Laundry.	3 56
I 6074	do.	Spencer Lens Co.	Electrical supplies.	37 28
I 6075	do.	C. C. Logan.	Traveling expenses.	10 75
I 6076	do.	H. I. Carpenter.	Piano tuning.	4 50
I 6077	do.	The Caldwell Co.	Lamp cord.	3 00
I 6078	do.	Eimer & Amend.	Laboratory apparatus.	31 65
I 6079	do.	The Arthur H. Thomas Co.	Glass tubing.	1 20
I 6080	do.	The Harshaw Fuller & Goodwin Co.	Red lead.	9 00
I 6081	do.	C. E. Durst.	Traveling expenses.	6 06
I 6082	do.	Cullen W. Parmelee.	do.	75 75
I 6083	do.	W. F. Hardy.	Machine repairs.	1 60
I 6084	do.	Champaign Seed Co.	Feeding stuffs.	15 00
I 6085	do.	Charles H. Ward.	Museum specimens.	200 00
I 6086	do.	Wards' Natural Science Establishment.	do.	15 00
I 6087	do.	J. C. Gabel.	Laboratory apparatus.	11 00
I 6088	do.	H. A. Rattermann.	Freight.	108 75
I 6089	do.	Kate Ferguson.	Wages, January, 1916.	13 75
I 6090	do.	Edward Lerch.	do.	13 31
I 6091	do.	Harold T. Gallaher.	do.	27 90

## INSTRUCTION VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
I 6092	1916 Feb. 8	J. W. Rhinesmith	Wages, January, 1916	\$ 45 83
I 6093	do.	Mark Small	do	65 00
I 6094	do.	Bradner, Smith & Co	Printing	29 10
I 6095	do.	University Press	do	6 50
I 6096	do.	Twin City Printing Co	do	1 60
I 6097	do.	Flanigan-Pearson Co.	do	37 63
I 6098	do.	Illinois State Reformatory	do	63 90
I 6099	Feb. 11	E. Von Hermann	Laboratory supplies	16 00
I 6100	do.	C. L. Frame Dental Supply Co	do	50 57
I 6101	do.	Chicago Dental Supply Co.	do	64 00
I 6102	do.	A. C. McClurg & Co.	Office supplies	1 88
I 6103	do.	Ahrens & Schreiner	Laboratory supplies	4 11
I 6104	do.	Chicago Surgical & Electric Co	Thermostat	10 00
I 6105	do.	Kimble-Durand Glass Co.	Vials	4 11
I 6106	do.	Chicago Medical Book Co	Books	21 98
I 6107	do.	American Medical Association	Reprints	13 43
I 6108	do.	Peck & Hills Furniture Co	Desk	38 00
I 6109	do.	Arthur Ochs	Laboratory supplies	22 50
I 6110	do.	Keasbey & Mattison Co.	Asbestos lumber	9 71
I 6111	do.	Medical Library Association	Dues	10 00
I 6112	do.	A. Englemann	Clock repairs	2 00
I 6113	do.	J. M. Hanson-Bennett Magazine Agency	Books	34 45
I 6114	do.	The Book Shop Bindery	do	77 40
I 6115	do.	R. E. Hieronymus	Traveling expenses	38 10
I 6116	do.	International Press Clipping Bureau	Incidentals	5 00
I 6117	do.	Ira D. Allison	Traveling expenses	4 20
I 6118	do.	J. W. Herriott	Poultry	25 00
I 6119	do.	Samuel Watson	do	12 00
I 6120	do.	Welmer & Schweinsberg	General supplies	3 00
I 6121	do.	Eva Benefiel	Traveling expenses	5 83
I 6122	do.	Fred Hatch	Address	15 00
I 6123	do.	Metzler & Schafer Co	Laboratory supplies	64 29
I 6124	do.	Dallenbach Brothers	do	13 01
I 6125	do.	Watson Faulkner	Laboratory supplies	1 10
I 6126	do.	A. E. C. Lathrop	White mice	7 50
I 6127	do.	Frank Smith	Rental	3 75
I 6128	do.	Machinists Supply Co.	General supplies	19 82
I 6129	do.	Earl Garver	Traveling expenses	10 44
I 6130	do.	M. R. Carlson	do	6 66
I 6131	do.	G. S. Beaumont	do	17 68
I 6132	do.	Bertram Abney	do	16 64
I 6133	do.	Chas. A. Atwood	do	51 55
I 6134	do.	R. S. Durham	do	4 31
I 6135	do.	C. F. Goodman	do	7 90
I 6136	do.	I. J. Reinhart	do	4 51
I 6137	do.	C. C. Jensen	do	3 24
I 6138	do.	J. D. Fuller	do	3 51
I 6139	do.	H. A. Ruehe	do	9 97
I 6140	do.	Central Mills Co.	Animal feed	70 00
I 6141	do.	Chester Horseshoeing Shop	Horseshoes	6 50
I 6142	do.	Veeder Mfg. Co.	Laboratory apparatus	30 00
I 6143	do.	American Breeder	do	9 45
I 6144	do.	Conner & Quayle	Horseshoes	12 10
I 6145	do.	J. L. Edmonds	Traveling expenses	8 96
I 6146	do.	Stipes & Hecker	Cement and sand	8 80
I 6147	do.	Hunter Bourke & Co.	General supplies	87 50
I 6148	do.	Eisner Grocery Co.	do	10 82
I 6149	do.	C. C. Ferguson	Horseshoes	18 00
I 6150	do.	John H. Doyle	General supplies	15 84
I 6151	do.	G. E. Stechert & Co.	Books	7 89
I 6152	do.	Ottawa Silica Co.	Silica sand	7 00
I 6153	do.	Champaign Steam Laundry	Laundry	3 19
I 6154	do.	A. J. Gunderson	Traveling expenses	16 91
I 6155	do.	E. W. Bailey	do	13 46
I 6156	do.	Fruit Trade Journal & Produce Record	Incidentals	1 00
I 6157	do.	C. B. Root	Sulfur	2 15
I 6158	do.	Detroit Flower Pot Co.	General supplies	8 85
I 6159	do.	W. Atlee Burpee & Co.	Seeds	24 41
I 6160	do.	The Chester Transfer Co.	Drayage	2 00
I 6161	do.	Oldham Brothers	Crobin	1 00
I 6162	do.	B. F. Stevenson & Son	General supplies	1 00
I 6163	do.	C. H. Stoelting Co.	Office supplies	2 13
I 6164	do.	Association of American Law Schools	Dues	20 00
I 6165	do.	Warren H. Orr	Amend. ref.	1 00
I 6166	do.	J. A. Detlefsen	Traveling expenses	2 99
I 6167	do.	G. C. Willis	General supplies	3 85
I 6168	do.	Devce & Reynolds Co.	Drawing paper	36 00



## INSTRUCTION VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1916			
I 6169	Feb. 11	Chas. E. Prentice	General supplies	\$ 2 50
I 6170	do.	Pittsburgh Electric Specialty Co.	Burner	2 07
I 6171	do.	University Club	Traveling expenses	3 20
I 6172	do.	The Letter Shop	Typing	1 35
I 6173	do.	Twin City Ice & Cold Storage	Ice	20 00
I 6174	do.	The Caldwell Co.	Tungsten	2 70
I 6175	do.	Zita L. Olcott	Museum specimen	50 00
I 6176	do.	Library Bureau	Furniture and fixtures	40 00
I 6177	do.	The Malin & Co.	Soft steel	3 00
I 6178	do.	F. M. Footz	Machine repairs	1 50
I 6179	do.	The Chester Trasnier Co.	Hauling	47 25
I 6180	do.	Simon Albrecht	Live stock	68 00
I 6181	do.	Egyptian Packing Co.	Sundries	1 25
I 6182	do.	Neostyle Co.	General supplies	3 75
I 6183	do.	Swift & Co.	Animal feed	9 85
I 6184	do.	E. H. Sargent & Co.	Laboratory apparatus	1 73
I 6185	do.	Davis & Kreeger	Painting	8 00
I 6186	do.	The Abbott Laboratories	Laboratory supplies	3 88
I 6187	do.	C. L. Frame Dental Supply Co.	Lead slugs	1 03
I 6188	do.	Thomas J. Dee & Co.	Laboratory supplies	43 20
I 6189	do.	Calumet Laundry Co.	Laundry	6 71
I 6190	do.	L. C. Branum	do.	4 02
I 6191	do.	The Liquid Carbonic Co.	Clamps	1 00
I 6192	do.	A. Daigger & Co.	Laboratory apparatus	18 59
I 6193	do.	Chicago Medical Book Co.	Books	10 39
I 6194	do.	Eimer & Amend	Laboratory supplies	1 97
I 6195	do.	Thomas A. Edison	do.	18 00
I 6196	do.	E. Barrington	General supplies	1 25
I 6197	do.	The University Hospital	Board and room	221 75
I 6198	do.	Ahrens & Schreiner	Animal feed	46 25
I 6199	do.	Barron Brothers Coal Co.	do.	4 03
I 6200	do.	Arthur Ochs	Rabbits	27 00
I 6201	do.	Sprague, Warner & Co.	General supplies	2 60
I 6202	do.	Ella R. Michaels	Laboratory coats	12 00
I 6203	do.	Illinois State Reformatory	Printing	22 15
I 6204	do.	Louden & Flaningam	do.	14 33
I 6205	do.	The University Press	do.	6 75
I 6206	Feb. 14	F. M. Leslie	Laboratory apparatus	59 05
I 6207	do.	F. K. Robeson	General supplies	28 56
I 6208	do.	Taylor Hardware Co.	do.	5 55
I 6209	do.	Champaign Steam Laundry	Laundry	82 07
I 6210	do.	Sturges & Burn Mfg. Co.	Machinery	27 50
I 6211	do.	A. H. Barber Creamery Supply Co.	Simplex pump	65 00
I 6212	do.	The Diem & Wing Paper Co.	General supplies	7 00
I 6213	do.	The J. B. Ford Co.	do.	3 40
I 6214	do.	Eastman Salt Products Co.	Chloride	13 99
I 6215	do.	Chester Horseshoeing Shop	Horseshoes	7 00
I 6216	do.	Smith & Co.	Ice	80 00
I 6217	do.	A. S. Nelson & Sons	Laboratory supplies	2 60
I 6218	do.	Eisner Grocery Co.	Food supplies	112 59
I 6219	do.	Dallenbach Brothers	do.	174 46
I 6220	do.	Landa McClory	do.	5 25
I 6221	do.	Sprague Warner & Co.	Laboratory supplies	1 76
I 6222	do.	Metzler & Schafer Co.	Food supplies	29 50
I 6223	do.	Farrar & Quinlan	do.	105 13
I 6224	do.	The Fleischmann Co.	Yeast	1 50
I 6225	do.	J. F. Webster & Co.	Food supplies	30 75
I 6226	do.	Twin City Creamery Co.	do.	44 15
I 6227	do.	Putnam-Page Co.	Office equipment	213 25
I 6228	do.	E. H. Sargent & Co.	Laboratory supplies	6 31
I 6229	do.	Eimer & Amend	do.	223 21
I 6230	do.	White Line Laundry	Laundry	4 28
I 6231	do.	Pilon & Rodgers	Sundries	10 50
I 6232	do.	The Burr Co.	Rods, bars	4 10
I 6233	do.	H. P. Stinespring	Animal feed	7 00
I 6234	do.	Watson Faulkner	Linseed oil	3 60
I 6235	do.	James Mfg. Co.	General supplies	18 96
I 6236	do.	John H. Doyle	Machine repairs	1 50
I 6237	do.	R. C. Wagner & Son	Coal	15 00
I 6238	do.	John Reichard	Grain	219 58
I 6239	do.	Woldenberg & Schaar	Laboratory supplies	117 47
I 6240	do.	Felt & Tarrant Mfg. Co.	Office supplies	2 00
I 6241	do.	J. W. Butler Paper Co.	do.	30 65
I 6242	do.	Cunningham Brothers	General supplies	1 50
I 6243	do.	D. C. Barto	Traveling expenses	10 02
I 6244	do.	C. A. Morehouse	Poultry	15 00
I 6245	do.	Wm. Aten	Field work	8 12
I 6246	do.	Claude Vaughn	do.	5 25

## INSTRUCTION VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1916			
I 6247	Feb. 14	W. G. Griffith	Field work	\$ 91 40
I 6248	do.	C. C. Chapman	Traveling expenses	1 55
I 6249	do.	C. C. Logan	do	19 70
I 6250	do.	Ralph Allen	do	7 12
I 6251	do.	Philadelphia Book Co.	Books	3 00
I 6252	do.	Technical Supply Co.	Laboratory apparatus	10 00
I 6253	do.	The Otto Gas Engine Works	General supplies	3 56
I 6254	do.	M. E. Thompson, Cashier	Labor bills	606 42
I 6255	do.	M. E. Thompson, Cashier	do	65 53
I 6256	do.	Louden & Flanigan	Printing	16 00
I 6257	do.	Illinois State Reformatory	do	11 05
I 6258	Feb. 15	Wilmington Fibre Specialty Co.	General supplies	9 03
I 6259	do.	V. Mueller & Co.	Laboratory apparatus	42 10
I 6260	do.	Central Scientific Co.	General supplies	69 73
I 6261	do.	Kasen's Express & Van Co.	Express	31 65
I 6262	do.	Ahrens & Schreiner	Laboratory supplies	3 70
I 6263	do.	A. Kroch & Co.	Books	9 07
I 6264	do.	The Book Shop Bindery	do	118 60
I 6265	do.	A. C. McClurg & Co.	Fountain pen	3 50
I 6266	do.	C. L. Frame Dental Supply Co.	Dental supplies	74 77
I 6267	do.	Jacobs & Holmes	Incidentals	2 75
I 6268	do.	Peck & Hills Furniture Co.	Chairs	4 50
I 6269	do.	Marcus Bernstein	Advertising	8 00
I 6270	do.	Chicago Surgical & Electrical Co.	Laboratory apparatus	22 50
I 6271	do.	Hibbard, Spencer, Bartlett Co.	General supplies	10 08
I 6272	do.	Harms & Scheuber	Animal feed	9 00
I 6273	do.	Corbin Cabinet Lock Co.	Padlocks	21 84
I 6274	do.	H. D. Swisher Mfg. Co.	Stamp pads	1 95
I 6275	do.	Stromberg-Carlson Telephone Mfg. Co.	Laboratory apparatus	3 83
I 6276	do.	The Berger Mfg. Co.	Vertical file	39 60
I 6277	do.	Chicago Towel Co.	Laundry	26 07
I 6278	do.	F. K. Robeson	General supplies	13 24
I 6279	do.	Bausch & Lomb Optical Co.	Microscopes	298 50
I 6280	do.	E. H. Sargent & Co.	Chemicals	106 69
I 6281	do.	The Linde Air Products Co.	Repair work	4 70
I 6282	do.	Diack & Smith	Rock phosphate	22 50
I 6283	do.	Crane Co.	Steel tubing	1 50
I 6284	do.	Chas. H. Besly & Co.	Brass rods	10 83
I 6285	do.	Hammacher, Schlemmer & Co.	Hand screws	3 70
I 6286	do.	The Standard Calorimeter Co.	Thermometers	36 36
I 6287	do.	Williams, Brown & Earle	Laboratory apparatus repairs	18 50
I 6288	do.	The Letter Shop	Stencils	4 00
I 6289	do.	Woldenberg & Schaar	Laboratory apparatus	31 00
I 6290	do.	Hunter, Rourke & Co.	Lime	1 15
I 6291	do.	E. A. Holbrook	Traveling expenses	37 40
I 6292	do.	W. S. Gearhart	do	32 10
I 6293	do.	Edward C. Schmidt	do	12 79
I 6294	do.	The Rochelle Seed Co.	Clover seed	272 30
I 6295	do.	Fred Gordin	Live stock	215 00
I 6296	do.	Alfons Bertagnoli	Drayage	3 00
I 6297	do.	R. R. Donnelley & Sons	Laboratory supplies	4 47
I 6298	do.	The Arthur H. Thomas Co.	Wire	5 74
I 6299	do.	Indiana Oxygen Co.	Laboratory supplies	18 00
I 6300	do.	Eggleston's Music House	Rent on piano	33 00
I 6301	do.	D. H. Lloyd	Record book	2 25
I 6302	do.	Eisner Grocery Co.	Sugar	4 35
I 6303	do.	A. S. Colby	Traveling expenses	9 53
I 6304	do.	Ennis Hay Co.	Alfalfa hay	9 02
I 6305	do.	Gordon-VanTine Co.	General supplies	56 25
I 6306	do.	Ant. C. Zvolanek	Seeds	6 00
I 6307	do.	Twin City Ice & Cold Storage Co.	Ice	12 00
I 6308	do.	The C. W. Brownell Co.	Osmundine	10 50
I 6309	do.	The Science Press	Books	1 85
I 6310	do.	Journal of the American Veterinary Medical Association	do	1 50
I 6311	do.	Doubleday, Page & Co.	do	1 40
I 6312	do.	Geo. B. Carpenter & Co.	General supplies	14 60
I 6313	do.	H. S. Capron, Treasurer	Material furnished from University storeroom	259 56
I 6314	do.	H. S. Capron, Treasurer	do	135 00
I 6315	do.	H. S. Capron, Treasurer	do	286 54
I 6316	do.	Louden & Flanigan	Printing	4 00
I 6317	do.	Flanigan-Pearson Co.	do	2 25
I 6318	do.	United Autographic Register Co.	do	39 05
I 6319	do.	J. Adams Puffer	Lectures	20 00
I 6320	do.	Maurice M. Zeigler	Traveling expenses	34 24
I 6321	do.	The Cleveland Grain Co.	Grain	715 00
I 6322	do.	Keuffel & Esser Co.	Laboratory supplies	2 43

## INSTRUCTION VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1916			
I 6323	Feb. 15	H. Swannell & Son.	Laboratory supplies	\$ 7 35
I 6324	..do..	Leavitt Mfg. Co.	Coke	9 75
I 6325	..do..	Westinghouse Electric & Mfg. Co.	Laboratory apparatus	131 50
I 6326	..do..	D. H. Lloyd.	General supplies	1 16
I 6327	..do..	Economy Drawing Table Co.	Office equipment	23 04
I 6328	..do..	Hunter, Rourke & Co.	General supplies	1 35
I 6329	..do..	Pensacola Tar & Turpentine Co.	Crude oil	3 10
I 6330	..do..	W. F. M. Goss.	Traveling expenses	8 51
I 6331	..do..	Ennis Hay Co.	Alfalfa hay	161 26
I 6332	Feb. 16	M. E. Thompson, Cashier	Labor bills	334 18
I 6333	..do..	M. E. Thompson, Cashier	..do..	133 16
I 6334	..do..	Pay roll	February, 1916	4,794 15
		Alley, W. E.	Salary	\$100 00
		Barnes, Mary G.	..do..	65 00
		Beadles, Jessie R.	..do..	65 00
		Brownfield, Lelah H.	..do..	50 00
		Buchanan, Harold C.	..do..	70 00
		Buckles, Mildred E.	..do..	65 00
		Clemence, Hazel	..do..	70 00
		Coogan, Jane	..do..	50 00
		Cover, Hazel W.	..do..	65 00
		Craigmile, Jeannette	..do..	50 00
		Crawford, C. C.	..do..	70 00
		Cuerden, Fay	..do..	50 00
		Custer, Emma L.	..do..	75 00
		Dalton, C. E.	..do..	50 00
		Davis, Vera M.	..do..	55 00
		Fieg, Robert J.	..do..	50 00
		Garwood, Frances	..do..	60 00
		Garwood, Helen	..do..	50 00
		Geyer, Helen	..do..	50 00
		Glenn, Eleanor	..do..	55 00
		Goodspeed, W. S.	..do..	90 00
		Gordon, Marie A.	..do..	60 00
		Griffith, Mabel F.	..do..	75 00
		Halliday, Mabel	..do..	60 00
		Hamilton, Mrs. Alice	..do..	100 00
		Hammitt, Susan	..do..	50 00
		Harper, Julia	..do..	75 00
		Hathaway, Kenneth	..do..	50 00
		Hayes, Margaret L.	..do..	50 00
		Hayes, James Bert	..do..	100 00
		Hayward, Nellie	..do..	60 00
		Heater, Myrtle	..do..	65 00
		Hull, A. H.	..do..	70 00
		Jay, Edith L.	..do..	55 00
		Lahr, Lawrence D.	..do..	60 00
		Leitz, Louise A.	..do..	45 00
		Lontus, J. O.	..do..	90 00
		Luther, Ida Louise	..do..	50 00
		McGurty, Agnes	..do..	91 66
		McIntire, W. A.	..do..	50 00
		McMillen, Mary B.	..do..	60 00
		Manley, Verna	..do..	50 00
		Manspeaker, Lotta M.	..do..	100 00
		Meachum, Leola	..do..	45 00
		Merchant, Donna B.	..do..	60 00
		Meseck, Rudolph	..do..	65 00
		Miller, C. F.	..do..	100 00
		Mock, Forrest	..do..	55 00
		Nagle, Sybil	..do..	55 00
		Nyberg, Florence A.	..do..	55 00
		Oliver, Flossie M.	..do..	50 00
		Packard, Bessie	..do..	75 00
		Peel, Thomas	..do..	65 00
		Pergande, Robert	..do..	95 00
		Peters, Helen A.	..do..	65 00
		Probst, Alice	..do..	50 00
		Ressler, Milton	..do..	80 00
		Rhoads, Hazel	..do..	65 00
		Riggs, Bess	..do..	45 00
		Rock, Hazel L.	..do..	55 00
		Rogers, Della M.	..do..	50 00
		Rohweder, Emma	..do..	45 00
		Ross, Anne	..do..	55 00
		Scanlan, Mary	..do..	70 00
		Slater, Sarah M.	..do..	65 00
		Smith, Mayme L.	..do..	70 00

## INSTRUCTION VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
I 6334	1916 Feb. 16	States, Bertha G.....	Salary.....	\$55 00
Cld.		Taft, Martha E.....	do.....	70 00
		Vanderbeck, H. J.....	do.....	75 00
		Vaubel, Daniel.....	do.....	70 00
		Wheeler, M. H.....	do.....	70 00
		Williamson, Paul.....	do.....	83 33
		Winchester, B. L.....	do.....	54 16
		Wyninger, H. T.....	do.....	60 00
		Ellis, E. R.....	do.....	50 00
I 6335	..do....	Pay roll.....	February, 1916.....	\$80,238 22
		Miller, Eva G.....	Salary.....	\$ 66 66
		Davenport, Eugene.....	do.....	500 00
		Checkley, J. H.....	do.....	116 66
		Hieronymus, R. E.....	do.....	125 00
		Jamison, A. W.....	do.....	208 33
		Nolan, A. W.....	do.....	200 00
		Rankin, F. H.....	do.....	291 66
		Greene, J. H.....	do.....	50 00
		Aumer, J. P.....	do.....	150 00
		Bauer, F. C.....	do.....	175 00
		Brunson, A. M.....	do.....	100 00
		Clevenger, C. B.....	do.....	100 00
		Dickenson, R. W.....	do.....	116 66
		Dickerson, I. W.....	do.....	150 00
		Ebersol, E. T.....	do.....	100 00
		Eckblaw, K. J. T.....	do.....	150 00
		Ellis, O. I.....	do.....	100 00
		Fahrnkopf, H. F. T.....	do.....	100 00
		Fisher, F. A.....	do.....	133 33
		Garrett, F. W.....	do.....	133 33
		Gentle, G. E.....	do.....	100 00
		Gernert, W. B.....	do.....	175 00
		Gilkerson, H. C.....	do.....	100 00
		Gustafson, A. F.....	do.....	200 00
		Holt, S. V.....	do.....	166 66
		Hopkins, C. G.....	do.....	458 33
		Jahr, M. E.....	do.....	133 33
		Leighty, W. R.....	do.....	133 33
		Hoskins, E. E.....	do.....	166 66
		Mosier, J. G.....	do.....	333 33
		Newell, C. R.....	do.....	116 66
		Sachs, W. H.....	do.....	150 00
		Schoonover, W. R.....	do.....	100 00
		Smith, L. H.....	do.....	291 66
		Snider, H. J.....	do.....	100 00
		Torgerson, E. F.....	do.....	83 33
		Van Alstine, E.....	do.....	208 33
		Walorth, E. H.....	do.....	100 00
		Wascher, F. M. W.....	do.....	133 33
		de Werf, H. A.....	do.....	83 33
		Wheeler, H. C.....	do.....	166 66
		Whiting, A. L.....	do.....	175 00
		Whitchurch, J. E.....	do.....	150 00
		Reed, C. O.....	do.....	133 33
		Morison, A. T.....	do.....	70 00
		Richey, F. C.....	do.....	70 00
		Stewart, Robt.....	do.....	250 00
		Burlison, W. L.....	do.....	233 33
		Wyatt, F. A.....	do.....	100 00
		Andrews, J. B.....	do.....	116 66
		Bull, Slector.....	do.....	150 00
		Carmichael, W. J.....	do.....	141 66
		Detlelson, J. A.....	do.....	225 00
		Edmunds, J. L.....	do.....	233 33
		Grindley, H. S.....	do.....	333 33
		Harper, Claude.....	do.....	83 33
		Keith, Mary H.....	do.....	108 33
		Mumford, H. W.....	do.....	416 66
		Newlin, C. E.....	do.....	116 66
		Roberts, Elmer.....	do.....	83 33
		Rusk, H. P.....	do.....	233 33
		Whisenand, J. W.....	do.....	100 00
		Wileox, R. H.....	do.....	100 00
		Coffey, W. C.....	do.....	291 66
		Snapp, R. R.....	do.....	141 66
		Augusteas, E. K.....	do.....	83 33
		Slater, M. E.....	do.....	83 33
		Ziesenheim, J. R.....	do.....	50 00

## INSTRUCTION VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
I 6335 Ctd.	1916 Feb. 16	Kammlade, W. G.	Salary	\$ 41 66
		Handschin, W. F.	do	62 50
		Gusler, Gilbert.	do	180 00
		Morkel, W. A.	do	25 00
		Rice, J. B.	do	75 00
		Emmett, A. D.	do	166 66
		Allen, P. W.	do	83 33
		Fraser, W. J.	do	145 83
		Harding, H. A.	do	416 66
		Hulce, R. S.	do	150 00
		Lang, L. R.	do	200 00
		Nevens, W. B.	do	83 33
		Ruehe, H. A.	do	150 00
		Hepburn, N. W.	do	208 33
		Turner, Frank.	do	83 33
		Yapp, W. W.	do	116 66
		True, L. J.	do	83 33
		Chambers, W. H.	do	37 50
		Kohmann, E. F.	do	166 66
		Gosser, Harold.	do	75 00
		Allison, I. D.	do	150 00
		Brown, H. D.	do	83 33
		Blair, J. C.	do	416 66
		Bole, S. J.	do	150 00
		Colby, A. S.	do	83 33
		Crandall, C. S.	do	291 66
		Dorner, H. B.	do	250 00
		Durst, C. E.	do	175 00
		Evans, F. N.	do	150 00
		Englis, D. T.	do	60 00
		Gardner, J. J.	do	166 66
		Heckt, August.	do	83 33
		Hutchinson, J. I.	do	116 66
		Lloyd, J. W.	do	145 83
		Miller, Wilhelm.	do	250 00
		Muncie, F. W.	do	125 00
		Peltier, G. L.	do	133 33
		Robinson, C. M.	do	150 00
		Root, R. R.	do	233 33
		Ruth, W. A.	do	83 33
		Smith, F. A. C.	do	150 00
		Watkins, O. S.	do	200 00
		Tilton, L. D.	do	83 33
		Lauterbach, E. G.	do	33 33
		Brock, W. S.	do	83 33
		Palmer, W. K.	do	83 33
		Venning, F. L.	do	120 00
		Bevier, Isabel.	do	291 66
		Bunch, Mamie.	do	83 33
		Fleming, Georgia.	do	100 00
		Gray, Cora E.	do	125 00
		Harrison, Florence.	do	125 00
		Parsons, Maud.	do	141 66
		Seymour, Lurene.	do	166 66
		Stanton, Margaret.	do	116 66
		Stevens, Grace.	do	166 66
		Wheeler, Ruth.	do	100 00
		Williams, Anna.	do	50 00
		Perceival, Olive.	do	125 00
		Hope, Leona.	do	108 33
		Gray, Gretta.	do	500 00
		Goss, W. F. M.	do	208 33
		Ash, Percy.	do	183 33
		Clark, C. R.	do	291 66
		Provine, L. H.	do	291 66
		Ricker, N. C.	do	175 00
		Titcomb, W. C.	do	208 33
		Wells, N. A.	do	83 33
		Fehrenkamp, Winifred.	do	150 00
		Jones, R. T.	do	150 00
		Hekking, W. M.	do	150 00
		Kellogg, J. M.	do	120 00
		Fanning, T. S.	do	120 00
		Wolfe, W. V.	do	120 00
		Burger, C. V.	do	140 00
		Muehlman, R. E.	do	100 00
		Dillenback, D. C.	do	120 00
		Stanton, W. M.	do	120 00

## INSTRUCTION VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
I 6335 Ctd.	1916 Feb. 16	Stevens, Grace.....	Salary.....	\$116 66
		Wheeler, Ruth.....	do.....	166 66
		Williams, A. E.....	do.....	150 00
		Danielson, E. R.....	do.....	100 00
		Hursh, R. K.....	do.....	150 00
		Bleining, A. V.....	do.....	500 00
		Radcliffe, B. S.....	do.....	150 00
		Geiger, C. F.....	do.....	40 00
		Baker, I. O.....	do.....	333 33
		Bowling, B. L.....	do.....	83 33
		Garner, N. B.....	do.....	141 66
		McDaniel, A. B.....	do.....	229 16
		Smith, J. E.....	do.....	150 00
		Wiley, C. C.....	do.....	141 66
		Wilson, W. M.....	do.....	208 33
		Newell, F. H.....	do.....	416 66
		Ellis, C. A.....	do.....	250 00
		Pickels, G. W.....	do.....	150 00
		Raynor, W. H.....	do.....	140 00
		Davis, R. E.....	do.....	140 00
		Sale, C. S.....	do.....	125 00
		Biegler, P. S.....	do.....	183 33
		Brooks, Morgan.....	do.....	250 00
		Fisk, I. W.....	do.....	150 00
		James, L. V.....	do.....	150 00
		Paine, E. B.....	do.....	291 66
		Waldo, E. H.....	do.....	166 66
		Moore, C. R.....	do.....	141 66
		Knight, A. R.....	do.....	141 66
		Davis, J. W.....	do.....	140 00
		Miller, H. W.....	do.....	200 00
		Porter, F. M.....	do.....	133 33
		Steward, R. K.....	do.....	166 66
		Jordan, H. H.....	do.....	133 33
		Crane, Rufus.....	do.....	100 00
		Atwell, C. A.....	do.....	100 00
		Murphy, R. E.....	do.....	30 00
		Bank, M. F.....	do.....	80 00
		Benedict, B. W.....	do.....	291 66
		Dent, J. A.....	do.....	150 00
		Fisk, J. A.....	do.....	91 66
		Goodenough, G. A.....	do.....	291 66
		Harding, L. A.....	do.....	70 00
		Leutwiler, O. A.....	do.....	250 00
		Richards, C. R.....	do.....	458 33
		Willard, A. C.....	do.....	225 00
		Frank, Edwin.....	do.....	130 00
		Waterfall, H. W.....	do.....	160 00
		Lanham, E. T.....	do.....	120 00
		Kennedy, R. E.....	do.....	150 00
		Radebaugh, G. H.....	do.....	150 00
		Gross, G. A.....	do.....	150 00
		Hogue, J. H.....	do.....	120 00
		De Turk, J. A.....	do.....	130 00
		Duncan, J. M.....	do.....	90 00
		Rebman, P. J.....	do.....	90 00
		McDewell, H. S.....	do.....	130 00
		Godeke, H. F.....	do.....	140 00
		Holbrook, E. A.....	do.....	229 16
		Stoek, H. H.....	do.....	416 66
		Callen, A. C.....	do.....	150 00
		Enger, M. L.....	do.....	208 33
		Fleming, V. R.....	do.....	150 00
		Talbot, A. N.....	do.....	416 66
		Seeley, F. B.....	do.....	166 66
		Boomsliter, G. P.....	do.....	150 00
		Ensign, N. E.....	do.....	141 66
		Babbitt, H. E.....	do.....	160 00
		Gardner, Harry.....	do.....	150 00
		Vallance, Alexander.....	do.....	150 00
		Putnam, W. J.....	do.....	130 00
		Noerenberg, C. E.....	do.....	170 00
		Carman, A. P.....	do.....	416 66
		Knipp, C. T.....	do.....	250 00
		Kunz, Jacob.....	do.....	229 16
		Schulz, W. F.....	do.....	183 33
		Williams, E. H.....	do.....	150 00
		Watson, F. R.....	do.....	250 00
		Hyslop, W. H.....	do.....	100 00

## INSTRUCTION VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
I 6335 Ctd.	1916 Feb. 16	Warner, E. H.	Salary	\$105 00
		Nathanson, J. B.	do.	80 00
		Hill, C. F.	do.	75 00
		Fazel, C. S.	do.	50 00
		Randolph, O. A.	do.	110 00
		Bayley, P. L.	do.	50 00
		Karrer, Sebastian	do.	80 00
		Buck, A. M.	do.	166 66
		Comstock, A. F.	do.	166 66
		Schmidt, E. C.	do.	375 00
		Snodgrass, J. M.	do.	208 33
		Decker, E. H.	do.	291 66
		Greene, Frederick	do.	312 50
		Harker, O. A.	do.	333 33
		Hale, W. G.	do.	291 66
		Pomeroy, J. N.	do.	258 33
		Vernier, C. G.	do.	312 50
		Carpenter, C. E.	do.	208 33
		Babcock, K. C.	do.	458 33
		Lake, E. J.	do.	208 33
		Wetmore, Mary M.	do.	150 00
		Bradbury, C. E.	do.	150 00
		Forbes, G. E.	do.	150 00
		Stebbins, Joel	do.	291 66
		Welo, L. A.	do.	50 00
		Reed, F. W.	do.	140 00
		Hottes, C. F.	do.	250 00
		Stevens, F. L.	do.	333 33
		Trelease, Wm.	do.	416 66
		Hague, Stella M.	do.	110 00
		McDougal, W. B.	do.	140 00
		Parr, Rosalie	do.	80 00
		Dalbey, Nora E.	do.	60 00
		Quick, B. E.	do.	60 00
		Davis, R. L.	do.	50 00
		Pickler, W. E.	do.	50 00
		Clayberg, H. D.	do.	60 00
		Miles, L. E.	do.	50 00
		Beach, W. S.	do.	50 00
		Waggoner, H. D.	do.	60 00
		Young, Esther	do.	50 00
		Kempton, F. E.	do.	60 00
		Sperry, J. E.	do.	170 00
		Tanner, F. W.	do.	120 00
		Grass, C. R.	do.	60 00
		Balke, C. W.	do.	270 83
		Derrick, C. G.	do.	191 66
		Noyes, W. A.	do.	458 33
		Parr, S. W.	do.	166 66
		Smith, G. M.	do.	166 66
		Washburn, E. W.	do.	291 66
		Weber, H. C. P.	do.	166 66
		Beal, G. D.	do.	133 33
		Hopkins, B. S.	do.	133 33
		MacInnes, D. A.	do.	133 33
		McFarland, F. F.	do.	200 00
		Lewis, H. B.	do.	183 33
		Broderson, H. J.	do.	140 00
		Hecker, C. H.	do.	120 00
		Cann, Jessie	do.	120 00
		Olin, H. L.	do.	120 00
		Sears, H. L.	do.	120 00
		Anders, Paul	do.	130 00
		Kremers, H. C.	do.	60 00
		Rees, E. A.	do.	60 00
		Charlton, E. E.	do.	60 00
		Hess, R. W.	do.	60 00
		Rowland, Floyd	do.	50 00
		Gilmore, R. E.	do.	60 00
		Braley, S. A.	do.	60 00
		Skinner, G. S.	do.	50 00
		Vollweiler, E. H.	do.	50 00
		Van Winkel, W. A.	do.	50 00
		Ford, J. T.	do.	50 00
		Footitt, F. W.	do.	50 00
		Braham, J. M.	do.	50 00
		Owens, A. W.	do.	50 00
		Westhaefer, T. O.	do.	50 00
		Bissell, D. W.	do.	50 00

## INSTRUCTION VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
I 6335 Ctd.	1916 Feb. 16	Davidson, C. N. ....	Salary .....	\$ 50 00
		Karr, W. G. ....	do .....	50 00
		Shepard, A. D. ....	do .....	35 00
		Portz, H. G. ....	do .....	35 00
		Lee, H. R. ....	do .....	35 00
		Reed, J. K. ....	do .....	30 00
		Okey, Ruth E. ....	do .....	30 00
		Winkelman, H. A. ....	do .....	30 00
		Reyerson, L. A. ....	do .....	30 00
		Beattie, H. J. ....	do .....	30 00
		Buell, Mary V. ....	do .....	30 00
		Yuteman, L. F. ....	do .....	30 00
		Bruce, W. R. ....	do .....	30 00
		Jordan, Louis. ....	do .....	30 00
		Hufford, R. W. ....	do .....	30 00
		Perry, Margaret. ....	do .....	30 00
		Updegraff, Helen. ....	do .....	30 00
		Powell, A. R. ....	do .....	30 00
		Cook, W. O. ....	do .....	10 00
		Morgan, R. W. ....	do .....	10 00
		Wrisley, G. A. ....	do .....	10 00
		Landstrom, A. M. ....	do .....	10 00
		Hahn, F. C. ....	do .....	10 00
		Brown, J. B. ....	do .....	30 00
		Weiland, H. J. ....	do .....	60 00
		Wells, L. S. ....	do .....	30 00
		van Rossen, Gerard. ....	do .....	120 00
		Oleweine, J. H. ....	do .....	30 00
		Hicks, J. F. G. ....	do .....	50 00
		Zelle, Clark. ....	do .....	10 00
		Adler, L. ....	do .....	10 00
		Tippett, R. W. ....	do .....	50 00
		Taylor, S. C. ....	do .....	80 00
		Barton, H. J. ....	do .....	291 66
		Canter, H. V. ....	do .....	225 00
		Moss, C. M. ....	do .....	250 00
		Oldfather, W. A. ....	do .....	250 00
		Pease, A. S. ....	do .....	250 00
		Robinson, R. P. ....	do .....	30 00
		Bagley, W. C. ....	do .....	229 16
		Johnston, C. H. ....	do .....	312 50
		Miller, W. S. ....	do .....	166 66
		Whipple, G. M. ....	do .....	270 83
		Brown, J. C. ....	do .....	291 66
		Berninger, Harriett J. ....	do .....	50 00
		Cobb, Margaret. ....	do .....	50 00
		Baldwin, E. C. ....	do .....	175 00
		Clark, T. A. ....	do .....	41 66
		Dodge, D. K. ....	do .....	270 83
		Fulton, Edw. ....	do .....	175 00
		Jones, H. S. V. ....	do .....	183 33
		Paul, H. G. ....	do .....	208 33
		Scott, F. W. ....	do .....	208 33
		Sherman, S. P. ....	do .....	458 33
		Woolbert, C. H. ....	do .....	166 66
		Zeitlin, Jacob. ....	do .....	158 33
		Creek, H. L. ....	do .....	125 00
		Boyer, C. V. ....	do .....	141 66
		Schoepperle, Gertrude. ....	do .....	116 66
		Kyle, Martha J. ....	do .....	25 00
		Alden, E. S. ....	do .....	120 00
		Rinaker, Clarissa. ....	do .....	130 00
		Harris, L. H. ....	do .....	120 00
		Tieje, R. E. ....	do .....	120 00
		Jones, E. S. ....	do .....	130 00
		Schultz, W. E. ....	do .....	120 00
		Gregory, Allene. ....	do .....	120 00
		Hustvedt, S. B. ....	do .....	120 00
		Loomis, K. S. ....	do .....	120 00
		Harbarger, Sada A. ....	do .....	100 00
		Kelso, Ruth. ....	do .....	100 00
		Stanley, T. B. ....	do .....	100 00
		Sarott, L. R. ....	do .....	120 00
		Dixon, R. E. ....	do .....	120 00
		Beck, C. B. ....	do .....	50 00
		Cruzan, Myrtle. ....	do .....	50 00
		Hillebrand, H. M. ....	do .....	150 00
		Thurber, C. N. ....	do .....	60 00



## INSTRUCTION VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
I 6536 Ctd.	1916 Feb. 16	Whitford, R. C.	Salary.	\$110 00
		Stottle, E. G.	do	110 00
		Harrington, H. F.	do	166 66
		Pheips, J. M.	do	100 00
		Wetrick, R. B.	do	120 00
		Copley, Beatrice	do	50 00
		Carl, M. J.	do	140 00
		Folsom, J. W.	do	208 33
		Forbes, S. A.	do	83 33
		MacGillivray, A. D.	do	250 00
		Mosher, Edna	do	100 00
		Hamilton, C. C.	do	30 00
		Gaspow, R. D.	do	140 00
		Bayley, W. S.	do	250 00
		Rolle, C. W.	do	225 00
		Savage, T. E.	do	170 00
		Rich, J. L.	do	60 00
		Ross, C. S.	do	60 00
		Dubois, H. M.	do	50 00
		Read, M. K.	do	120 00
		Van Tuyl, F. M.	do	40 00
		Kennedy, L. E.	do	208 33
		Brooks, N. C.	do	233 33
		Form, G. T.	do	208 33
		Goedel, Johns	do	312 50
		Lessing, O. E.	do	291 66
		Bloomfield, Leonard	do	166 66
		Gillett, J. E.	do	133 33
		Blasdel, Daisy	do	110 00
		Williams, C. A.	do	150 00
		Koller, A. H.	do	150 00
		Pickett, H. W.	do	150 00
		Nordmeyer, H. W.	do	130 00
		Kline, E. K.	do	120 00
		Greene, Alexander	do	150 00
		Alvord, C. W.	do	145 00
		Greene, E. B.	do	416 66
		Larson, L. M.	do	266 66
		Lybver, A. H.	do	223 33
		Robertson, W. S.	do	208 33
		Jones, P. V. B.	do	150 00
		Pease, T. C.	do	125 00
		Cole, A. C.	do	150 00
		Brush, Elizabeth	do	100 00
		Gauger, Joe	do	40 00
		Miller, J. E.	do	60 00
		Borger, R. L.	do	125 00
		Craddock, A. R.	do	166 66
		Ernst, Arnold	do	157 50
		Lytle, E. B.	do	150 00
		Miller, G. A.	do	291 66
		Rietz, H. J.	do	158 33
		Shaw, J. B.	do	250 00
		Sisam, C. H.	do	183 33
		Townsend, E. J.	do	353 33
		Walsh, G. E.	do	123 00
		Carmichael, E. D.	do	208 33
		Kempner, A. J.	do	133 33
		Denton, W. W.	do	140 00
		Chittenden, E. W.	do	140 00
		Wilson, L. T.	do	120 00
		Smith, G. W.	do	60 00
		Wilson, W. H.	do	60 00
		Borden, Raymond	do	60 00
		Frary, H. D.	do	60 00
		Beekley, J. S.	do	30 00
		Marshall, R. H.	do	30 00
		Roth, Wm. E.	do	60 00
		Green, C. F.	do	30 00
		Bode, B. H.	do	291 66
		Daniels, A. H.	do	353 33
		Shepherd, Queen	do	150 00
		Hassler, Carl	do	100 00
		Burke, W. E.	do	216 66
		Beard, J. H.	do	116 66
		Neil, Alma J.	do	60 00
		Gartner, J. W.	do	353 33
		Matthews, J. M.	do	191 66

## INSTRUCTION VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
I 6335 Ctd.	1916 Feb. 18	Fairlie, J. A.	Salary	\$291 66
		Storey, R. M.	do	180 00
		Cushman, R. E.	do	120 00
		Bently, Madison	do	270 83
		Ruckmich, C. A.	do	150 00
		Rahn, Carl	do	150 00
		Rogers, Sophie	do	35 00
		Wichman, Gerald	do	50 00
		McKenzie, Kenneth	do	333 33
		Carnahan, D. H.	do	225 00
		FitzGerald, J. D., II	do	250 00
		Oliver, T. E.	do	250 00
		Seymour, A. R.	do	166 66
		Blondheim, D. S.	do	166 66
		Carry, C. S.	do	120 00
		Allen, Louis	do	100 00
		Kessler, James	do	100 00
		Soto, Rafael	do	100 00
		Dawson, E. R.	do	100 00
		Stone, H. K.	do	100 00
		Moore, O. H.	do	141 66
		Shulters, J. R.	do	80 00
		Watson, J. C.	do	30 00
		Laguardia, C. J. B.	do	100 00
		Hayes, E. C.	do	275 00
		Stevens, J. G.	do	150 00
		Watkins, Gordon	do	50 00
		Kingsley, J. S.	do	291 66
		Smith, Frank	do	250 00
		Ward, H. E.	do	416 66
		Zeleny, Chas.	do	250 00
		Shelford, V. E.	do	166 66
		Van Cleave, H. J.	do	140 00
		May, H. G.	do	60 00
		Green, Bessie	do	60 00
		Conel, Jessie	do	60 00
		Powers, E. B.	do	60 00
		Magath, T. B.	do	35 00
		Higgins, G. M.	do	35 00
		Baumgartner, Rachel	do	35 00
		Heimberger, H. V.	do	60 00
		Kingman, R. H.	do	35 00
		Baldwin, Frances M.	do	100 00
		Kindred, J. E.	do	30 00
		Paul, Katherine H.	do	120 00
		Schmidt, Robert	do	75 00
		Dewsnup, E. R.	do	250 00
		Litman, Simon	do	208 33
		Robinson, M. H.	do	250 00
		Weston, N. A.	do	270 83
		Hieronymus, R. E.	do	125 00
		Heilman, R. E.	do	216 66
		Thompson, C. M.	do	208 33
		Thompson, J. G.	do	200 00
		Chase, W. A.	do	240 00
		McJohnston, H.	do	200 00
		Dreesen, W. H.	do	60 00
		Stewart, C. L.	do	180 00
		Young, L. E.	do	250 00
		McMillen, G. B.	do	50 00
		Littleton, A. C.	do	150 00
		Seoville, H. T.	do	220 00
		McKenna, E. L.	do	60 00
		Bond, Ethel	do	100 00
		Curtis, Florence	do	141 66
		Reece, E. J.	do	150 00
		Simpson, Frances	do	183 33
		Hill, Fanny W.	do	75 00
		Schwartz, G. F.	do	183 33
		Smith, Constance Barlow	do	166 66
		Erb, J. L.	do	250 00
		Van den Berg, H. J.	do	180 00
		Nasmyth, H. D.	do	170 00
		Morphy, E. W.	do	170 00
		Treat, Edna	do	100 00
		Harding, A. A.	do	83 33
		Wright, Mabelle	do	100 00
		Johnson, F. T.	do	110 00

## INSTRUCTION VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
I 6335	1916 Feb. 16	Davis, Bertha	Salary	\$100 00
Cld.		Day, W. B.	do.	208 33
		Snow, C. M.	do.	150 00
		Gathercoal, E. N.	do.	108 33
		Elcher, B. L.	do.	83 33
		Colson, H. W.	do.	83 33
		Fantus, Bernard	do.	16 66
		Clark, A. H.	do.	150 00
I 6336	Feb. 17	Pay roll	February, 1916	\$740 00
		Harper, A. G.	Salary	\$150 00
		Taylor, N. O.	do.	10 00
		Hultman, O. N.	do.	10 00
		Hawthorne, W. S.	do.	10 00
		Johnson, L. C.	do.	120 00
		French, H. E.	do.	30 00
		Pettinger, B. F.	do.	240 00
		Baker, H. T.	do.	120 00
		Little, R. F.	do.	50 00
I 6337	..do...	Pay roll	February, 1916	96 00
		Robinson, R. E.	Salary	\$96 00
I 6338	..do...	Franklin Desk Factory	Desk	22 00
I 6339	..do...	W. S. Brock	Traveling expenses	12 45
I 6340	..do...	J. C. Thorpe	Lectures	160 00
I 6341	..do...	J. Kennedy Kincaid	Services	35 00
I 6342	..do...	John P. Stout	do.	30 00
I 6343	..do...	E. H. Sargent & Co.	Laboratory supplies	6 87
I 6344	..do...	Taylor Hardware Co.	Box plate	1 25
I 6345	..do...	Oldham Brothers	Chemicals	1 35
I 6346	..do...	Crane Co.	do.	6 44
I 6347	..do...	The Burr Co.	Rolling plates	2 00
I 6348	..do...	J. T. Ryerson & Son	General supplies	3 10
I 6349	..do...	J. B. Andrews	Traveling expenses	16 90
I 6350	..do...	Elmer & Amend	Laboratory supplies	10 52
I 6351	..do...	C. C. Logan	Traveling expenses	24 66
I 6352	..do...	Hunter, Rourke & Co.	Lumber	5 72
I 6353	..do...	D. H. Lloyd	General supplies	1 92
I 6354	..do...	L. W. Colfen	Traveling expenses	11 56
I 6355	..do...	The Shaw-Walker Co.	Office supplies	12 59
I 6356	..do...	The Beardsly Hotel	Expense account	8 00
I 6357	..do...	J. D. Watkins	Traveling expenses	2 88
I 6358	..do...	H. A. McKene	do.	4 00
I 6359	..do...	Naomi Newburn	Services	30 00
I 6360	..do...	C. H. Bailey	Traveling expenses	96 86
I 6361	..do...	Champaign Seed Co.	Seeds	1 80
I 6362	..do...	C. S. Hook	Journals	70 00
I 6363	..do...	W. J. Pilkington	Traveling expenses	41 80
I 6364	..do...	Robert B. Schreffler	do.	7 50
I 6365	..do...	F. J. Burns & Co.	Goldfish	3 00
I 6366	..do...	Cosmo Electric Construction Co.	Repairs	30 00
I 6367	..do...	The Chicago Daily News	Advertising	1 25
I 6368	..do...	Hilbard, Spencer, Bartlett Co.	Locks	2 08
I 6369	..do...	A. Daigzer & Co.	Laboratory supplies	11 08
I 6370	..do...	Swift & Co.	Beef hearts	3 40
I 6371	..do...	A. C. McClurg & Co.	General supplies	30 81
I 6372	..do...	Ernst Leitz	Laboratory supplies	12 50
I 6373	..do...	D. H. Lloyd	Machine repairs	5 00
I 6374	..do...	White Line Laundry	Laundry	7 34
I 6375	..do...	Cunningham Brothers	Iodine	1 50
I 6376	..do...	D. T. Dobbins	Grain	1 80
I 6377	..do...	R. C. Wagner & Son	Coal	2 00
I 6378	..do...	Henry Grein	Straw	256 97
I 6379	..do...	Farmers & Drovers Journal	Laboratory supplies	2 60
I 6380	..do...	Stewart Miner	Poultry	5 00
I 6381	..do...	Champaign Seed Co.	Feeding stuff	3 50
I 6382	..do...	Tazewell County Farm Bureau	General supplies	1 25
I 6383	..do...	Mary Lyman Otis	do.	1 08
I 6384	..do...	The Sneed & Co. Iron Works	Laboratory apparatus	146 00
I 6385	..do...	F. K. Robeson	General supplies	1 17
I 6386	Feb. 18	Swift & Co.	Packing slides	6 48
I 6387	..do...	The Globe-Wernecke Co.	Office equipment	10 20
I 6388	..do...	Woldenberg & Schaar	Laboratory supplies	104 25
I 6389	..do...	Wood Products Co.	Alcohol	6 00
I 6390	..do...	Fuller-Morrison Co.	Peroxide	8 25
I 6391	..do...	The Western Electric Co.	Cable	25 50
I 6392	..do...	Central Scientific Co.	Laboratory supplies	24 00
I 6393	..do...	Kauffman-Latimer Co.	do.	8 40
I 6394	..do...	The Crane Co.	Hose bibbs	15 00
I 6395	..do...	Louden & Flamingam	Printing	13 50

## INSTRUCTION VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1916			
I 6396	Feb. 18	Illinois State Reformatory	Printing	\$ 25 50
I 6397	..do.	E. H. Sargent & Co.	Laboratory supplies	478 66
I 6398	..do.	Macbeth-Evans Glass Co.	..do.	285 12
I 6399	..do.	G. C. Willis	General supplies	24 23
I 6400	Feb. 19	Florence Stoutzenberg	Wages, February, 1916	30 00
I 6401	..do.	W. W. Jennings	Salary, February, 1916	80 00
I 6402	..do.	City of Chicago	Incidentals	20 00
I 6403	..do.	S. S. White Dental Mfg. Co.	Laboratory supplies	187 50
I 6404	..do.	John J. Arnold	Traveling expenses	12 00
I 6405	..do.	John H. Doyle	General supplies	1 22
I 6406	..do.	University of Illinois Supply Store	..do.	41 01
I 6407	..do.	William Abbott	..do.	7 40
I 6408	..do.	J. M. Hanson-Bennett Magazine Agency	Books	2 00
I 6409	..do.	F. Stammer	..do.	10 00
I 6410	..do.	The Cadmus Book Shop	..do.	55 25
I 6411	..do.	Macmillan Co.	..do.	23 01
I 6412	..do.	Houghton Mifflin Co.	..do.	21 87
I 6413	..do.	Emil Borgmann	..do.	12 70
I 6414	..do.	D. Van Nostrand Co.	..do.	4 05
I 6415	..do.	Wm. Gerhard	..do.	7 21
I 6416	..do.	The Franklin Bookshop	..do.	7 50
I 6417	..do.	Chicago Produce Co.	..do.	14 17
I 6418	..do.	Leo S. Olschki	..do.	20 40
I 6419	..do.	John Wheldon & Co.	..do.	2 20
I 6420	..do.	Tice & Lynch	Freight	13 53
I 6421	..do.	Statute Law Book Co.	Books	22 50
I 6422	..do.	The Boston Book Co.	..do.	2 00
I 6423	..do.	Ritter & Flebbe	..do.	5 50
I 6424	..do.	The Science Press	Journals	3 75
I 6425	..do.	Archives of Psychology	Books	5 00
I 6426	..do.	The John Clark Co.	..do.	23 00
I 6427	..do.	The Johns Hopkins Press	..do.	25 00
I 6428	..do.	Goodspeed's Book Shop	..do.	8 00
I 6429	..do.	Samuel N. Rhoads, Franklin Bookshop	..do.	10 47
I 6430	..do.	Holland Brass Works	General supplies	5 70
I 6431	..do.	The Chester Transfer	Traveling expenses	4 00
I 6432	..do.	A. L. A. Publishing Board	Books	2 18
I 6433	..do.	G. W. Sheldon & Co.	Freight	6 74
I 6434	..do.	The Survey	Publications	1 80
I 6435	..do.	The New York Botanical Garden	Books	1 50
I 6436	..do.	The Arthur H. Clark Co.	..do.	10 40
I 6437	..do.	C. Gerhardt & Co.	..do.	15 00
I 6438	..do.	T. J. Fitzpatrick	..do.	1 66
I 6439	..do.	The Hispanic Society	..do.	1 89
I 6440	..do.	Pownser's Book Store	..do.	13 50
I 6441	Feb. 21	E. H. Sargent & Co.	General supplies	18 74
I 6442	..do.	Burroughs Adding Machine Co.	Repair work	4 00
I 6443	..do.	Federal Steel Fixture Co.	Shelving	27 23
I 6444	..do.	Peck & Hills Furniture Co.	Tables	21 46
I 6445	..do.	Alfonse Bertagnolli	Labor	3 00
I 6446	..do.	Chicago Live Stock World	Subscription	2 00
I 6447	..do.	The Western Roofing & Supply Co.	Cement roofing	17 40
I 6448	..do.	R. F. Johnson	Laboratory supplies	9 00
I 6449	..do.	W. Lewis & Co.	Cotton batting	2 00
I 6450	..do.	Harris-Dillavou & Co.	General supplies	7 00
I 6451	..do.	The Brecht Co.	Block scraper	17 95
I 6452	..do.	The Howe Scale Co.	Scale repairs	8 00
I 6453	..do.	Oldham Brothers	Sloan's liniment	1 75
I 6454	..do.	Irvine W. Maxwell	Straw	60 45
I 6455	..do.	F. A. Wiltz	Laboratory supplies	6 00
I 6456	..do.	F. J. Burns & Co.	Frogs	7 20
I 6457	..do.	The Chester Transfer Co.	Traveling expenses	3 00
I 6458	..do.	Neostyle Co.	Stencil paper	1 75
I 6459	..do.	Spencer Lens Co.	Microscopes	527 00
I 6460	..do.	Brown & Sharpe Mfg. Co.	Steel rules	6 94
I 6461	..do.	Franklin Desk Factory	Table	35 00
I 6462	..do.	James Clark Leather Co.	General supplies	1 25
I 6463	..do.	General Chemical Co.	Phosphate	1 00
I 6464	..do.	S. E. Huff & Co.	Cypress	6 30
I 6465	..do.	D. Van Nostrand Co.	Books	1 35
I 6466	..do.	Lemcke & Buechner	..do.	3 01
I 6467	..do.	J. M. Hanson-Bennett Magazine Agency	..do.	1 00
I 6468	..do.	The H. W. Wilson Co.	..do.	1 00
I 6469	..do.	The Traffic World	..do.	3 35
I 6470	..do.	The Franklin Bookshop	..do.	5 00
I 6471	..do.	Houghton Mifflin Co.	..do.	7 60
I 6472	..do.	Macmillan Co.	..do.	1 23
I 6473	..do.	The John Crerar Library	..do.	2 00

## INSTRUCTION VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1916			
I 6474	Feb. 21	V. Mueller & Co.	Laboratory apparatus.	\$ 30 00
I 6475	.do.	Cardinell-Vincent Co.	Prints.	21 50
I 6476	.do.	Lena A. Roth.	Wages, February, 1916	50 00
I 6477	.do.	Cameron, Amberg & Co.	Printing	19 00
I 6478	.do.	M. E. Thompson, Cashier.	Express bills	38 48
I 6479	.do.	M. E. Thompson, Cashier.	.do.	49 12
I 6480	.do.	M. E. Thompson, Cashier.	.do.	16 61
I 6481	.do.	M. E. Thompson, Cashier.	Labor bills	158 92
I 6482	.do.	Pay roll.	February, 1916	1,315 00
		Broday, Esther.	Salary	\$ 55 00
		Froberg, Eric.	.do.	75 00
		Fletcher, E. C.	.do.	125 00
		Peterson, Florence W.	.do.	40 00
		Bramm, William.	.do.	45 00
		David, Eshoo.	.do.	55 00
		David, Simon.	.do.	50 00
		George, Elia.	.do.	50 00
		Kastamos, John.	.do.	50 00
		Allen, Josephine.	.do.	55 00
		Seaberg, Elin M.	.do.	70 00
		Buehl, Henrietta.	.do.	60 00
		Loomis, Metta.	.do.	100 00
		Bates, Margaret.	.do.	50 00
		Wyatt, E. G.	.do.	40 00
		Rumry, Florence.	.do.	40 00
		Hoy, Anna.	.do.	60 00
		Tomek, Gertrude.	.do.	65 00
		David, Paul.	.do.	60 00
		Gubbins, Maud.	.do.	65 00
		Moorehead, Mary.	.do.	40 00
		Eclan, Anna R.	.do.	65 00
I 6483	.do.	Pay roll.	February, 1916	75 00
I 6484	.do.	Pay roll.	.do.	5,987 13
I 6485	Feb. 22	Chicago Medical Book Co.	Books.	16 82
I 6486	.do.	E. H. Sargent & Co.	Laboratory supplies.	178 43
I 6487	.do.	Neostyle Co.	General supplies.	25 00
I 6488	.do.	Maas Brothers.	.do.	1 60
I 6489	.do.	V. Mueller & Co.	.do.	15 75
I 6490	.do.	W. H. Salisbury & Co.	Tubing.	2 90
I 6491	.do.	Remington Typewriter Co.	Office supplies.	13 50
I 6492	.do.	A. C. McClurg & Co.	Paper weights.	1 00
I 6493	.do.	R. H. Fleming Publishing Co.	Advertising.	25 00
I 6494	.do.	Charles A. Foyer & Co.	General supplies.	4 00
I 6495	.do.	Ernst Leitz.	Lens paper.	5 23
I 6496	.do.	Cosmo Electric Construction Co.	General supplies.	50 00
I 6497	.do.	Central Electric Co.	Electric lamps.	32 04
I 6498	.do.	American Can Co.	Adding machine.	39 50
I 6499	.do.	Ethel Bond.	Traveling expenses.	33 25
I 6500	.do.	Ernest J. Reece.	.do.	33 99
I 6501	.do.	L. H. Provine.	.do.	12 14
I 6502	.do.	B. S. Pickett.	.do.	11 92
I 6503	.do.	Leon D. Tilton.	.do.	5 42
I 6504	.do.	E. W. Donoho.	Lectures.	30 00
I 6505	.do.	Josephine K. Allison.	Services.	85 00
I 6506	.do.	Susan B. Walcott.	.do.	60 00
I 6507	.do.	Carl Adams.	Wages, February, 1916	52 50
I 6508	.do.	H. B. Ingalls.	Salary, February, 1916	32 50
I 6509	.do.	The Lord Baltimore Press.	Printing.	7 60
I 6510	.do.	Williams & Wilkins Co.	.do.	7 60
I 6511	.do.	Louden & Flaningam.	.do.	1 25
I 6512	.do.	E. L. Smith.	Live stock.	2,400 00
I 6513	.do.	Eleanor Peterson.	Wages, February, 1916	30 00
I 6514	.do.	Elizabeth Collom.	.do.	35 00
I 6515	.do.	Marie Freeman.	.do.	50 00
I 6516	.do.	Albert Bradford.	Salary, February, 1916	60 00
I 6517	.do.	J. E. Morgan.	.do.	10 00
I 6518	.do.	Mrs. Louise Redman.	.do.	60 00
I 6519	.do.	Mrs. May Kramer.	.do.	50 00
I 6520	.do.	Mrs. Lizzie Shue.	.do.	40 00
I 6521	.do.	Mrs. A. D. Horn.	.do.	40 00
I 6522	Feb. 23	The Lawyers Co-operative Publishing Co.	Books.	8 50
I 6523	.do.	The Boston Book Co.	.do.	26 00
I 6524	.do.	T. H. Flood & Co.	.do.	141 02
I 6525	.do.	Peek & Hills Furniture Co.	Tables.	127 50
I 6526	.do.	Art Metal Construction Co.	Laboratory apparatus.	138 38
I 6527	.do.	F. C. Jorgeson & Co.	Tables.	96 00
I 6528	.do.	Western Stoneware Co.	Clay.	1 15
I 6529	.do.	The Kalamazoo Multicopy Co.	Office supplies.	5 20

## INSTRUCTION VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1916			
I 6530	Feb. 23	Shenandoah Nurseries	Nursery stock	\$ 3 15
I 6531	..do.	The Linde Air Products Co.	Laboratory supplies	5 00
I 6532	..do.	G. C. Willis	Cheese cloth	3 23
I 6533	..do.	Vaughan's Seed Store	Seeds	35 74
I 6534	..do.	I. W. Maxwell	Straw	106 00
I 6535	..do.	Montgomery Ward & Co.	General supplies	32 39
I 6536	..do.	Watson Faulkner	Flake shellac	3 00
I 6537	..do.	U. S. Mica Mfg. Co.	Powder mica	1 25
I 6538	..do.	Electric Appliance Co.	Knife switches	42 06
I 6539	..do.	Crouse Hinds Co.	Switches	28 00
I 6540	..do.	E. H. Sargent & Co.	Sieves	30 15
I 6541	..do.	Keuffel & Esser Co.	Planimeter	10 61
I 6542	..do.	Cutler-Hammer Mfg. Co.	Rheostats	6 60
I 6543	..do.	Sangamo Electric Co.	Electrical supplies	2 50
I 6544	..do.	Weston Electric Instrument Co.	Voltmeter repairs	13 50
I 6545	..do.	Lavina Dille	Salary, February, 1916	60 00
I 6546	..do.	National Lamp Works	Refractor unit	7 50
I 6547	..do.	Frederic A. De Lay	Laboratory apparatus	27 50
I 6548	..do.	Chester G. Vernier	Traveling expenses	7 04
I 6549	..do.	The Citator Publishing Co.	Citator	40 00
I 6550	..do.	G. E. Stechert & Co.	Books	25 00
I 6551	..do.	Maas Brothers	General supplies	3 10
I 6552	..do.	Peck & Hills Furniture Co.	Chair	4 75
I 6553	..do.	The A. H. Abbott Co.	Laboratory supplies	16 10
I 6554	..do.	McIntosh Stereopticon Co.	Carbons	10 07
I 6555	..do.	A. C. McClurg & Co.	Laboratory supplies	14 00
I 6556	..do.	Ella R. Michaels	Coats	6 00
I 6557	..do.	Cosmo Electric Construction Co.	Electric current	10 00
I 6558	..do.	W. D. Allen Mfg. Co.	Pulley	2 75
I 6559	..do.	Bradner Smith & Co.	General supplies	2 20
I 6560	..do.	Ahrens & Schreiner	Laboratory supplies	1 55
I 6561	..do.	Elmer & Amend	..do.	24 03
I 6562	..do.	Illinois State Reformatory	Printing	3 15
I 6563	..do.	Flanagan-Pearson Co.	..do.	3 50
I 6564	..do.	Louden-Flanigan	..do.	3 50
I 6565	..do.	The Montgomery News	Printing	96 00
I 6566	..do.	H. S. Capron, Treasurer	Material furnished from University storeroom	394 07
I 6567	Feb. 24	Burgmeier Book Bindery	Books	163 70
I 6568	..do.	James H. Greene	Traveling expenses	4 14
I 6569	..do.	M. A. Donohue & Co.	General supplies	10 80
I 6570	..do.	Ward's Natural Science Establishment	Fossils	39 85
I 6571	..do.	C. C. Chapman	Traveling expenses	3 40
I 6572	..do.	W. C. Coffey	..do.	7 35
I 6573	..do.	Claude Harper	..do.	3 13
I 6574	..do.	W. J. Carmichael	..do.	9 78
I 6575	..do.	F. K. Robeson	..do.	2 56
I 6576	..do.	Carl Rowland	Salary, February, 1916	46 16
I 6577	..do.	Andrew Tornquist	..do.	75 00
I 6578	..do.	Lawrence Nesbitt	..do.	55 00
I 6579	..do.	M. D. Rose	..do.	55 00
I 6580	..do.	Roy Argo	..do.	60 00
I 6581	..do.	Luey M. Barto	..do.	20 00
I 6582	..do.	D. T. Brooks	..do.	35 20
I 6583	..do.	Jasper Dillon	..do.	60 00
I 6584	..do.	Ralph Eaton	..do.	47 50
I 6585	..do.	Joseph Edwards	..do.	50 00
I 6586	..do.	W. J. Engle	..do.	80 00
I 6587	..do.	Lawrence Engle	..do.	25 00
I 6588	..do.	B. C. Geisel	..do.	47 50
I 6589	..do.	W. J. Hampton	..do.	75 00
I 6590	..do.	W. C. Jones	..do.	75 00
I 6591	..do.	C. E. Nay	..do.	50 00
I 6592	..do.	Fred Pine	..do.	80 00
I 6593	..do.	Frank Sanders	..do.	50 00
I 6594	..do.	J. F. Smith	..do.	75 00
I 6595	..do.	Charles H. Wheatcraft	..do.	50 00
I 6596	..do.	H. Williamson	..do.	50 00
I 6597	..do.	Hosy Kirby	..do.	50 00
I 6598	..do.	W. N. Hutchinson	..do.	47 50
I 6599	..do.	J. T. Thompson	..do.	50 00
I 6600	..do.	J. R. Kelley	..do.	65 00
I 6601	..do.	H. D. McQueen	..do.	55 00
I 6602	..do.	W. M. Woods	..do.	50 00
I 6603	..do.	C. C. Chapman	..do.	100 00
I 6604	..do.	B. H. Dunlap	..do.	70 00
I 6605	..do.	L. A. Hunter	..do.	80 00
I 6606	..do.	Alice Reed	..do.	60 00

## INSTRUCTION VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1916			
I 6607	Feb. 24	J. S. Whitmire	Salary, February, 1916	\$ 60 00
I 6608	..do..	A. J. Stoneburner	..do..	50 00
I 6609	..do..	Charles Pollard	..do..	50 00
I 6610	..do..	Ralph Chaplin	..do..	60 00
I 6611	..do..	D. C. Sprinkle	..do..	50 00
I 6612	..do..	H. O. Woodworth	..do..	55 00
I 6613	..do..	W. L. Harry	..do..	100 00
I 6614	..do..	Harry Pritchard	..do..	70 00
I 6615	..do..	Ralph Pritchard	..do..	65 00
I 6616	..do..	Emmett Brentlinger	..do..	55 00
I 6617	..do..	Edd Taylor	..do..	50 00
I 6618	..do..	Lucy Lowe	..do..	45 00
I 6619	..do..	George Bote	..do..	85 00
I 6620	..do..	John Flocken	..do..	65 00
I 6621	..do..	Earl Meenach	..do..	70 00
I 6622	..do..	J. E. Murdock	..do..	65 00
I 6623	..do..	H. B. Deets	..do..	62 00
I 6624	..do..	S. B. Hamilton	..do..	50 00
I 6625	..do..	Clyde Hamlin	..do..	60 00
I 6626	..do..	W. T. Marsh	..do..	50 00
I 6627	..do..	John Papfrey	..do..	75 00
I 6628	..do..	Elmer Jenkins	..do..	60 00
I 6629	..do..	Lulu Meyers	..do..	50 00
I 6630	Feb. 25	J. C. Anderson	..do..	70 00
I 6631	..do..	Ralph Engle	..do..	30 00
I 6632	..do..	Howard G. Osborne	..do..	65 00
I 6633	..do..	Robert W. Stark	..do..	100 00
I 6634	..do..	W. L. Bennett	..do..	75 00
I 6635	..do..	Lloyde R. Caldwell	..do..	50 00
I 6636	..do..	T. H. Lloyd	..do..	50 00
I 6637	..do..	W. W. Wilson	..do..	50 00
I 6638	..do..	L. M. Wakeley	..do..	70 00
I 6639	..do..	Earl Garver	..do..	65 00
I 6640	..do..	C. F. Goodman	..do..	60 00
I 6641	..do..	C. C. Jensen	..do..	60 00
I 6642	..do..	L. W. Colton	..do..	60 00
I 6643	..do..	Bertram Abney	..do..	60 00
I 6644	..do..	J. D. Fuller	..do..	55 00
I 6645	..do..	G. S. Beaumont	..do..	60 00
I 6646	..do..	R. S. Dunham	..do..	60 00
I 6647	..do..	M. E. Carlson	..do..	60 00
I 6648	..do..	H. C. Lawson	..do..	60 00
I 6649	..do..	I. J. Reinhart	..do..	60 00
I 6650	..do..	H. A. Cate	..do..	70 00
I 6651	..do..	Nina B. Crigler	..do..	40 00
I 6652	..do..	G. E. Stechert & Co	Books	2,084 51
I 6653	..do..	A. C. McClurg & Co	..do..	430 52
I 6654	..do..	J. M. Hanson-Bennett Magazine Agency	..do..	59 50
I 6655	..do..	Cummin & Masson	..do..	29 18
I 6656	..do..	W. Heffer & Sons	..do..	83 43
I 6657	..do..	University of Illinois Supply Store	..do..	25 51
I 6658	..do..	Louis Vezinaud	..do..	2 80
I 6659	..do..	Ditta F. Casella	..do..	1 00
I 6660	..do..	B. H. Blackwell	..do..	3 50
I 6661	..do..	Sweet & Maxwell	..do..	6 10
I 6662	..do..	Martins Nijhoff	..do..	3 30
I 6663	..do..	Henry Sothers & Co	..do..	25 03
I 6664	..do..	P. J. & A. E. Dogell	..do..	26 32
I 6665	..do..	J. A. Nenhuis	..do..	18 38
I 6666	..do..	Catala Freren	..do..	63 77
I 6667	..do..	Fernando Fe	..do..	5 07
I 6668	..do..	A. L. Puig Ros & Parra Almenar, payable to D. Appleton & Co	..do..	43 40
I 6669	..do..	Henry Stevens Son & Stiles	..do..	108 25
I 6670	..do..	M. E. Thompson, Cashier	Labor bills	245 38
I 6671	..do..	M. E. Thompson, Cashier	Sundry bills	93 77
I 6672	..do..	M. E. Thompson, Cashier	Labor bills	186 15
I 6673	Feb. 28	Earl Harrington	Salary, February, 1916	60 00
I 6674	..do..	A. L. Moody	..do..	55 00
I 6675	..do..	Baker & Co	Platinum dish	8 36
I 6676	..do..	The Roessler & Hasslacher Chemical Co.	Laboratory apparatus	37 50
I 6677	..do..	Goldschmidt Thermit Co.	Laboratory supplies	20 25
I 6678	..do..	Chesley & Co.	..do..	8 00
I 6679	..do..	Corbin Cabinet Lock Co	Padlocks	10 43
I 6680	..do..	Crane Co	Galvanized pipes	4 04
I 6681	..do..	Wilson-Maeulen Co	Pyrometer tubes	6 75
I 6682	..do..	The Engineering Magazine	Books	4 00
I 6683	..do..	S. E. Huff & Co	Laboratory supplies	26 50

## INSTRUCTION VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1916			
I 6684	Feb. 28	Leavitt Mfg. Co.	Coke	\$ 18 38
I 6685	do.	Edward Orton, Jr.	Laboratory supplies	2 00
I 6686	do.	Keuffel & Esser Co.	Surveyor slides	12 60
I 6687	do.	Westinghouse Electric & Mfg. Co.	Laboratory apparatus	13 30
I 6688	do.	Ludlow-Saylor Wire Co.	Brass wire	1 60
I 6689	do.	R. C. Wagner & Son	Coal and coke	25 82
I 6690	do.	Mining & Scientific Press	General supplies	1 40
I 6691	do.	Shapleigh Hardware Co.	Laboratory apparatus	11 00
I 6692	do.	The Lunkenheimer Co.	General supplies	14 43
I 6693	do.	C. C. Logan	Traveling expenses	17 18
I 6694	do.	Eugene Dietzgen Co.	General supplies	18 58
I 6695	do.	V. Mueller & Co.	Laboratory apparatus	14 40
I 6696	do.	W. G. Griffith	Corn	50 00
I 6697	do.	Armour Fertilizer Works	Bone meal	12 38
I 6698	do.	E. H. Sargent & Co.	General supplies	333 78
I 6699	do.	Woldenberg & Schaar	do.	4 90
I 6700	do.	Elmer & Amend	Laboratory supplies	3 84
I 6701	do.	The Frederick Post Co.	Blue print material	1 33
I 6702	do.	Eisner Grocery Co.	General supplies	4 32
I 6703	do.	Twin City Roofing Co.	Machinery	4 00
I 6704	do.	Champaign Rubber Works	Machine repairs	2 25
I 6705	do.	W. V. Kirby Auto Co.	do.	2 95
I 6706	do.	Blanke Mfg. & Supply Co.	Gong brushes	1 90
I 6707	do.	Illinois State Penitentiary	Brooms	5 50
I 6708	do.	The Creamery Package Mfg. Co.	Strainers	46 69
I 6709	do.	Twin City Creamery Co.	General supplies	15 34
I 6710	do.	Louis F. Nafis	Laboratory supplies	35 45
I 6711	do.	N. W. Hopburn	Traveling expenses	8 19
I 6712	do.	W. Lewis & Co.	Laboratory supplies	1 80
I 6713	do.	Burrighs Adding Machine Co.	Machine repairs	4 50
I 6714	do.	The Alexander Lumber Co.	Cypress	47 75
I 6715	do.	Reliable Plumbing & Heating Co.	Apparatus repairs	10 80
I 6716	do.	Watson Faulkner	General supplies	2 30
I 6717	do.	Oldham Brothers	Chemicals	4 85
I 6718	do.	H. P. Rusk	Traveling expenses	20 69
I 6719	do.	John H. Doyle	General supplies	2 85
I 6720	do.	Walter H. Rowe	Services	184 00
I 6721	do.	The Guide Publishing Co.	Office supplies	2 00
I 6722	do.	Taylor Hardware Co.	General supplies	4 00
I 6723	do.	A. W. Nolan	Traveling expenses	6 85
I 6724	do.	Wilhelm Miller	do.	6 80
I 6725	do.	Arthur H. Thomas Co.	Office supplies	2 53
I 6726	do.	The Forest Press	Books	45 00
I 6727	do.	American Educational Alliance	do.	50 00
I 6728	do.	Doubleday, Page & Co.	do.	2 30
I 6729	do.	William J. Gerhard	do.	18 50
I 6730	do.	Ulrico Hoepf	do.	1 05
I 6731	do.	The Coal Trade Journal	do.	37 00
I 6732	do.	J. Gamber	do.	2 80
I 6733	do.	Samuel N. Rhoads	do.	73 00
I 6734	do.	Prairie State Incubator Co.	Stove brooder	11 25
I 6735	do.	John Reichard	Oats	266 10
I 6736	do.	Humphreys-Godwin Co.	Meal	170 00
I 6737	do.	Harris-Dillavou & Co.	General supplies	7 00
I 6738	do.	Frank H. Demaree, Publisher	Record books	2 00
I 6739	do.	Houser & Sutton	Clover hay	173 88
I 6740	do.	D. T. Dobbins	Grinding grain	1 55
I 6741	do.	Peck & Hills Furniture Co.	Mirror	1 32
I 6742	do.	Champaign Seed Co.	Alfalfa meal	13 50
I 6743	do.	Palmer Brothers	Oil	1 15
I 6744	do.	Western Stoneware Co.	Laboratory supplies	1 80
I 6745	do.	Moody Manual Co.	Books	30 00
I 6746	do.	W. W. Wilson	Traveling expenses	25 21
I 6747	do.	Wm. H. Browne	do.	17 45
I 6748	do.	Dallenbach Brothers	General supplies	8 08
I 6749	do.	Metzler & Schafer Co.	do.	63 70
I 6750	do.	Miss Anna May Price	Traveling expenses	6 28
I 6751	do.	W. Z. Black	Live stock	125 00
I 6752	do.	Bacon Brothers	General supplies	6 55
I 6753	do.	Sefton Mfg. Co.	Laboratory supplies	18 92
I 6754	do.	Samuel Watson	General supplies	12 00
I 6755	do.	Victoriano Suarez	Books	1 26
I 6756	do.	Carl H. Reuter	Laboratory apparatus	4 50
I 6757	do.	A. C. McClurg & Co.	Books	25 30
I 6758	do.	Ostrander Fire Brick Co.	White clay	2 50
I 6759	do.	Associated Advertising Clubs of the World	Report	1 00



## INSTRUCTION VOUCHERS—Continued.

No	Date.	To whom.	For what.	Amount.
	1916			
I 6760	Feb. 28	National Fire Protection Association.	Incidentals.	\$ 5 00
I 6761	do.	G. E. Stecher & Co.	Books.	268 28
I 6762	do.	S. S. White Dental Mfg. Co.	Laboratory supplies.	1 80
I 6763	do.	Chicago Medical Book Co.	Books.	5 53
I 6764	do.	A. Kroch & Co.	do.	15 00
I 6765	do.	R. D. Swisher Mfg. Co.	Office supplies.	1 45
I 6766	do.	Bradner, Smith & Co.	General supplies.	1 06
I 6767	do.	Maas Brothers.	do.	2 57
I 6768	do.	General Electric Co.	Laboratory apparatus.	91 65
I 6769	do.	Commonwealth Edison Co.	Electric current.	149 52
I 6770	do.	Thomas J. Dee & Co.	Laboratory supplies.	283 40
I 6771	do.	Cosmo Electric Construction Co.	Laboratory apparatus.	105 00
I 6772	do.	John McIntosh Co.	do.	3 50
I 6773	do.	Aaron Peters Laboratories.	Paper towels.	36 00
I 6774	Feb. 29	Eugene Dietzgen Co.	General supplies.	10 06
I 6775	do.	Peoples Gas Light & Coke Co.	Gas.	58 34
I 6776	do.	B. Login & Son.	Books.	88 30
I 6777	do.	Houser & Sutton.	Hay.	169 96
I 6778	do.	Schrieber & Sons.	Lantern slides.	55 00
I 6779	do.	Central Scientific Co.	Laboratory supplies.	11 65
I 6780	do.	Pilon & Rodgers.	General supplies.	3 00
I 6781	do.	Eisner Grocery Co.	Laboratory supplies.	2 23
I 6782	do.	The Burr Co.	General supplies.	2 93
I 6783	do.	Woldenberg & Schaar.	Laboratory supplies.	43 36
I 6784	do.	Mallinckrodt Chemical Works.	do.	37 50
I 6785	do.	Hunter, Rourke & Co.	General supplies.	4 50
I 6786	do.	Elmer & Amend.	Laboratory supplies.	26 67
I 6787	do.	G. E. Stecher & Co.	Books.	31 77
I 6788	do.	Harris-Dillavou & Co.	General supplies.	17 50
I 6789	do.	O. E. Shobe.	Rentals.	3 00
I 6790	do.	The Linde Air Products Co.	Laboratory supplies.	3 00
I 6791	do.	N. J. Entomological Co.	do.	4 50
I 6792	do.	The Caldwell Co.	General supplies.	1 50
I 6793	do.	E. H. Sargent & Co.	Laboratory supplies.	34 46
I 6794	do.	Corbin Cabinet Lock Co.	Padlocks.	3 70
I 6795	do.	U. S. Blue Print Paper Co.	General supplies.	1 67
I 6796	do.	Kilborn Photo-Paper Co.	do.	3 99
I 6797	do.	Keuffel & Esser Co.	do.	10 37
I 6798	do.	Powers & Powers.	Laboratory supplies.	21 00
I 6799	do.	Lloyd R. Caldwell.	Traveling expenses.	28 94
I 6800	do.	Central Egg Carrier Co.	General supplies.	7 03
I 6801	do.	J. C. Thomas.	Coal heater.	35 30
I 6802	do.	Champaign Seed Co.	Animal feed.	3 62
I 6803	do.	Barron Bros. Coal Co.	do.	2 08
I 6804	do.	Maas Brothers.	General supplies.	72 80
I 6805	do.	V. Mueller & Co.	do.	32 50
I 6806	do.	Peck & Hills Furniture Co.	Office equipment.	10 25
I 6807	do.	Keystone Type Foundry.	General supplies.	2 00
I 6808	do.	McIntosh Stereopticon Co.	Cored carbons.	1 86
I 6809	do.	Pittsburgh Plate Glass Co.	Glass.	1 75
I 6810	do.	Cosmo Electric Construction Co.	Contract.	20 00
I 6811	do.	Machinist Supply Co.	Laboratory apparatus.	1 81
I 6812	do.	The Western Electric Co.	Desk lamp.	2 43
I 6813	do.	Consumers Co.	General supplies.	5 04
I 6814	do.	Ahrens & Schreiner.	Animal feed.	2 00
I 6815	do.	Swift & Co.	do.	2 50
I 6816	do.	Sprague, Warner & Co.	do.	6 00
I 6817	do.	John Becker.	Guinea pigs.	9 00
I 6818	do.	Marshall Field & Co.	General supplies.	78 67
I 6819	do.	Arthur Ochs.	Rabbits.	31 50
I 6820	do.	Pay roll.	Student assistants.	602 00
I 6821	do.	Arthur M. Forsyth.	Salary.	75 00
I 6822	do.	The University Press.	Printing.	9 00
I 6823	do.	Illinois State Reformatory.	do.	26 60
I 6824	do.	Louden & Flanigan.	do.	5 25
I 6825	do.	M. E. Thompson, Cashier.	Bills paid.	99 00
I 6826	do.	M. E. Thompson, Cashier.	Labor bills.	195 70
I 6827	do.	Gustav Fock.	Books.	255 10
I 6828	do.	James T. Groot.	Services.	68 40
I 6829	do.	Marshall Field & Co.	Laboratory supplies.	15 50
I 6830	do.	John Becker.	Rabbits.	9 00
I 6831	do.	V. Mueller & Co.	Laboratory repairs.	2 75
I 6832	do.	Peck & Hills Furniture Co.	Desk.	31 38
I 6833	do.	C. L. Frame Dental Supply Co.	Laboratory supplies.	3 82
I 6834	do.	Johnson Service Co.	Reducing valves.	12 02
I 6835	do.	Elmer & Amend.	Laboratory supplies.	27 54
I 6836	do.	B. F. Stevenson & Son.	do.	2 23
I 6837	do.	American Hereford Breeders' Assn.	Sundries.	4 25

## INSTRUCTION VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1916			
I 6838	Feb. 29	C. F. Harding	Salary, February, 1916	\$ 100 00
I 6839	..do.	Illinois State Reformatory	Printing	9 25
I 6840	..do.	H. S. Capron, Treasurer	Material furnished from University storeroom	355 49
I 6841	..do.	H. S. Capron, Treasurer	..do.	1,178 70
I 6842	Mar. 3	Agnes A. Wagner	Wages, February, 1916	40 00
I 6843	..do.	Louise Bennett	..do.	48 50
I 6844	..do.	C. E. Hull	..do.	37 50
I 6845	..do.	A. L. Shriver	..do.	51 48
I 6846	Mar. 4	R. M. Strickland	..do.	9 90
I 6847	..do.	Paul Arndt	..do.	8 20
I 6848	..do.	H. Hungerford	..do.	9 60
I 6849	..do.	S. K. Farah	..do.	25 40
I 6850	..do.	Bayard U. Klotzsche	..do.	39 60
I 6851	..do.	Berthier Fairbanks	..do.	29 80
I 6852	..do.	Lloyd B. Dickey	..do.	35 50
I 6853	..do.	R. H. Freark	..do.	1 60
I 6854	..do.	Harwood Otto	..do.	1 00
I 6855	..do.	J. E. Wilkins	..do.	9 42
I 6856	..do.	Henry Jacobson	..do.	8 80
I 6857	..do.	A. R. Barker	..do.	24 40
I 6858	..do.	A. B. Close	..do.	5 45
I 6859	..do.	R. F. Harvey	..do.	14 70
I 6860	..do.	W. R. Jones	..do.	37 30
I 6861	..do.	Floyd Keepers	..do.	29 00
I 6862	..do.	Lloyd Keepers	..do.	30 55
I 6863	..do.	A. R. Kinsey	..do.	11 70
I 6864	..do.	A. E. Kraeckman	..do.	4 00
I 6865	..do.	John Lamb	..do.	9 00
I 6866	..do.	J. L. Munson	..do.	29 40
I 6867	..do.	J. M. Oxman	..do.	11 17
I 6868	..do.	Stanley Wilkins	..do.	55 85
I 6869	..do.	H. P. Kelley	..do.	32 00
I 6870	..do.	B. H. Questel	..do.	20 25
I 6871	..do.	D. N. Houghton	..do.	24 00
I 6872	..do.	R. I. Shawl	..do.	13 00
I 6873	..do.	G. H. Dungan	..do.	28 25
I 6874	..do.	Ward McGartney	..do.	6 40
I 6875	..do.	Ruth I. Mussenden	..do.	30 00
I 6876	..do.	Arthur Semple	..do.	33 41
I 6877	..do.	R. L. Reese	..do.	6 65
I 6878	..do.	Daniel E. Warren	..do.	17 63
I 6879	..do.	D. J. Campbell	..do.	3 40
I 6880	..do.	E. E. Elliott	..do.	6 20
I 6881	..do.	H. Miner	..do.	15 05
I 6882	..do.	W. T. Martin	..do.	34 20
I 6883	..do.	R. L. Reece	..do.	25 55
I 6884	..do.	E. I. Pilchard	..do.	22 00
I 6885	..do.	G. L. Rigg	..do.	14 50
I 6886	..do.	Douglas Wright, Jr.	..do.	20 50
I 6887	..do.	A. P. Holt	..do.	46 00
I 6888	..do.	E. P. Fager	..do.	14 25
I 6889	..do.	David E. Creighton	..do.	15 60
I 6890	..do.	C. M. Linsley	..do.	53 25
I 6891	..do.	A. E. McCoy	..do.	31 00
I 6892	..do.	E. S. Axline	..do.	32 88
I 6893	..do.	E. C. Eckstein	..do.	75 00
I 6894	..do.	W. F. Campbell	..do.	24 00
I 6895	..do.	H. A. Shonle	..do.	24 13
I 6896	..do.	H. R. Stanford	..do.	83 33
I 6897	Mar. 7	M. E. Thompson, Cashier	Labor bills	195 27
I 6898	..do.	M. E. Thompson, Cashier	..do.	411 52
I 6899	Mar. 8	J. W. Rhinesmith	Salary, February, 1916	45 83
I 6900	..do.	Mark Small	..do.	65 00
I 6901	..do.	Dan Whitley	..do.	44 80
I 6902	..do.	K. E. Gelsendorfer	Wages, February, 1916	24 90
I 6903	..do.	F. Louret	..do.	34 50
I 6904	..do.	F. Stewart	..do.	18 20
I 6905	..do.	Frank Leggett	..do.	20 20
I 6906	..do.	C. S. Rhode	..do.	18 95
I 6907	..do.	M. H. Campbell	..do.	17 25
I 6908	..do.	E. E. Lawson	..do.	29 60
I 6909	..do.	Roy Johnston	..do.	36 65
I 6910	..do.	H. N. Felton	..do.	10 00
I 6911	..do.	J. M. Ketch	..do.	14 95
I 6912	..do.	C. Anderson	..do.	14 40
I 6913	..do.	L. E. Voorhees	..do.	16 00
I 6914	..do.	V. Voorhees	..do.	14 40

## INSTRUCTION VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1916			
I 6915	Mar. 8	H. R. Richardson	Wages, February, 1916	\$ 23 70
I 6916	..do..	D. G. Evans	..do..	21 50
I 6917	..do..	Edw. Lerch	..do..	21 82
I 6918	..do..	Eisner Grocery Co.	Laboratory supplies	1 62
I 6919	..do..	General Chemical Co.	..do..	205 96
I 6920	..do..	Eimer & Amend	..do..	624 15
I 6921	..do..	Underwood Typewriter Co.	Typewriter	55 00
I 6922	..do..	D. G. Swannell	Incidentals	23 75
I 6923	..do..	McKey & Poague	Rent	500 00
I 6924	..do..	M. H. Fairchild & Bro.	Soft soap	2 00
I 6925	..do..	Fuller-Morrisson Co.	Laboratory supplies	108 35
I 6926	..do..	The Burr Co.	General supplies	19 65
I 6927	..do..	Brown & Sharpe Mfg. Co.	..do..	1 59
I 6928	..do..	Percival & Moorehead	..do..	11 20
I 6929	..do..	Peck & Hills Furniture Co.	Tables	16 53
I 6930	..do..	Florence Harrison	Traveling expenses	10 13
I 6931	..do..	Wilhelm Miller	..do..	5 73
I 6932	..do..	Harvard Apparatus Co.	General supplies	2 55
I 6933	..do..	Meyer Camera & Instrument Co.	Reflex camera	6 00
I 6934	..do..	E. H. Sargent & Co.	Laboratory supplies	116 75
I 6935	..do..	Alexander Lumber Co.	Lumber	55 33
I 6936	..do..	John H. Doyle	General supplies	8 10
I 6937	..do..	G. E. Stechert & Co.	Books	40 68
I 6938	..do..	A. C. McClurg & Co.	..do..	6 70
I 6939	..do..	Taylor Hardware Co.	General supplies	10 30
I 6940	..do..	Library Bureau	Laboratory apparatus	220 97
I 6941	..do..	Milwaukee Chair Co.	Furniture	6 50
I 6942	..do..	E. A. Hitchcock	Traveling expenses	20 55
I 6943	..do..	Royal A. Stipes	Sand	3 50
I 6944	..do..	E. A. Eichhorst	General supplies	2 40
I 6945	..do..	Lafayette B. Mendel	Lectures	600 00
I 6946	..do..	Samuel Watson	General supplies	6 00
I 6947	..do..	Metzler & Schafer Co.	..do..	2 75
I 6948	..do..	S. E. Huff & Co.	..do..	14 25
I 6949	..do..	Conner & Quayle	Horseshoes	21 00
I 6950	..do..	D. T. Dobbins	Grinding feed	3 21
I 6951	..do..	Champaign Steam Laundry	Laundry	14 71
I 6952	..do..	B. E. Spalding	General supplies	6 25
I 6953	..do..	Oldham Brothers	Linent	2 00
I 6954	..do..	O. J. McCloskey	Straw	55 50
I 6955	..do..	W. H. Smith	Traveling expenses	8 75
I 6956	..do..	Wilton G. Brown	Services	44 29
I 6957	..do..	H. Swannell & Son	Laboratory supplies	8 75
I 6958	..do..	Huntley Dairy Co.	..do..	1 80
I 6959	..do..	Almer Coe & Co.	Photo plates	3 75
I 6960	..do..	American Medical Association	General supplies	2 50
I 6961	..do..	Physician's Supply & Drug Co.	Laboratory apparatus	12 50
I 6962	..do..	Chicago Telephone Co.	Services	11 41
I 6963	..do..	Cottage Grove Mfg. Co.	Laboratory apparatus	26 50
I 6964	..do..	Chicago Medical Book Co.	Books	10 15
I 6965	..do..	Sears, Roebuck & Co.	Toaster	1 40
I 6966	..do..	G. E. Stechert & Co.	Books	75 00
I 6967	..do..	B. Logan & Son	..do..	321 00
I 6968	..do..	Pittsburgh Plate Glass Co.	General supplies	15 04
I 6969	..do..	M. C. Gates	Lantern slides	4 05
I 6970	..do..	W. H. Salisbury & Co.	General supplies	1 10
I 6971	..do..	Whitall Tatum Co.	..do..	1 67
I 6972	..do..	American Medical Association	..do..	2 50
I 6973	..do..	Ahrens & Schreiner	Laboratory supplies	3 25
I 6974	..do..	Peck & Hills Furniture Co.	Desk	31 36
I 6975	..do..	Thomas J. Dee & Co.	Laboratory supplies	87 48
I 6976	..do..	A. C. McClurg & Co.	General supplies	6 59
I 6977	..do..	V. Mueller & Co.	Laboratory supplies	107 20
I 6978	..do..	Maas Brothers	General supplies	16 40
I 6979	..do..	Eimer & Amend	Laboratory supplies	1 97
I 6980	..do..	Hamblin Plumbing Co.	Plumbing	24 70
I 6981	..do..	Western Electric Co.	Electrical supplies	5 18
I 6982	..do..	The International Forwarding Co.	Freight	15 09
I 6983	..do..	Bradner Smith & Co.	Office supplies	11 50
I 6984	..do..	Sam'l Bingham's Son Mfg. Co.	Bolts	5 76
I 6985	..do..	Remington Typewriter Co.	Office supplies	4 00
I 6986	..do..	Sprague, Warner & Co.	General supplies	14 40
I 6987	..do..	Howard Dimmit	Guinea pigs	6 00
I 6988	..do..	John Becker	Rabbits	12 00
I 6989	..do..	Fuller-Morrisson Co.	Laboratory supplies	13 55
I 6990	Mar. 9	Harry Schultz	Salary, February, 1916	35 00
I 6991	..do..	Johann Becker	..do..	55 00
I 6992	..do..	William Kerechan	..do..	50 00

## INSTRUCTION VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1916			
I 6993	Mar. 9	Edwin J. Johns	Salary, February, 1916	\$ 45 00
I 6994	.do.	Peter Drennan	.do.	80 00
I 6995	.do.	Joseph Klena	.do.	60 00
I 6996	.do.	Carl Gitzke	.do.	30 00
I 6997	.do.	Jacob Solomon	.do.	30 00
I 6998	.do.	Nicholas Michalovich	.do.	50 00
I 6999	Mar. 10	S. E. Huff & Co.	General supplies	39 70
I 7000	.do.	B. A. Strauch	.do.	9 10
I 7001	.do.	The Burr Co.	.do.	1 00
I 7002	.do.	L. C. Smith & Bros.	Rent on machine	72 50
I 7003	.do.	Emil Borgmann	Books	6 36
I 7004	.do.	Central Scientific Co.	Laboratory supplies	5 84
I 7005	.do.	Wilson-Kneulen Co.	.do.	5 80
I 7006	.do.	John B. Bennett	Fire clay	3 15
I 7007	.do.	Marley Riley	Seed corn	60 00
I 7008	.do.	E. A. Eichhorst	Harness repairs	3 40
I 7009	.do.	Funk Bros. Seed Co.	Seed corn	7 50
I 7010	.do.	J. B. Marshall	Field work	104 75
I 7011	.do.	Stephen Rogers	.do.	15 18
I 7012	.do.	Elsner Grocery Co.	General supplies	26 65
I 7013	.do.	F. W. Garrett	Traveling expenses	73 12
I 7014	.do.	H. Fahrnkopf	.do.	33 57
I 7015	.do.	C. W. Crabtree	Field work	62 25
I 7016	.do.	Fred Falk	.do.	17 15
I 7017	.do.	Champaign Seed Co.	Clover seed	7 20
I 7018	.do.	Potato Implement Co.	Machinery	1 95
I 7019	.do.	A. F. Gustafson	Traveling expenses	16 67
I 7020	.do.	E. H. Sargent & Co.	Laboratory apparatus	84 83
I 7021	.do.	H. Swannell & Son	Laboratory supplies	2 50
I 7022	.do.	Arthur H. Thomas Co.	.do.	26 74
I 7023	.do.	F. K. Robeson	General supplies	5 02
I 7024	.do.	Charles Mollet	Laboratory apparatus	180 85
I 7025	.do.	The Buckeye Stamping Co.	General supplies	7 98
I 7026	.do.	J. G. Mosier	Field work	4 00
I 7027	.do.	Eugene Dietzgen Co.	Office supplies	11 85
I 7028	.do.	B. F. Stevenson & Son	General supplies	9 00
I 7029	.do.	The Newton & Hoy Co.	Desk and chairs	26 00
I 7030	.do.	Denver Fire Clay Co.	Laboratory apparatus	1 50
I 7031	.do.	C. C. Logan	Traveling expenses	24 70
I 7032	.do.	The Alexander Lumber Co.	Pine	2 70
I 7033	.do.	A. S. Nelson & Sons	General supplies	1 10
I 7034	.do.	Champaign Steam Laundry	Laundry	2 72
I 7035	.do.	Foehlmann Bros. Co.	General supplies	43 76
I 7036	.do.	H. F. Stienspring	Rock salt	3 00
I 7037	.do.	The Foley Greenhouse Mfg. Co.	Laboratory supplies	1 42
I 7038	.do.	Thomsen Chemical Co.	Sulphur	3 38
I 7039	.do.	G. C. Willis	Cotton	1 00
I 7040	.do.	J. W. Butler Paper Co.	Office supplies	18 60
I 7041	.do.	William Sullivan	Rent	400 00
I 7042	.do.	Scott Omaha Tent & Awning Co.	General supplies	7 05
I 7043	.do.	W. R. Jones	Traveling expenses	16 41
I 7044	.do.	Fred Pine	.do.	7 35
I 7045	.do.	Marion Brownfield	Straw	25 80
I 7046	.do.	W. C. Coffey	Traveling expenses	19 11
I 7047	.do.	Montgomery Ward & Co.	Machine repairs	3 00
I 7048	.do.	Armour Fertilizer Works	Bone meal	31 50
I 7049	.do.	Cyphers Incubator Co.	General supplies	1 50
I 7050	.do.	Harris-Dillavou & Co.	Bern lump	15 00
I 7051	.do.	C. C. Ferguson	Horseshoes	16 50
I 7052	.do.	J. A. Ritter	General supplies	2 90
I 7053	.do.	Fred Schilt Lumber Co.	.do.	13 73
I 7054	.do.	Jolly-Willand & Richardson Co.	Lime sulphur	33 25
I 7055	.do.	International Press Clipping Bureau	Incidentals	5 00
I 7056	.do.	Democrat Printing Co.	Pamphlet case	15 00
I 7057	.do.	James H. Greene	Traveling expenses	5 40
I 7058	.do.	Schwietzka Brothers	Incidental	3 00
I 7059	.do.	U-File-M Binder Mfg. Co.	General supplies	5 50
I 7060	.do.	I. D. Allison	Traveling expenses	1 81
I 7061	.do.	Wilhelm Miller	.do.	15 69
I 7062	.do.	Chas. A. Atwood	.do.	26 90
I 7063	.do.	H. C. Lawson	.do.	13 56
I 7064	.do.	C. C. Jensen	.do.	5 41
I 7065	.do.	R. S. Dunham	.do.	1 79
I 7066	.do.	Earl Garver	.do.	8 55
I 7067	.do.	C. F. Goodman	.do.	4 18
I 7068	.do.	F. H. Kelly	.do.	68 69
I 7069	.do.	G. S. Beaumont	.do.	12 79
I 7070	.do.	I. J. Reinhart	.do.	9 12

## INSTRUCTION VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1916			
I 7071	Mar. 10	L. W. Colton	Traveling expenses	\$ 14 83
I 7072	..do..	Sanborn Map Co.	Map	1 00
I 7073	..do..	National Electric Light Association	Books	5 00
I 7074	..do..	Garlock Packing Co.	Laboratory supplies	21 51
I 7075	..do..	Babbitt Steam Specialty Co.	..do.	5 93
I 7076	..do..	The Tablet & Ticket Co.	Office supplies	3 97
I 7077	..do..	Illinois Steel Co.	General supplies	8 78
I 7078	..do..	Twin City Roofing Co.	Apparatus repairs	7 70
I 7079	..do..	The Billings & Spencer Co.	General supplies	3 38
I 7080	..do..	Crucible Steel Co. of America	..do.	6 55
I 7081	..do..	Electric Tachometer Co.	Electric tachometer	92 25
I 7082	..do..	Multiplex Display Fixture Co.	Furniture and fixtures	66 00
I 7083	..do..	Master Car Builders' Association	Books	15 00
I 7084	..do..	A. E. Williams	Traveling expenses	2 85
I 7085	..do..	Scientific Materials Co.	Laboratory apparatus	85 00
I 7086	..do..	Eastman Kodak Co.	Blueprint supplies	22 00
I 7087	..do..	Allis-Chalmers Mfg. Co.	Laboratory apparatus	7 50
I 7088	..do..	G. W. Sheldon & Co.	Freight	4 10
I 7089	..do..	C. H. Stoelting Co.	General supplies	22 50
I 7090	..do..	Ideal Ventilator Co.	Ventilators	7 00
I 7091	..do..	John Byrne & Co.	Books	10 00
I 7092	..do..	H. I. Carpenter	Piano tuning	4 50
I 7093	..do..	D. H. Lloyd	Rent	25 00
I 7094	..do..	Carl John Stein	Building repairs	4 50
I 7095	..do..	High School Life	Advertising	5 00
I 7096	..do..	General Electric Co.	Laboratory apparatus	91 61
I 7097	..do..	Mrs. F. E. McCughen	Laundry	11 21
I 7098	..do..	Mrs. F. L. Stevens	Services	10 75
I 7099	..do..	Edson Keith & Co.	Laboratory supplies	14 10
I 7100	..do..	Landa McClory	Food supplies	5 25
I 7101	..do..	Mrs. Anna Langhoff	Laundry	6 56
I 7102	..do..	Riechoff Bakery	Food supplies	4 57
I 7103	..do..	Stearns Steel Range Co.	Tin cookers	5 00
I 7104	..do..	National Biscuit Co.	Food supplies	1 60
I 7105	..do..	J. E. Yeats	Flowers	7 50
I 7106	..do..	P. D. Foster	Office equipment	98 40
I 7107	..do..	Ward's Natural Science Establishment	General supplies	27 90
I 7108	..do..	The Caldwell Co.	..do.	12 60
I 7109	..do..	Spencer Lens Co.	Laboratory apparatus	274 50
I 7110	..do..	Swartz Electric Shop	General supplies	2 19
I 7111	..do..	A. E. C. Lathrop	White rats	2 40
I 7112	..do..	The Letter Shop	General supplies	32 00
I 7113	..do..	McIntosh Stereopticon Co.	Laboratory apparatus	29 95
I 7114	..do..	M. E. Thompson, Cashier	Labor bills	360 62
I 7115	..do..	M. E. Thompson, Cashier	Miscellaneous bills	28 00
I 7116	..do..	M. E. Thompson, Cashier	Express bills	25 42
I 7117	..do..	M. E. Thompson, Cashier	..do.	11 51
I 7118	..do..	M. E. Thompson, Cashier	..do.	15 23
I 7119	..do..	M. E. Thompson, Cashier	..do.	21 44
I 7120	..do..	M. E. Thompson, Cashier	Labor bills	145 00
I 7121	Mar. 11	Peck & Hills Furniture Co.	General supplies	41 75
I 7122	..do..	Swift & Co.	Laboratory supplies	6 00
I 7123	..do..	Maas Brothers	General supplies	3 25
I 7124	..do..	Western Lumber Co.	..do.	1 10
I 7125	..do..	A. Kroech & Co.	Books	260 65
I 7126	..do..	Physicians' Supply & Drug Co.	Laboratory supplies	3 90
I 7127	..do..	Bradner, Smith & Co.	General supplies	14 22
I 7128	..do..	Marshall Field & Co.	..do.	5 50
I 7129	..do..	Scheidel Western X Ray Co.	Machine repairs	25 00
I 7130	..do..	Jewell Belting Co.	Belting	3 00
I 7131	..do..	Antiseptol Liquid Soap Co.	Soap	9 00
I 7132	..do..	Machinist Supply Co.	General supplies	4 54
I 7133	..do..	A. C. McClurg & Co.	..do.	13 42
I 7134	..do..	W. H. Salisbury & Co.	Laboratory supplies	14 40
I 7135	..do..	Corbin Cabinet Lock Co.	Padlocks	87 36
I 7136	..do..	Hibbard, Spencer, Bartlett & Co.	General supplies	4 50
I 7137	..do..	Fuller-Morrison Co.	..do.	113 70
I 7138	..do..	Steel & Lawson	Medical supplies	40 50
I 7139	..do..	Rogers & Hall Co.	Printing	1,342 86
I 7140	..do..	The University Press	..do.	12 75
I 7141	..do..	Flanigan-Pearson Co.	..do.	14 00
I 7142	..do..	Twin City Printing Co.	..do.	1 20
I 7143	..do..	The Whitaker Paper Co.	..do.	140 06
I 7144	..do..	Illinois State Reformatory	..do.	4 25
I 7145	..do..	Louden & Flanigan	..do.	2 82
I 7146	Mar. 13	W. F. M. Goss	Traveling expenses	67 66
I 7147	..do..	B. A. Strauch	Films	2 70
I 7148	..do..	Gregory Electric Co.	Motor	65 17

## INSTRUCTION VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
1916				
I 7149	Mar. 13	Spencer Lens Co.	Laboratory supplies.	\$ 18 92
I 7150	..do..	Champaign County Agricultural Improvement Association.	Dues.	10 00
I 7151	..do..	Charles A. Campbell.	Traveling expenses.	41 21
I 7152	..do..	Eugene Dietzgen Co.	Compass.	2 61
I 7153	..do..	Pantagraph Printing & Stationery Co.	Half-tones.	9 22
I 7154	..do..	The Arthur H. Thomas Co.	Laboratory supplies.	4 35
I 7155	..do..	Russell Arbuckle.	Straw.	25 08
I 7156	..do..	Central Egg Carrier Co.	General supplies.	6 50
I 7157	..do..	J. O. Tupper.	Traveling expenses.	16 22
I 7158	..do..	C. H. Stoelting Co.	..do..	7 71
I 7159	..do..	Brugh Werner.	Photo.	1 00
I 7160	..do..	Metzler & Schafer Co.	Laboratory supplies.	25 54
I 7161	..do..	The Illustrated Milliner Co.	Subscription.	2 25
I 7162	..do..	White Line Laundry.	Laundry.	2 00
I 7163	..do..	Twin City Ice & Cold Storage Co.	Ice.	8 00
I 7164	..do..	B. A. Ralton Grocery Co.	Laboratory supplies.	28 30
I 7165	..do..	Farrar & Quinlan.	Food supplies.	95 06
I 7166	..do..	Fleischmann Co.	Yeast.	1 50
I 7167	..do..	G. C. Willis.	Toweling.	2 20
I 7168	..do..	Twin City Creamery Co.	Butter.	32 30
I 7169	..do..	J. F. Webster & Co.	Food stuff.	31 89
I 7170	..do..	Champaign Steam Laundry.	Laundry.	16 67
I 7171	..do..	Eisner Grocery Co.	Food stuffs.	85 31
I 7172	..do..	H. H. Stoek.	Traveling expenses.	1 85
I 7173	..do..	The H. H. Wilson Co.	Books.	55 60
I 7174	..do..	G. D. Forbes.	General supplies.	3 46
I 7175	..do..	Commonwealth Edison Co.	Electric current.	227 52
I 7176	..do..	E. H. Sargent & Co.	Laboratory supplies.	1 50
I 7177	Mar. 15	H. S. Capron, Treasurer.	Material furnished from University storeroom.	9,020 45
I 7178	..do..	H. S. Capron, Treasurer.	..do..	118 12
I 7179	..do..	H. S. Capron, Treasurer.	..do..	152 92
I 7180	..do..	H. S. Capron, Treasurer.	..do..	105 94
I 7181	..do..	H. S. Capron, Treasurer.	..do..	143 31
I 7182	..do..	Flanigan-Pearson Co.	Printing.	26 25
I 7183	..do..	H. S. Capron, Treasurer.	Material furnished from University storeroom.	830 50
I 7184	..do..	H. S. Capron, Treasurer.	..do..	133 75
I 7185	..do..	H. S. Capron, Treasurer.	..do..	403 26
I 7186	..do..	Pay roll.	March, 1916.	4,623 78
		Alley, W. E.	Salary.	\$100 00
		Barnes, Mary G.	..do..	65 00
		Beadles, Jessie R.	..do..	65 00
		Brownfield, Lelah.	..do..	50 00
		Buchanan, Harold C.	..do..	70 00
		Buckles, Mildred.	..do..	65 00
		Clemence, Hazel.	..do..	70 00
		Cover, Hazel W.	..do..	65 00
		Craigmile, Jeannette.	..do..	50 00
		Crawford, C. C.	..do..	70 00
		Cuerden, Fay.	..do..	50 00
		Custer, Emma L.	..do..	75 00
		Dalton, C. E.	..do..	50 00
		Davis, Vera M.	..do..	55 00
		Fieg, Robert J.	..do..	50 00
		Garwood, Frances.	..do..	60 00
		Garwood, Helen.	..do..	50 00
		Geyer, Helen.	..do..	50 00
		Glenn, Eleanor.	..do..	55 00
		Godspeed, W. S.	..do..	90 00
		Gordon, Marie A.	..do..	60 00
		Griffith, Mabel F.	..do..	75 00
		Halliday, Mabel.	..do..	60 00
		Hamilton, Alice.	..do..	100 00
		Hammitt, Susan.	..do..	50 00
		Hathaway, Kenneth.	..do..	50 00
		Hayes, Margaret L.	..do..	50 00
		Hayes, James Burt.	..do..	100 00
		Hayward, Nellie.	..do..	60 00
		Heater, Myrtle.	..do..	65 00
		Hull, A. H.	..do..	70 00
		Jay, Edith L.	..do..	55 00
		Lahr, Lawrence D.	..do..	60 00
		Leitz, Louise A.	..do..	45 00
		Loniut, J. O.	..do..	90 00
		Luther, Ida Louise.	..do..	50 00
		McGurty, Agnes.	..do..	91 66

## INSTRUCTION VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
I 7186 Cld.	1916 Mar. 15	McIntire, W. A. ....	Salary .....	\$ 50 00
		McMillen, Mary B. ....	do .....	60 00
		Manley, Verna .....	do .....	50 00
		Manspeaker, Lotta M. ....	do .....	100 00
		Mecahum, Leola .....	do .....	45 00
		Merchant, Donna B. ....	do .....	60 00
		Meseck, Rudolph .....	do .....	65 00
		Miller, C. F. ....	do .....	100 00
		Mock, Forrest .....	do .....	55 00
		Nagle, Sybil .....	do .....	55 00
		Nyberg, Florence A. ....	do .....	55 00
		Oliver, Flossie .....	do .....	50 00
		Peel, Thomas .....	do .....	65 00
		Pergande, Robert .....	do .....	95 00
		Peters, Helen A. ....	do .....	65 00
		Probst, Alice .....	do .....	50 00
		Ressler, Milton .....	do .....	80 00
		Rhoads, Hazel .....	do .....	65 00
		Riggs, Bess .....	do .....	45 00
		Rock, Hazel L. ....	do .....	55 00
		Rogers, Della M. ....	do .....	50 00
		Rohweder, Emma .....	do .....	45 00
		Ross, Anne .....	do .....	55 00
		Scanlan, Mary .....	do .....	70 00
		Slater, Sarah M. ....	do .....	65 00
		Smith, Mayme .....	do .....	70 00
		States, Bertha G. ....	do .....	55 00
		Taft, Martha E. ....	do .....	70 00
		Vanderbeek, H. J. ....	do .....	75 00
		Vaubel, Daniel .....	do .....	70 00
		Wheeler, H. N. ....	do .....	70 00
		Williamson, Paul .....	do .....	83 33
		Winchester, B. L. ....	do .....	54 16
		Wyninger, H. T. ....	do .....	60 00
		Zipprodt, Ella .....	do .....	29 63
		Ellis, E. R. ....	do .....	50 00
I 7187	Mar. 16	Pay roll .....	March, 1916 .....	\$48,269 95
		Miller, Eva G. ....	Salary .....	\$ 66 66
		Greene, J. H. ....	do .....	50 00
		Aumer, J. P. ....	do .....	150 00
		Brunson, A. M. ....	do .....	100 00
		Clevenger, C. B. ....	do .....	100 00
		Dickenson, R. W. ....	do .....	116 66
		Ellis, O. I. ....	do .....	100 00
		Fahrnkopf, H. F. T. ....	do .....	100 00
		Garrett, F. W. ....	do .....	133 33
		Gentle, G. E. ....	do .....	100 00
		Gernert, W. B. ....	do .....	175 00
		Gilkerson, H. C. ....	do .....	100 00
		Holt, S. V. ....	do .....	166 66
		Leighty, W. R. ....	do .....	133 33
		Hoskins, E. E. ....	do .....	166 66
		Sachs, W. H. ....	do .....	150 00
		Smith, L. H. ....	do .....	291 66
		Snider, H. J. ....	do .....	100 00
		Torgerson, E. F. ....	do .....	83 33
		Van Alstine, E. ....	do .....	208 33
		Wascher, F. M. W. ....	do .....	133 33
		de Werf, H. A. ....	do .....	83 33
		Wheeler, H. C. ....	do .....	166 66
		Whitchurch, J. E. ....	do .....	150 00
		Morison, A. T. ....	do .....	70 00
		Richey, F. C. ....	do .....	70 00
		Stewart, Robt. ....	do .....	250 00
		Burlison, W. L. ....	do .....	233 33
		Wyatt, F. A. ....	do .....	100 00
		Andrews, J. B. ....	do .....	116 66
		Bull, Sleeter .....	do .....	150 00
		Detlefsen, J. A. ....	do .....	225 00
		Edmunds, J. L. ....	do .....	233 33
		Grindley, H. S. ....	do .....	333 33
		Joseph, W. E. ....	do .....	150 00
		Keith, Mary H. ....	do .....	108 33
		Mitchell, H. H. ....	do .....	150 00
		Newlin, C. I. ....	do .....	116 66
		Rusk, H. P. ....	do .....	233 33
		Wilcox, R. H. ....	do .....	100 00
		Snapp, R. R. ....	do .....	141 66

## INSTRUCTION VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
I 7187 Ctd.	1916 Mar. 16	Augustus, E. K.	Salary	\$ 83 33
		Slater, M. O.	do	83 33
		Ziesenheim, J. R.	do	50 00
		Handschin, W. F.	do	62 50
		Hulce, R. S.	do	150 00
		Nevens, W. B.	do	83 33
		Turner, Frank	do	83 33
		Yapp, W. W.	do	116 66
		True, L. J.	do	83 33
		Chambers, W. H.	do	37 50
		Kohmann, E. F.	do	166 66
		Allison, I. D.	do	150 00
		Bailey, E. W.	do	200 00
		Colby, A. S.	do	83 33
		Crandall, C. S.	do	291 66
		Dorner, H. B.	do	250 00
		Englis, D. T.	do	60 00
		Gunderson, A. J.	do	133 33
		Heckt, August	do	83 33
		Hutchinson, J. I.	do	116 66
		Miller, Wilhelm	do	250 00
		Muncie, F. W.	do	125 00
		Peltier, G. L.	do	133 33
		Pickett, B. S.	do	266 66
		Watkins, O. S.	do	200 00
		Tilton, L. D.	do	83 33
		Lauterbach, E. G.	do	33 33
		Palmer, W. K.	do	83 33
		Ruth, W. A.	do	83 33
		Bunch, Mamie	do	83 33
		Percival, Olive	do	50 00
		Williams, A. E.	do	150 00
		Danielson, R. R.	do	100 00
		Hursh, R. K.	do	150 00
		Bleiminger, A. V.	do	500 00
		Radcliffe, B. S.	do	150 00
		Geiger, C. F.	do	40 00
		Holbrook, E. A.	do	229 16
		Stoek, H. H.	do	416 66
		Callen, A. C.	do	150 00
		Snodergrass, J. M.	do	82 16
		Decker, E. H.	do	291 66
		Green, Frederick	do	312 50
		Harker, O. A.	do	333 33
		Hale, W. G.	do	291 66
		Pomeroy, J. N.	do	253 33
		Vernier, C. G.	do	312 50
		Carpenter, C. E.	do	208 33
		Babcock, K. C.	do	458 33
		Lake, E. J.	do	208 33
		Wetmore, Mary H.	do	150 00
		Bradbury, C. E.	do	150 00
		Forbes, G. E.	do	150 00
		Stebbins, Joel	do	291 66
		Welo, L. A.	do	50 00
		Reed, F. W.	do	140 00
		Hottel, C. F.	do	250 00
		Stevens, F. L.	do	333 33
		Trelease, Wm.	do	416 66
		Hague, Stella M.	do	110 00
		McDougal, W. B.	do	140 00
		Parr, Rosalie	do	80 00
		Dalbey, Nora E.	do	60 00
		Quick, B. E.	do	60 00
		Davis, R. L.	do	50 00
		Pickler, W. E.	do	50 00
		Clayberg, E. D.	do	60 00
		Miles, L. E.	do	50 00
		Beach, W. S.	do	50 00
		Waggoner, H. D.	do	60 00
		Young, Esther	do	50 00
		Kempton, F. E.	do	60 00
		Sperry, J. A.	do	170 00
		Tanner, F. W.	do	120 00
		Balke, C. W.	do	270 83
		Derrick, D. G.	do	191 66
		Noyes, W. A.	do	458 33
		Parr, S. W.	do	166 66



## INSTRUCTION VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
I 7187 Ctd.	1916 Mar. 16	Smith, G. M.	Salary	\$166 66
		Washburn, E. W.	do.	291 66
		Webb, H. C. P.	do.	166 66
		Beal, G. D.	do.	133 33
		Hopkins, B. S.	do.	133 33
		MacInnes, D. A.	do.	133 33
		McFarland, D. F.	do.	200 00
		Lewis, H. B.	do.	183 33
		Broderston, H. J.	do.	140 00
		Hecker, C. H.	do.	120 00
		Cann, Jesse	do.	120 00
		Olun, H. L.	do.	120 00
		Sears, G. W.	do.	120 00
		Anders, Paul	do.	130 00
		Kreners, H. C.	do.	60 00
		Rees, E. A.	do.	60 00
		Charlton, E. E.	do.	60 00
		Hess, R. W.	do.	60 00
		Howland, Floyd	do.	60 00
		Gilmore, R. E.	do.	60 00
		Braley, S. A.	do.	60 00
		Skinner, G. S.	do.	50 00
		Volwiler, E. H.	do.	50 00
		Van Winkle, W. A.	do.	50 00
		Footitt, F. W.	do.	50 00
		Bratham, J. M.	do.	50 00
		Owens, A. W.	do.	50 00
		Westhaeter, T. O.	do.	50 00
		Bissell, D. W.	do.	50 00
		Davidson, C. N.	do.	50 00
		Karr, W. G.	do.	50 00
		Shepard, A. D.	do.	35 00
		Forz, H. G.	do.	35 00
		Lee, H. K.	do.	35 00
		Deed, J. K.	do.	30 00
		Okey, Ruth E.	do.	30 00
		Winkelmann, H. A.	do.	30 00
		Reyerson, L. A.	do.	30 00
		Beattig, L. A.	do.	30 00
		Brell, H. J.	do.	30 00
		Xatema, L. F.	do.	30 00
		Price, W. R.	do.	30 00
		Jordan, Louis	do.	30 00
		Hartford, R. W.	do.	30 00
		Ferry, Margaret	do.	30 00
		Poddegrat, Helen.	do.	30 00
		Connelly, A. R.	do.	30 00
		Cook, W. O.	do.	10 00
		Morgan, R. W.	do.	10 00
		Wiseley, G. A.	do.	10 00
		Lanston, A. M.	do.	10 00
		Hahn, F.	do.	10 00
		Brown, J. B.	do.	30 00
		Wellan, H. J.	do.	60 00
		Wells, L. S.	do.	30 00
		van Rossum, Gerard	do.	120 00
		Olsberg, J. H.	do.	30 00
		Dicks, J. G.	do.	50 00
		Zelle, Carl	do.	10 00
		Adler, J.	do.	10 00
		Tippett, R. W.	do.	50 00
		Taylor, S. C.	do.	80 00
		Taylor, N. O.	do.	10 00
		Futman, O. N.	do.	10 00
		Johnson, L. C.	do.	120 00
		Hawthorne, W. S.	do.	10 00
		French, H. E.	do.	30 00
		Barton, H. J.	do.	291 66
		Ganter, H. V.	do.	225 00
		Moss, C. M.	do.	250 00
		Oldfather, W. A.	do.	250 00
		Pease, A. S.	do.	30 00
		Robinson, R. P.	do.	293 16
		Bagley, W. C.	do.	312 50
		Johnson, C. H.	do.	166 66
		Milner, W. S.	do.	270 83
		Whipple, G. M.	do.	291 66
		Brown, J. C.	do.	

## INSTRUCTION VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
I 7187 Ctd.	1916 Mar. 16	Berninger, Harriet J.....	Salary.....	\$ 50 00
		Pettinger, B. F.....	do.....	240 00
		Cobb, Margaret.....	do.....	50 00
		Baldwin, E. C.....	do.....	175 00
		Clark, T. A.....	do.....	41 66
		Dodge, D. K.....	do.....	270 83
		Fulton, Edw.....	do.....	175 00
		Jones, H. S. V.....	do.....	183 33
		Paul, H. G.....	do.....	208 33
		Scott F. W.....	do.....	208 33
		Sherman, S. P.....	do.....	458 33
		Woolbert, C. H.....	do.....	166 66
		Zeitlin, Jacob.....	do.....	158 33
		Creek, H. L.....	do.....	125 00
		Boyer, C. V.....	do.....	141 66
		Schoepperle, Gertrude.....	do.....	116 66
		Kyle, Martha J.....	do.....	25 00
		Alden, E. S.....	do.....	120 00
		Rinaker, Clarissa.....	do.....	130 00
		Harris, L. H.....	do.....	120 00
		Tieje, R. E.....	do.....	120 00
		Jones, E. S.....	do.....	130 00
		Schultz, W. E.....	do.....	120 00
		Gregory, Allene.....	do.....	120 00
		Hustvedt, S. B.....	do.....	120 00
		Loomis, R. S.....	do.....	120 00
		Harberger, Sada A.....	do.....	100 00
		Kelso, Ruth.....	do.....	100 00
		Stanley, T. B.....	do.....	100 00
		Sarett, L. R.....	do.....	120 00
		Dixon, R. E.....	do.....	120 00
		Beck, C. B.....	do.....	50 00
		Cruzan, Myrtle.....	do.....	50 00
		Hillebrand H. M.....	do.....	150 00
		Thurber, C. N.....	do.....	60 00
		Whitford, R. C.....	do.....	110 00
		Sutelife, E. G.....	do.....	110 00
		Harrington, H. F.....	do.....	166 66
		Phelps, J. M.....	do.....	100 00
		Weirick, R. B.....	do.....	120 00
		Copley, Beatrice.....	do.....	50 00
		Curl, M. J.....	do.....	140 00
		Baker, H. T.....	do.....	120 00
		Folson, J. W.....	do.....	208 33
		Forbes, S. A.....	do.....	83 33
		MacGillivray, A. D.....	do.....	250 00
		Mosher, Edna.....	do.....	100 00
		Hamilton, C. C.....	do.....	30 00
		Glasgow, R. D.....	do.....	140 00
		Bayley, W. S.....	do.....	250 00
		Rolfe, C. W.....	do.....	250 00
		Savage, T. E.....	do.....	225 00
		Ross, C. S.....	do.....	60 00
		Dubois, H. M.....	do.....	60 00
		Read, M. K.....	do.....	50 00
		Van Tuye, F. M.....	do.....	120 00
		Kennedy, L. E.....	do.....	40 00
		Brooks, N. C.....	do.....	208 33
		Flom, G. T.....	do.....	233 33
		Goebel, Julius.....	do.....	312 50
		Lessing, O. E.....	do.....	291 66
		Bloomfield, Leonard.....	do.....	166 66
		Gillet, J. E.....	do.....	123 33
		Blaisdell, Daisy.....	do.....	110 00
		Williams, C. A.....	do.....	150 00
		Koller, A. H.....	do.....	150 00
		Puckett, H. W.....	do.....	150 00
		Nordmeyer, H. W.....	do.....	130 00
		Kline, E. K.....	do.....	120 00
		Greene, Alexander.....	do.....	150 00
		Alvord, C. W.....	do.....	145 83
		Greene, E. B.....	do.....	416 66
		Larson, L. M.....	do.....	266 66
		Lybyer, A. H.....	do.....	233 33
		Robertson, W. S.....	do.....	208 33
		Jones, P. V. B.....	do.....	150 00
		Pease, T. C.....	do.....	125 00
		Cole, A. C.....	do.....	150 00

## INSTRUCTION VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
I 7187	1916 Mar. 16	Brush, Elizabeth.....	Salary.....	\$100 00
Ctd.		Gauger, Joe.....	do.....	40 00
		Miller, J. E.....	do.....	60 00
		Borger, R. L.....	do.....	125 00
		Crathorne, A. R.....	do.....	166 66
		Emch, Arnold.....	do.....	187 50
		Lytile, E. B.....	do.....	150 00
		Miller, G. A.....	do.....	291 66
		Rietz, H. L.....	do.....	158 33
		Shaw, J. B.....	do.....	250 00
		Sisam, C. H.....	do.....	183 33
		Townsend, E. J.....	do.....	333 33
		Wahlin, G. E.....	do.....	125 00
		Carmichael, R. D.....	do.....	208 33
		Kempner, A. J.....	do.....	133 33
		Denton, W. W.....	do.....	140 00
		Chittenden, E. W.....	do.....	140 00
		Wilson, L. T.....	do.....	120 00
		Smith, G. W.....	do.....	60 00
		Wilson, W. H.....	do.....	60 00
		Borden, Raymond.....	do.....	60 00
		Frary, H. D.....	do.....	60 00
		Beekley, J. S.....	do.....	30 00
		Marshall, R. H.....	do.....	60 00
		Roth, Wm. E.....	do.....	60 00
		Green, C. F.....	do.....	30 00
		Bode, B. H.....	do.....	291 66
		Daniels, A. H.....	do.....	333 33
		Shepherd, Queen.....	do.....	130 00
		Haessler, Carl.....	do.....	100 00
		Burge, W. E.....	do.....	216 66
		Beard, J. H.....	do.....	116 66
		Neill, Alma J.....	do.....	60 00
		Garner, J. W.....	do.....	333 33
		Mathews, J. M.....	do.....	191 66
		Fairlie, J. A.....	do.....	291 66
		Storey, R. M.....	do.....	130 00
		Cushman, R. E.....	do.....	120 00
		Bentley, Madison.....	do.....	270 83
		Ruckmich, C. A.....	do.....	150 00
		Hahn, Carl.....	do.....	150 00
		Rogers, Sophie.....	do.....	35 00
		Wichman, Gerald.....	do.....	50 00
		McKenzie, Kenneth.....	do.....	333 33
		Carnahan, D. H.....	do.....	225 00
		Fitz Gerald, J. D. II.....	do.....	250 00
		Oliver, T. E.....	do.....	250 00
		Seymour, A. R.....	do.....	166 66
		Blondheim, D. S.....	do.....	166 66
		Carry, C. S.....	do.....	120 00
		Allen, Louis.....	do.....	100 00
		Kessler, James.....	do.....	100 00
		Soto, Rafael.....	do.....	100 00
		Dawson, E. R.....	do.....	100 00
		Laguardia, C. J. B.....	do.....	100 00
		Stone, H. K.....	do.....	100 00
		Moore, O. H.....	do.....	141 66
		Shulters, J. R.....	do.....	50 00
		Hayes, E. C.....	do.....	275 00
		Stevens, J. G.....	do.....	150 00
		Watkins, Gordon.....	do.....	50 00
		Kingsley, J. S.....	do.....	291 66
		Smith, Frank.....	do.....	250 00
		Ward, H. B.....	do.....	416 66
		Zeleny, Chas.....	do.....	250 00
		Shelford, V. E.....	do.....	186 66
		Van Cleave, H. J.....	do.....	140 00
		May, H. E.....	do.....	60 00
		Green, Bessie.....	do.....	60 00
		Powers, E. E.....	do.....	60 00
		Magath, T. B.....	do.....	35 00
		Conel, Jessie.....	do.....	60 00
		Higgins, H. M.....	do.....	35 00
		Baumgartner, Rachel.....	do.....	35 00
		Heimbarger, H. V.....	do.....	60 00
		Kingman, R. H.....	do.....	35 00
		Baldwin, Frances M.....	do.....	100 00
		Kindred, J. E.....	do.....	30 00

## INSTRUCTION VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
1916				
I 7187	Mar. 16	Paul, Katherine H.	Salary	\$120 00
I 7188	Mar. 16	Schmidt, Robt.	do.	75 00
I 7189	do.	V. Mueller & Co.	Laboratory supplies.	\$ 16 90
I 7190	do.	The University Hospital	Rent.	103 80
I 7191	do.	American Journal of Physicians.	Books.	5 00
I 7192	do.	American Medical Association.	Reprints.	2 70
I 7193	do.	General Electric Co.	Motor.	17 80
I 7194	do.	Haskett & Co.	Ducking.	1 00
I 7195	do.	Physicians' Supply & Drug Co.	Laboratory supplies.	6 00
I 7196	do.	Eimer & Amend	Laboratory apparatus.	10 02
I 7197	do.	Kasen's Express & Van Co.	Freight.	11 92
I 7198	do.	Brooks & Gerow Dental Repair Shop.	Dental supplies.	3 75
I 7199	do.	Mrs. L. C. Brannum	Laundry	4 13
I 7200	do.	Western Educational Advertising Agency	Advertising.	8 00
I 7201	do.	Calumet Laundry Co.	Laundry	6 60
I 7202	do.	Bausch & Lomb Optical Co.	Dental supplies.	12 96
I 7203	do.	Editor & Publisher.	Journal.	2 00
I 7204	do.	The Fourth Estate	Books.	2 00
I 7205	do.	Henry M. Bates	Services.	25 00
I 7206	do.	D. O. Haynes & Co.	Directory.	5 00
I 7207	do.	A. Kroch & Co.	do.	3 85
I 7208	do.	Ernil Borgmann.	do.	7 92
I 7209	do.	Fuller-Morrisson Co.	Laboratory supplies.	43 09
I 7210	do.	C. H. Stoelting Co.	Laboratory apparatus.	20 15
I 7211	do.	The A. I. Roof Co.	do.	10 00
I 7212	do.	Taylor Hardware Co.	Thin.	1 20
I 7213	do.	Devcoe & Reynolds Co.	General supplies.	5 48
I 7214	do.	Charles H. Ward	Museum specimens.	170 00
I 7215	do.	H. R. Hills.	General supplies.	8 00
I 7216	do.	Otto Adams.	Laboratory apparatus.	19 60
I 7217	do.	O. A. Harker.	Traveling expenses.	7 69
I 7218	do.	Ward's Natural Science Establishment.	General supplies.	45 25
I 7219	do.	Keuffel & Esser Co.	Gessals	4 51
I 7220	do.	Hall Hardware Co.	Wood screws.	2 10
I 7221	do.	H. W. Wilson Co.	Books.	8 00
I 7222	do.	Louis Melind Co.	Office supplies.	1 81
I 7223	do.	A. J. Gunderson	Traveling expenses.	3 89
I 7224	do.	Ideal Electric Co.	Electrical supplies.	6 25
I 7225	do.	B. A. Strauch.	General supplies.	1 60
I 7226	do.	E. H. Sargent & Co.	Laboratory supplies.	90 14
I 7227	do.	Twin City Ice & Cold Storage Co.	Ice.	24 00
I 7228	do.	Fahnestock Electric Co.	Laboratory supplies.	1 28
I 7229	do.	E. C. Atkins & Co.	do.	2 07
I 7230	do.	Harvard Apparatus Co.	do.	1 79
I 7231	do.	S. D. Hicks & Son	Water condenser	425 00
I 7232	do.	W. T. Harvey.	Services.	4 50
I 7233	do.	California State Mining Bureau.	Bulletin.	3 00
I 7234	do.	Geo. B. Carpenter & Co.	General supplies.	2 79
I 7235	do.	General Electric Co.	Electrical supplies.	30 14
I 7236	do.	Leonard Peterson & Co.	Library table.	197 50
I 7237	do.	F. J. Newcomb Mfg. Co.	Print case.	55 00
I 7238	do.	University Club.	Express.	1 61
I 7239	do.	H. B. Dornier.	Traveling expenses.	15 22
I 7240	do.	Lyon Metallic Mfg. Co.	Laboratory apparatus.	14 50
I 7241	do.	Wilhelm Miller.	Traveling expenses.	14 69
I 7242	do.	A. G. Spalding & Brothers.	Services.	100 00
I 7243	do.	Champaign Seed Co.	General supplies.	29 95
I 7244	do.	C. R. Doty.	Live stock.	50 00
I 7245	do.	American Southdown Breeders' Assn.	Incidentals.	4 00
I 7246	do.	American Duroc Jersey Swine Breeders' Association.	do.	1 50
I 7247	do.	G. C. Willis.	Oilcloth.	1 00
I 7248	do.	Ely Carriage Co.	Wheels.	45 25
I 7249	do.	R. H. Wilcox.	Traveling expenses.	21 11
I 7250	do.	J. B. Andrews.	do.	16 22
I 7251	do.	O. M. Allyn.	do.	10 70
I 7252	do.	James H. Greene.	do.	29 37
I 7253	do.	Library Bureau.	Trays.	7 50
I 7254	do.	The Creamery Package Mfg. Co.	Laboratory supplies.	20 35
I 7255	do.	Geo. Caven, Secretary Illinois State Dairymen Association.	Sundries.	12 00
I 7256	do.	H. A. Harding.	Traveling expenses.	45 12
I 7257	do.	Oldham Brothers.	Chemicals.	11 30
I 7258	do.	White Line Laundry.	Laundry.	5 74
I 7259	do.	S. A. Sandweger.	Coal.	7 50
I 7260	do.	The American Guernsey Cattle Club.	Sundries.	6 00
I 7261	do.	Woldenberg & Schaar.	Laboratory supplies.	17 10
I 7261	do.	A. H. Barbee Creamery Supply Co.	Machinery.	43 90

## INSTRUCTION VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1916			
I 7262	Mar. 16	The Quaker Oats Co.	Feed.	\$ 2 50
I 7263	do.	D. H. Lloyd.	Films.	1 95
I 7264	do.	Sturges & Burn Mfg. Co.	Machinery.	15 78
I 7265	do.	F. M. Foltz.	Horseshoes.	5 00
I 7266	do.	Neimer & Schweinsberg.	General supplies.	1 45
I 7267	do.	The Mount Hope Cemetery Association.	Rent.	15 00
I 7268	do.	Champaign Steam Laundry.	Laundry.	18 60
I 7269	do.	The Burr Co.	Machine repairs.	32 13
I 7270	do.	Champaign Ice Cream Co.	Food supplies.	5 61
I 7271	do.	Eisner Grocery Co.	Sugar.	6 75
I 7272	do.	Standard Cap & Seal Co.	Dairy supplies.	98 88
I 7273	do.	The J. B. Ford Co.	Soda Ash.	18 75
I 7274	do.	Stoltey's Garage.	Apparatus repairs.	1 85
I 7275	do.	Medart Patent Pulley Co.	Machine repairs.	5 79
I 7276	do.	Twin City Roofing Co.	Apparatus repairs.	4 00
I 7277	Mar. 17	M. E. Thompson, Cashier.	Labor bills.	432 45
I 7278	do.	M. E. Thompson, Cashier.	Express bills.	18 77
I 7279	do.	M. E. Thompson, Cashier.	do.	14 69
I 7280	do.	M. E. Thompson, Cashier.	Sundries.	16 40
I 7281	do.	M. E. Thompson, Cashier.	Express bills.	19 74
I 7282	do.	M. E. Thompson, Cashier.	Labor bills.	101 15
I 7283	Mar. 19	V. Mueller & Co.	Laboratory supplies.	7 85
I 7284	do.	Rimer & Amend.	do.	36 60
I 7285	do.	F. K. Robeson.	General supplies.	25 90
I 7286	do.	Vaughan's Seed Store.	do.	18 15
I 7287	do.	D. H. Lloyd.	do.	1 60
I 7288	do.	F. A. Wiltz.	Dogs.	6 00
I 7289	do.	Soft Water Laundry.	Laundry.	2 35
I 7290	do.	Dallenbach Brothers.	Laboratory supplies.	155 21
I 7291	do.	E. H. Sargent & Co.	Thermometers.	40 27
I 7292	do.	H. A. Harding.	Traveling expenses.	18 08
I 7293	do.	Bertram Abney.	do.	4 47
I 7294	do.	Gregory Sales Co.	Radius cook stove.	3 40
I 7295	do.	The Quality Meat Market.	Meat.	1 50
I 7296	do.	Albert Pick & Co.	General supplies.	63 99
I 7297	do.	Champaign Tea & Coffee Co.	Coffee.	2 80
I 7298	do.	Urbana & Champaign Gas & Electric Co.	Tickets.	4 00
I 7299	do.	Champaign Seed Co.	Seeds.	4 50
I 7300	do.	Edward C. Schmidt.	Traveling expenses.	3 15
I 7301	do.	Adam Emory Albright.	Express.	26 90
I 7302	do.	The Carborundum Co.	Carb. stones.	9 38
I 7303	do.	The Kentucky Tobacco Products Co.	Nico-fume liq.	49 50
I 7304	do.	R. & J. Farquhar & Co.	General supplies.	26 90
I 7305	do.	The Conrad & Jones Co.	do.	12 60
I 7306	do.	Henry A. Dreer, Inc.	General supplies.	7 83
I 7307	do.	The Leeds & Northrup Co.	Laboratory apparatus.	316 90
I 7308	do.	Arthur H. Thomas Co.	General supplies.	3 27
I 7309	do.	S. L. Dodds.	Cotton seed.	5 00
I 7310	do.	Dolese & Shepard Co.	Limestone.	33 00
I 7311	do.	E. V. Kirby Auto Co.	Machine repairs.	18 55
I 7312	do.	Stipes & Hecker.	Drain tile.	4 20
I 7313	do.	G. H. Ferrine & Sons.	General supplies.	2 25
I 7314	do.	L. L. Olds Seed Co.	Gram.	8 10
I 7315	do.	The American Multigraph Co.	Repairs for multigraph.	3 10
I 7316	do.	International Harvester Co.	Machinery supplies.	1 95
I 7317	do.	Peck & Hills Furniture.	Chairs.	25 73
I 7318	do.	Flat Iron Store Co.	Shades.	2 00
I 7319	do.	C. A. Kiler.	General supplies.	28 00
I 7320	do.	Cunningham Brothers.	do.	2 50
I 7321	do.	Twin City Ice & Cold Storage Co.	Ice.	4 00
I 7322	do.	Chicago Paper Co.	Office supplies.	18 32
I 7323	do.	Central Scientific Co.	General supplies.	17 40
I 7324	do.	William Gaertner & Co.	Chronograph.	225 00
I 7325	do.	A. E. Westerman.	Laboratory apparatus.	15 00
I 7326	do.	Standard Oil Co.	Oil.	59 70
I 7327	do.	Samuel Harris & Co.	General supplies.	8 20
I 7328	Mar. 20	Pay roll.	March, 1916.	100 00
I 7329	do.	Forsyth, Arthur.	Salary.	\$100 00
I 7329	do.	Pay roll.	March, 1916.	1,185 00
		Broday, Esther.	Salary.	\$ 55 00
		Broberg, Eric.	do.	75 00
		Fletcher, E. C.	do.	125 00
		Braun, William.	do.	45 00
		David, Eshoo.	do.	55 00
		David, Simon.	do.	50 00
		Kastanos, John.	do.	50 00
		Allen, Josephine.	do.	55 00
		Seaberg, Elin M.	do.	70 00

## INSTRUCTION VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
I 7329	1916 Mar. 20 Cld.	Ruehl, Henrietta	Salary	\$ 60 00
		Loomis, Metta	do.	100 00
		Bates, Mary	do.	50 00
		Wyatt, E. G.	do.	40 00
		Rumry, Florence	do.	40 00
		Hoy, Anna	do.	60 00
		Tomek, Gertrude	do.	65 00
		David, Paul	do.	60 00
		Gubbins, Maud	do.	65 00
		Bolan, Anna R.	do.	65 00
I 7330	do.	Pay roll	March, 1916	\$ 90 00
		Crown, Astrid E.	Salary	\$50 00
		Toomey, Annie	do.	40 00
I 7331	do.	Jacob Solomon	Salary, March, 1916	50 00
I 7332	do.	Nicholas Michalovich	do.	50 00
I 7333	do.	Harry Schultz	do.	35 00
I 7334	do.	Johann Becker	do.	55 00
I 7335	do.	William Kerechan	do.	50 00
I 7336	do.	Edwin J. Johns	do.	45 00
I 7337	do.	Peter Drennan	do.	80 00
I 7338	do.	Joseph Klena	do.	60 00
I 7339	do.	Carl Gitzke	do.	30 00
I 7340	do.	Pay roll	March, 1916	5,957 63
I 7341	do.	H. S. Capron, Treasurer	Material furnished from University storeroom	475 91
I 7342	do.	H. S. Capron, Treasurer	do.	239 00
I 7343	do.	H. S. Capron, Treasurer	do.	301 61
I 7344	do.	Louden & Flaningam	Printing	54 25
I 7345	do.	Pantagraph Printing & Stationery Co.	do.	229 97
I 7346	do.	Illinois State Reformatory	do.	17 90
I 7347	Mar. 21	C. F. Harding	Salary, March	100 00
I 7348	do.	Peter J. Krayer, New Providence, New Jersey	Services	250 00
I 7349	do.	Acheson Graphite Co.	Laboratory supplies	1 56
I 7350	do.	E. C. Atkins & Co.	Saw blades	7 89
I 7351	do.	Clapp-Eastham Co.	Wire meter	10 00
I 7352	do.	Aluminum Ore Co.	Alumina	5 30
I 7353	do.	Woldenberg & Schaar	Laboratory supplies	28 56
I 7354	do.	F. K. Robeson	Toweling	172 50
I 7355	do.	Ward's Natural Science Establishment	General supplies	60 63
I 7356	do.	The Caldwell Co.	Apparatus repairs	2 50
I 7357	do.	Montgomery Ward & Co.	Laboratory apparatus	13 50
I 7358	do.	A. C. McClurg & Co.	Books	5 90
I 7359	do.	S. A. Courts	General supplies	1 64
I 7360	do.	The Beck Duplicator Co.	Office equipment	3 25
I 7361	do.	Library Bureau	Map units	81 00
I 7362	do.	Frederick N. Evans	Traveling expenses	1 51
I 7363	do.	Charles Mulford Robinson	do.	1 40
I 7364	do.	John H. Doyle	Wire	1 40
I 7365	do.	F. W. Muncie	Traveling expenses	15 87
I 7366	do.	E. G. Lauterbach	do.	15 62
I 7367	do.	A. N. Pierson, Inc.	General supplies	200 00
I 7368	do.	National Carbon Co.	do.	34 20
I 7369	do.	Machinist Supply Co.	Steel plates	14 58
I 7370	do.	J. E. Whitchurch	Traveling expenses	27 97
I 7371	do.	H. Fahrnkopf	do.	16 40
I 7372	do.	Eimer & Amend	Laboratory supplies	49 18
I 7373	do.	D. H. Loyde	General supplies	1 50
I 7374	do.	C. C. Logan	Traveling expenses	26 32
I 7375	do.	H. A. Winter	Services	120 00
I 7376	do.	J. C. Thorpe	do.	40 00
I 7377	do.	Albert E. Wuesteman	Clock	2 50
I 7378	do.	Peck & Hills Furniture Co.	Chairs	4 90
I 7379	do.	Champaign Seed Co.	Animal feed	27 00
I 7380	do.	J. E. Meharry	Machinery	155 70
I 7381	do.	D. H. Loyde	Laboratory apparatus	1 75
I 7382	do.	G. C. Willis	Oil cloth	1 00
I 7383	do.	F. S. Burch & Co.	General supplies	1 00
I 7384	do.	C. H. Dana	do.	1 15
I 7385	do.	Hunter, Rourke & Co.	do.	15 50
I 7386	do.	Cunningham Brothers	do.	2 70
I 7387	do.	Central Scientific Co.	do.	217 97
I 7388	do.	The Chester Transfer Co.	Taxi	3 50
I 7389	do.	Machinists Supply Co.	Laboratory supplies	5 36
I 7390	do.	U. S. Blue Print Paper Co.	do.	1 68
I 7391	do.	Charles Emblehard	do.	13 50
I 7392	do.	Leavitt Mfg. Co.	Laboratory apparatus	11 50
I 7393	do.	B. A. Strauch	Rent	3 00

## INSTRUCTION VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1916			
I 7394	Mar. 21	The Western Electric Co.	Cord	\$ 19 67
I 7395	.do.	Gregory Electric Co.	Electric supplies	45 10
I 7396	.do.	Louden & Flanigan	Printing	5 00
I 7397	.do.	Illinois State Reformatory	.do.	6 70
I 7398	Mar. 23	A. L. Moody	Services	55 00
I 7399	.do.	Albert Bradford	.do.	60 00
I 7400	.do.	F. O. Anderegg	Salary, March, 1916.	90 00
I 7401	.do.	Carl Adams	.do.	54 00
I 7402	.do.	W. C. Jones	.do.	75 00
I 7403	.do.	C. E. Nay	.do.	50 00
I 7404	.do.	Fred Pine	.do.	80 00
I 7405	.do.	Frank Sanders	.do.	50 00
I 7406	.do.	J. F. Smith	.do.	75 00
I 7407	.do.	J. T. Thompson	.do.	50 00
I 7408	.do.	Charles H. Wheatecraft	.do.	50 00
I 7409	.do.	H. Williamson	.do.	50 00
I 7410	.do.	Roy Argo	.do.	60 00
I 7411	.do.	Lucy M. Barto	.do.	20 00
I 7412	.do.	A. H. Beavis	.do.	45 00
I 7413	.do.	Jasper Dillon	.do.	60 00
I 7414	.do.	Ralph Eaton	.do.	47 50
I 7415	.do.	Joseph Edwards	.do.	50 00
I 7416	.do.	W. J. Engle	.do.	80 00
I 7417	.do.	Lawrence Engle	.do.	25 00
I 7418	.do.	R. C. Geisel	.do.	47 50
I 7419	.do.	W. J. Hampton	.do.	75 00
I 7420	.do.	W. N. Hutchinson	.do.	47 50
I 7421	.do.	C. C. Chapman	.do.	100 00
I 7422	.do.	M. D. Rose	.do.	55 00
I 7423	.do.	Andrew Tornquist	.do.	75 00
I 7424	.do.	Alice Reed	.do.	60 00
I 7425	.do.	H. D. McQueen	.do.	55 00
I 7426	.do.	W. M. Woods	.do.	50 00
I 7427	.do.	J. R. Kelley	.do.	65 00
I 7428	.do.	B. H. Dunlap	.do.	70 00
I 7429	.do.	L. A. Hunter	.do.	80 00
I 7430	.do.	Lavina Dille	.do.	60 00
I 7431	.do.	J. E. Morgan	.do.	10 00
I 7432	.do.	Mrs. Louise Redman	.do.	60 00
I 7433	.do.	Mrs. Lizzie Shur	.do.	40 00
I 7434	.do.	Mrs. A. D. Horn	.do.	40 00
I 7435	.do.	Lena A. Roth	.do.	50 00
I 7436	.do.	Chas. M. Samson	Office supplies	5 00
I 7437	.do.	James H. Greene	Traveling expenses	8 77
I 7438	.do.	McIntosh Stereopticon Co.	General supplies	7 30
I 7439	.do.	The Bracht Co.	Saw blades	6 08
I 7440	.do.	S. E. Huff & Co.	General supplies	8 35
I 7441	.do.	Oldham Brothers	.do.	1 00
I 7442	.do.	Pilon & Rodgers	Services	10 00
I 7443	.do.	R. R. Snapp	Traveling expenses	10 52
I 7444	.do.	A. C. McCullough	Hay	67 42
I 7445	.do.	J. M. Lindgren	Services	3 00
I 7446	.do.	Taylor Hardware Co.	General supplies	21 45
I 7447	.do.	Crucible Steel Co. of America	Steel	44 67
I 7448	.do.	Cochrane-Bly Co.	Saw blades	6 50
I 7449	.do.	C. A. Kiler	Laboratory supplies	1 68
I 7450	.do.	Pittsburgh Plate Glass Co.	Glass	4 28
I 7451	.do.	The Prest-O-Lite Co.	Laboratory supplies	5 54
I 7452	.do.	Superior Oxygen Co. of Missouri	Oxygen	2 25
I 7453	.do.	Twin City Roofing Co.	Exhaust pipe	6 20
I 7454	.do.	The Tablet & Ticket Co.	Office supplies	1 54
I 7455	.do.	Capital Paper Co.	General supplies	2 34
I 7456	.do.	The Frederick Post Co.	.do.	30 20
I 7457	.do.	Freeman & Son	.do.	11 14
I 7458	.do.	The Tablet & Ticket Co.	Office supplies	1 54
I 7459	.do.	Max Ely	Laboratory apparatus	4 25
I 7460	.do.	Utica Fire Sand Co.	White sand	33 00
I 7461	.do.	Walker & Mulliken	Office equipment	26 97
I 7462	.do.	H. Swannell & Son	General supplies	3 00
I 7463	.do.	Empire Laundry	Laundry	8 62
I 7464	.do.	Rand, McNally & Co.	Laboratory apparatus	6 50
I 7465	.do.	Powers & Powers	Hydra	2 50
I 7466	.do.	Charles H. Ward	Museum specimens	106 00
I 7467	.do.	Library Bureau	Office supplies	4 00
I 7468	.do.	Terre Haute Engraving Co.	Copper etchings	7 26
I 7469	.do.	Eimer & Amend	Laboratory supplies	15 90
I 7470	.do.	O. M. Allyn	Traveling expenses	13 26
I 7471	.do.	D. H. Lloyd	Rent	25 00

## INSTRUCTION VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1916			
I 7472	Mar. 23	Underwood Typewriter Co.	Typewriter repairs	\$ 5 00
I 7473	..do.	Calumet Laundry Co.	Laundry	64 35
I 7474	..do.	B. Login & Son	Books	65 00
I 7475	..do.	Davis & Kreeger	Varnishing	5 00
I 7476	..do.	A. Kroch & Co.	Books	7 74
I 7477	..do.	Wm. Malcolm	Services	25 00
I 7478	Mar. 24	H. B. Ingalls	Salary, March	32 50
I 7479	..do.	Eleanor Peterson	..do.	30 00
I 7480	..do.	Elizabeth Collom	..do.	35 00
I 7481	..do.	Marie Freeman	..do.	50 00
I 7482	..do.	Robert W. Stark	..do.	100 00
I 7483	..do.	W. L. Bennett	..do.	75 00
I 7484	..do.	Florence Stoutzenberg	..do.	30 00
I 7485	..do.	J. C. Anderson	..do.	70 00
I 7486	..do.	Howard G. Osborne	..do.	65 00
I 7487	..do.	G. M. Linsley	..do.	42 59
I 7488	..do.	Lloyd R. Caldwell	..do.	50 00
I 7489	..do.	T. H. Lloyd	..do.	50 00
I 7490	..do.	W. W. Wilson	..do.	50 00
I 7491	..do.	Ralph Engle	..do.	30 00
I 7492	..do.	Commonwealth Co.	Electric current	389 46
I 7493	..do.	V. Mueller & Co.	General supplies	39 75
I 7494	..do.	Ahrens & Schreiner	..do.	21 45
I 7495	..do.	A. C. McClurg & Co.	..do.	34 77
I 7496	..do.	Eimer & Amend	Laboratory supplies	4 67
I 7497	..do.	The Arthur E. Thomas Co.	..do.	4 67
I 7498	..do.	The Arlington Chemical Co.	..do.	2 50
I 7499	..do.	The Western Electric Co.	General supplies	3 45
I 7500	..do.	Barron Brothers Coal Co.	Hay	2 84
I 7501	..do.	Swift & Co. Packers	Beef hearts	3 50
I 7502	..do.	H. F. Bremer	Iron boxes	47 50
I 7503	..do.	Western Educational Advertising Agency	Advertising	31 25
I 7504	..do.	Victor Electric Co.	Laboratory apparatus	9 00
I 7505	..do.	Liquid Carbonic Co.	Laboratory supplies	4 50
I 7506	..do.	Sprague, Warner & Co	General supplies	2 50
I 7507	..do.	A. Daigger & Co.	Condensers	6 75
I 7508	..do.	Bradner, Smith & Co	General supplies	15 68
I 7509	..do.	Arthur Ochs	Rabbits	31 50
I 7510	..do.	Howard Dimmitt	..do.	9 00
I 7511	..do.	Fuller-Morrison Co.	General supplies	101 00
I 7512	..do.	F. W. Woolworth Co.	..do.	3 60
I 7513	..do.	E. H. Sargent & Co	Laboratory supplies	19 25
I 7514	..do.	F. M. Leslie	..do.	39 35
I 7515	..do.	W. S. Brock	Traveling expenses	1 62
I 7516	..do.	A. J. Gunderson	..do.	9 02
I 7517	..do.	C. H. Stoelting Co.	Laboratory apparatus	20 00
I 7518	..do.	John Reichard	White oats	112 65
I 7519	..do.	William G. Johnston	Laboratory supplies	5 40
I 7520	..do.	James G. Biddle	..do.	4 80
I 7521	..do.	W. T. Robinson	Printing	3 00
I 7522	..do.	Louden & Flaningam	..do.	14 85
I 7523	..do.	Lucy Lowe	Salary, March	45 00
I 7524	..do.	Clyde Hamlin	..do.	60 00
I 7525	..do.	George Bote	..do.	85 00
I 7526	..do.	Earl Meenach	..do.	70 00
I 7527	..do.	J. E. Murdock	..do.	65 00
I 7528	..do.	H. B. Deets	..do.	70 00
I 7529	..do.	V. Weis	..do.	55 00
I 7530	..do.	J. S. Whitmire	..do.	50 00
I 7531	..do.	A. J. Stoneburner	..do.	50 00
I 7532	..do.	Charles Pollard	..do.	50 00
I 7533	..do.	Ralph Chaplin	..do.	60 00
I 7534	..do.	D. C. Sprinkle	..do.	50 00
I 7535	..do.	H. O. Woodworth	..do.	55 00
I 7536	..do.	Carl Rowland	..do.	50 00
I 7537	..do.	Jesse Judy	..do.	40 00
I 7538	..do.	Lawrence Nesbit	..do.	55 00
I 7539	..do.	Lulu Meyers	..do.	50 00
I 7540	..do.	John Palfrey	..do.	75 00
I 7541	..do.	Elmer Jenkins	..do.	60 00
I 7542	..do.	G. D. Gaddy	..do.	50 00
I 7543	..do.	E. J. Johnson	..do.	53 02
I 7544	..do.	Grover Dillion	..do.	50 00
I 7545	..do.	W. L. Harry	..do.	100 00
I 7546	..do.	Harry Pritchard	..do.	70 00
I 7547	..do.	Ralph Pritchard	..do.	65 00
I 7548	..do.	Emmett Brentlinger	..do.	55 00



## INSTRUCTION VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1916			
I 7549	Mar. 24	Edd Taylor.....	Salary, March.....	\$ 50 00
I 7550	do.	Dan Whitley.....	do.....	40 00
I 7551	do.	H. Kirby.....	do.....	45 00
I 7552	do.	H. R. Stanford.....	do.....	83 33
I 7553	do.	L. M. Wakeley.....	do.....	70 00
I 7554	do.	C. S. Rhode.....	do.....	75 00
I 7555	do.	Earl Garver.....	do.....	65 00
I 7556	do.	C. F. Goodman.....	do.....	60 00
I 7557	do.	C. C. Jensen.....	do.....	60 00
I 7558	do.	L. W. Colton.....	do.....	60 00
I 7559	do.	J. D. Fuller.....	do.....	55 00
I 7560	do.	G. S. Beaumont.....	do.....	32 00
I 7561	do.	R. S. Duham.....	do.....	2 00
I 7562	do.	M. R. Carlson.....	do.....	60 00
I 7563	do.	H. C. Lawson.....	do.....	60 00
I 7564	do.	I. J. Reinhart.....	do.....	60 00
I 7565	do.	F. H. Kelley.....	do.....	60 00
I 7566	do.	W. M. Frank.....	do.....	55 00
I 7567	do.	H. P. Ottman.....	do.....	60 00
I 7568	do.	W. D. Woolston.....	do.....	60 00
I 7569	Mar. 28	H. M. Henry.....	Books.....	1 25
I 7570	do.	The Woman's Board.....	do.....	3 22
I 7571	do.	The Torch Press Book Shop.....	do.....	2 60
I 7572	do.	Emil Borgmann.....	do.....	17 97
I 7573	do.	The John Clark Co.....	do.....	3 91
I 7574	do.	The Shepherd's Journal.....	do.....	1 14
I 7575	do.	Columbia Law Review.....	do.....	2 50
I 7576	do.	Teachers Monographs.....	do.....	1 00
I 7577	do.	The Fruitman's Guide.....	do.....	1 00
I 7578	do.	New York Produce Review & American Creamery.....	do.....	1 00
I 7579	do.	John Byrne & Co.....	do.....	12 00
I 7580	do.	Rev. J. W. Shearer.....	do.....	1 00
I 7581	do.	Carswell Co.....	do.....	1 90
I 7582	do.	John E. Scopes & Co.....	do.....	3 81
I 7583	do.	E. P. Dutton & Co.....	do.....	15 39
I 7584	do.	Power's Book Store.....	do.....	8 00
I 7585	do.	D. Van Nostrand Co.....	do.....	27 00
I 7586	do.	Soil Science.....	do.....	3 00
I 7587	do.	The American Society of Mechanical Engineers.....	do.....	6 00
I 7588	do.	Alden Brown.....	do.....	50 00
I 7589	do.	National Fire Protection Association.....	do.....	13 00
I 7590	do.	Secretary of the Commonwealth.....	do.....	10 00
I 7591	do.	Munn & Co., Inc.....	do.....	3 00
I 7592	do.	Mathematical Association of America.....	do.....	5 00
I 7593	do.	G. W. Sheldon & Co.....	do.....	7 65
I 7594	do.	H. Kharajian.....	do.....	1 00
I 7595	do.	C. W. Ritter.....	do.....	9 60
I 7596	do.	Goodspeed's Book Shop.....	do.....	2 50
I 7597	do.	The Hispanic Society of America.....	do.....	4 00
I 7598	do.	The Macmillan Co.....	do.....	16 20
I 7599	do.	Mrs. J. Evelyn Ridgeay.....	do.....	8 10
I 7600	do.	John Davis.....	do.....	6 50
I 7601	do.	John Wanamaker.....	do.....	123 37
I 7602	do.	Joseph Baer & Co.....	do.....	6 60
I 7603	do.	A. L. A. Publishing Co.....	do.....	3 16
I 7604	do.	J. Fischer & Brother.....	do.....	6 41
I 7605	do.	The Willis Music Co.....	do.....	1 38
I 7606	do.	The University of Chicago Press.....	do.....	5 36
I 7607	do.	The Boston Book Co.....	do.....	5 07
I 7608	do.	The University of Illinois Supply Store.....	General supplies.....	95 91
I 7609	do.	J. M. Hanson-Bennett Magazine Agency.....	Journals.....	29 75
I 7610	do.	The H. W. Wilson Co.....	Books.....	8 83
I 7611	do.	Samuel N. Rhoads.....	do.....	12 55
I 7612	do.	The Morris Book Shop.....	do.....	4 07
I 7613	do.	Ulrico Hoepli.....	do.....	475 48
I 7614	do.	J. Terquem.....	do.....	1 67
I 7615	do.	A. C. McClurg & Co.....	do.....	206 83
I 7616	do.	G. E. Stechert & Co.....	do.....	1,998 93
I 7617	do.	Lemcke & Buechner.....	do.....	132 00
I 7618	do.	D. Appleton & Co.....	Laboratory supplies.....	8 00
I 7619	do.	Bradner Smith & Co.....	do.....	18 90
I 7620	do.	B. Login & Son.....	Books.....	7 00
I 7621	do.	Brooks & Gerow.....	Dental supplies.....	2 60
I 7622	do.	V. Mueller & Co.....	General supplies.....	57 30
I 7623	do.	Hunter, Rourke & Co.....	do.....	27 50
I 7624	do.	Eisner Grocery Co.....	do.....	3 43

## INSTRUCTION VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1916			
I 7625	Mar. 28	Pilon & Rodgers	Freight	\$ 6 00
I 7626	do.	S. E. Huff & Co.	General supplies	42 20
I 7627	do.	E. H. Sargent & Co.	Laboratory supplies	3 03
I 7628	do.	W. W. Wilson	Traveling expenses	25 80
I 7629	do.	Geo. B. Carpenter & Co.	General supplies	8 28
I 7630	do.	Thos. Stark	Straw	10 00
I 7631	do.	John Reichard	Corn	793 13
I 7632	do.	John H. Doyle	Iron kettle	3 50
I 7633	do.	Shapleigh Hardware Co.	General supplies	21 70
I 7634	do.	F. J. Burns & Co.	Frogs	7 20
I 7635	do.	A. C. McClurg & Co.	General supplies	8 81
I 7636	do.	Freeman & Son	do.	2 20
I 7637	do.	W. Atlee Burpee Seed Co.	Corn	1 50
I 7638	do.	Detroit Flower Pot Co.	General supplies	8 45
I 7639	do.	Conrad & Jones Co.	do.	1 70
I 7640	Mar. 29	Twin City Ice & Cold Storage Co.	Ice	12 00
I 7641	do.	Poehlmann Brothers Co.	Nursery supplies	7 70
I 7642	do.	A. S. Nelson & Sons	General supplies	1 20
I 7643	do.	Freeman & Son	do.	1 50
I 7644	do.	Corning Glass Works	do.	3 75
I 7645	do.	The Globe-Wernicke Co.	Laboratory supplies	9 00
I 7646	do.	Library Bureau	Label holders	3 31
I 7647	do.	Mueller Brothers	Maps mounted	31 80
I 7648	do.	Wilhelm Miller	Traveling expenses	15 69
I 7649	do.	F. L. Venning	do.	6 54
I 7650	do.	Rogers & Hall Co.	Laboratory supplies	9 00
I 7651	do.	Lyon & Healy	Organ and motor	555 00
I 7652	do.	Eugene Distgen Co.	General supplies	1 78
I 7653	do.	American Pharmaceutical Association	Advertising	9 00
I 7654	do.	Lillian Eastman	Nursery stocks	23 00
I 7655	do.	Inman Hotel	Traveling expenses	6 15
I 7656	do.	C. L. Mays	Services	1 50
I 7657	do.	A. R. Walton	Furniture	28 75
I 7658	do.	G. C. Willis	Laboratory supplies	9 27
I 7659	do.	W. R. Bradley & Co.	Food supplies	72 74
I 7660	do.	Mrs. E. W. Donoho	Services	30 00
I 7661	do.	J. D. Fuller	Traveling expenses	11 48
I 7662	do.	N. W. Hepburn	do.	9 73
I 7663	do.	Florence R. Curtis	Books	4 96
I 7664	do.	A. W. Shaw Co.	do.	27 00
I 7665	do.	N. A. Weston	Traveling expenses	12 49
I 7666	do.	American Commerce Association	Books	80 00
I 7667	do.	J. M. Hanson-Bennett Magazine Agency	do.	14 00
I 7668	do.	G. W. Sheldon & Co.	Freight	284 65
I 7669	do.	F. M. Leslie	Frames	6 75
I 7670	do.	C. C. Logan	Traveling expenses	12 74
I 7671	do.	Wm. Aten, Sr.	Field work	15 75
I 7672	do.	Wm. Fliege	do.	10 40
I 7673	do.	James H. Greene	Traveling expenses	21 88
I 7674	do.	The University of Illinois Supply Store	Books	16 20
I 7675	do.	William Abbott	do.	3 25
I 7676	do.	H. W. Wilson Co.	do.	2 00
I 7677	do.	Ernst Hertzberg & Sons	do.	161 61
I 7678	do.	The Boston Book Store	do.	162 00
I 7679	do.	G. E. Stechert & Co.	do.	120 37
I 7680	do.	A. C. McClurg & Co.	do.	28 35
I 7681	do.	Pantagraph Printing & Stationery Co.	Printing	121 63
I 7682	do.	Earl Harrington	Salary, March	60 00
I 7683	do.	M. E. Thompson, Cashier	Labor bills	249 69
I 7684	do.	M. E. Thompson, Cashier	do.	163 67
I 7685	do.	H. S. Capron, Treasurer	Material furnished from University storeroom	812 90
I 7686	do.	H. S. Capron, Treasurer	do.	2,348 54
I 7687	Mar. 30	Fred Pine	Traveling expenses	28 12
I 7688	do.	H. P. Rusk	do.	30 66
I 7689	do.	Central Scientific Co.	Laboratory supplies	12 00
I 7690	do.	E. H. Sargent & Co.	General supplies	67 01
I 7691	do.	Bacon Brothers	do.	1 50
I 7692	do.	W. Lewis & Co.	do.	6 03
I 7693	do.	International Harvester Co.	Machinery	1 60
I 7694	do.	Taylor Hardware Co.	General supplies	7 12
I 7695	do.	The Carswell Co.	Machinery	24 63
I 7696	do.	J. M. Hanson Bennett Magazine Agency	Books	6 85
I 7697	do.	The Federal Trade Service Corporation	do.	3 00
I 7698	do.	R. E. Hieronymus	Traveling expenses	40 06
I 7699	do.	The Weekly Underwriter	Books	450 00
I 7700	do.	High School Life	Advertising	5 00
I 7701	do.	Peoples Gas Light & Coke Co.	Lighting	56 26

## INSTRUCTION VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1916			
I 7702	Mar. 30	J. H. Armstrong	Incidentals	\$ 2 19
I 7703	..do..	F. M. Leslie	Laboratory apparatus	18 50
I 7704	..do..	F. B. Pease Co.	Express	6 40
I 7705	..do..	The Burr Co.	Building repairs	51 40
I 7706	..do..	Van Camp Hardware & Iron Co.	General supplies	29 39
I 7707	..do..	The Wing Seed Co.	Seeds	67 15
I 7708	..do..	W. Atlee Burpee & Co.	General supplies	23 60
I 7709	..do..	The Albert Dickinson Co.	Hay	29 38
I 7710	..do..	The Macmillan Co.	Books	1 00
I 7711	..do..	Illinois Agriculturist	Incidental	124 25
I 7712	..do..	Auto Pedal Pad Co.	Machine repairs	3 42
I 7713	..do..	Harriman Auto Shop	..do..	2 10
I 7714	..do..	The Globe-Wernicke Co.	Office equipment	30 00
I 7715	..do..	Central Electric Co.	Electric supplies	2 53
I 7716	..do..	Eisner Grocery Co.	General supplies	11 70
I 7717	..do..	Bausch & Lomb Optical Co.	Laboratory supplies	10 73
I 7718	..do..	Spencer Lens Co.	Laboratory apparatus	9 48
I 7719	..do..	J. V. Riggs	Laboratory supplies	1 50
I 7720	..do..	A. B. Johnson	Clock repairs	1 75
I 7721	..do..	Robert Abernathy	Base viol repairs	5 00
I 7722	..do..	Albert T. Mills	Incidentals	2 00
I 7723	..do..	Stipes & Hecker	Tiles	1 50
I 7724	..do..	Jas. G. Bailey	Seed corn	2 50
I 7725	..do..	W. L. Mills	Corn	2 50
I 7726	..do..	W. N. Scarff	General supplies	6 00
I 7727	..do..	The G. D. Sutton Co.	Seed corn	3 50
I 7728	..do..	Funk Bros. Seed Co.	General supplies	47 85
I 7729	..do..	Armour Fertilizer Works	Phosphate	5 25
I 7730	..do..	A. F. Gustafson	Traveling expenses	16 72
I 7731	..do..	Emerson-Brammingham Implement Co.	Hay rake	21 00
I 7732	..do..	Robert F. Daggett	Traveling expenses	7 82
I 7733	..do..	Hunter, Rourke & Co.	General supplies	27 02
I 7734	..do..	Nyman Trunk & Leather Co.	Leather bag	15 00
I 7735	..do..	D. M. Horkmans	Slides	7 04
I 7736	..do..	The Mining American	Subscription	2 00
I 7737	..do..	The Braun Corporation	Laboratory supplies	8 09
I 7738	..do..	Justrite Mfg. Co.	Lamps	5 12
I 7739	..do..	Eastman Kodak Co.	Photo supplies	43 00
I 7740	..do..	Weston Electrical Instrument Co.	Laboratory apparatus	204 00
I 7741	..do..	Eugene Dietzgen Co.	Office supplies	1 30
I 7742	..do..	Sears, Roebuck & Co.	General supplies	20 04
I 7743	..do..	Terre Haute Engraving Co.	Half-tones	74 46
I 7744	..do..	Charles Mollet	Laboratory apparatus	21 70
I 7745	..do..	The Inner Braced Furniture Co.	Chairs	23 76
I 7746	..do..	Devco & Reynolds Co.	Office supplies	1 48
I 7747	..do..	Marine Biological Laboratories	General supplies	2 88
I 7748	..do..	Hammer's Ateliers	Laboratory supplies	44 44
I 7749	..do..	Woldenberg & Schaar	..do..	32 03
I 7750	..do..	Eimer & Amend	..do..	7 76
I 7751	..do..	Swartz Electric Shop	General supplies	5 84
I 7752	..do..	Central Scientific Co.	Laboratory supplies	249 02
I 7753	..do..	The Arlington Chemical Co.	..do..	2 00
I 7754	..do..	National Gum & Mica Co.	Carbon	3 96
I 7755	..do..	The Dow Chemical Co.	Chloroform	15 00
I 7756	..do..	The Champaign Bottling Works	Carbon dioxide	9 50
I 7757	..do..	Macbeth-Evans Glass Co.	Laboratory supplies	25 46
I 7758	..do..	The Linde Air Products Co.	..do..	1 00
I 7759	..do..	G. E. Stechert & Co.	Books	100 94
I 7760	..do..	A. C. McClurg & Co.	..do..	14 26
I 7761	..do..	Canada Law Book Co.	..do..	20 30
I 7762	..do..	T. H. Flood & Co.	..do..	140 39
I 7763	..do..	Ernst Hertzberg & Sons	..do..	34 09
I 7764	..do..	Samuel P. Irwin	..do..	4 00
I 7765	..do..	Law Reporting Co.	..do..	10 00
I 7766	..do..	The Boston Book Co.	..do..	5 00
I 7767	..do..	The American Law Book Co.	..do..	5 00
I 7768	..do..	A. Daigger & Co.	General supplies	2 00
I 7769	..do..	A. C. McClurg & Co.	Office supplies	6 94
I 7770	..do..	Cleveland Press	Books	6 00
I 7771	..do..	Miss E. Barrington	General supplies	2 45
I 7772	..do..	Huntley Dairy Co.	Kazol	1 95
I 7773	..do..	V. Mueller & Co.	General supplies	85 25
I 7774	..do..	Frank S. Betz Co.	Forceps	1 53
I 7775	..do..	American Electrical Supply Co.	Fuses	2 44
I 7776	..do..	Cosmo Electric Construction Co.	Wire	20 00
I 7777	..do..	Hans Heydemann	Dental supplies	3 85
I 7778	..do..	Gallagher Dental Supply Co.	..do..	2 25
I 7779	..do..	Geo. E. Brown & Co.	..do..	31 00

## INSTRUCTION VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
1916				
I 7780	Mar. 30	Thomas J. Dee & Co.	General supplies.	\$469 44
I 7781	..do..	C. L. Frame Dental Supply Co.	..do..	71 10
I 7782	..do..	C. A. Brumley	Salary, March.	67 50
I 7783	Mar. 31	E. J. Johnson	..do..	70 00
I 7784	..do..	M. E. Thompson, Cashier.	Labor bills.	82 90
I 7785	..do..	Cosmo Electric Construction Co.	Electric plugs.	22 00
I 7786	..do..	J. M. Hanson-Bennett Magazine Agency.	Books.	2 25
I 7787	..do..	Fuller-Morrison Co.	Laboratory supplies.	34 22
I 7788	..do..	E. H. Sargent & Co.	..do..	16 57
I 7789	..do..	W. Lewis & Co.	..do..	24 30
I 7790	..do..	Oldham Brothers.	..do..	3 40
I 7791	..do..	G. E. Stechert & Co.	Books.	5 72
I 7792	..do..	The Linde Air Products Co.	Laboratory supplies.	2 50
I 7793	..do..	The Kalamazoo Multicopy Co.	Multicopy.	7 00
I 7794	..do..	Westinghouse Electric & Mfg. Co.	Laboratory apparatus.	10 00
I 7795	..do..	Commercial Acetylene Ry., Light & Signal Co.	Laboratory supplies.	3 38
I 7796	..do..	Jesse B. Davis.	Lectures.	25 00
I 7797	..do..	W. R. Bradley & Co.	General supplies.	6 25
I 7798	..do..	The Inner Braced Furniture Co.	..do..	25 65
I 7799	..do..	A. J. Gunderson	Traveling expenses.	5 76
I 7800	..do..	B. S. Pickett.	..do..	10 08
I 7801	..do..	Naomi Newburn.	Lectures.	25 00
I 7802	..do..	Vaughan's Seed Store.	Seeds.	45 00
I 7803	..do..	John H. Doyle.	Shears.	3 75
I 7804	..do..	L. L. Olds Seed Co.	Seeds.	20 65
I 7805	..do..	Pittsburgh Plate Glass Co.	Glass.	6 48
I 7806	..do..	McIntosh Stereopticon Co.	Laboratory apparatus.	10 23
I 7807	..do..	Morris & Co.	General supplies.	28 56
I 7808	..do..	J. L. Edmonds.	Traveling expenses.	40 00
I 7809	..do..	Mell Crews.	Live stock.	408 00
I 7810	..do..	Alex Harmon & Son.	Horseshoes.	12 80
I 7811	..do..	E. C. Kent.	Gasoline.	9 25
I 7812	..do..	Mandle Clay Mining Co.	Clay.	4 20
I 7813	..do..	The H. & M. Day-Taylor Instrument Co.	General supplies.	10 11
I 7814	..do..	Driver-Harris Wire Co.	Wire.	3 02
I 7815	..do..	J. T. Ryerson & Son.	Laboratory supplies.	1 47
I 7816	..do..	Superior Oxygen Co.	Oxygen.	4 50
I 7817	..do..	Weston Electrical Instrument Co.	Laboratory supplies.	5 70
I 7818	..do..	Union Clay Products Co.	Crude clay.	3 00
I 7819	..do..	Heffer & Sons.	Books.	37 86
I 7820	..do..	Henry Sotheran & Co.	..do..	165 66
I 7821	..do..	The American Clydesdale Association.	..do..	6 00
I 7822	..do..	American Institute of Mining Engineers.	..do..	6 00
I 7823	..do..	German American Historical Society.	..do..	3 00
I 7824	..do..	Robert Rutter & Son.	..do..	2 50
I 7825	..do..	The National Child Labor Committee.	..do..	1 25
I 7826	..do..	Architectural Book Publishing Co.	..do..	12 50
I 7827	..do..	The Boston Book Co.	..do..	2 60
I 7828	..do..	T. Hirase.	..do..	3 10
I 7829	..do..	P. J. & A. E. Dobell.	..do..	15 47
I 7830	..do..	Albert Sutton.	..do..	3 67
I 7831	..do..	Thomas Baker.	..do..	4 60
I 7832	..do..	B. H. Blackwell.	..do..	1 60
I 7833	..do..	Bernard Quaritch.	..do..	2 23
I 7834	..do..	Henry Stevens Son & Stiles.	..do..	11 52
I 7835	..do..	John Sheldon & Co.	..do..	7 22
I 7836	..do..	Pickering & Chatto.	..do..	33 53
I 7837	..do..	Honore Champion.	..do..	56 89
I 7838	..do..	Cummin & Masson.	..do..	17 11
I 7839	..do..	Lucien Gougry.	..do..	47 08
I 7840	..do..	Martinus Nijhoff.	..do..	115 36
I 7841	..do..	The Lawyers Co-operative Pub. Co.	..do..	2 50
I 7842	..do..	V. Weis.	Salary, March, 1916.	55 00
I 7843	..do..	Pay roll.	March, 1916.	60 00
I 7844	..do..	The University Press.	Printing.	10 50
I 7845	..do..	Illinois State Reformatory.	..do..	6 80
I 7846	..do..	Louden & Flaningam.	..do..	1 00
I 7847	..do..	Flanigan-Pearson Co.	..do..	6 10
I 7848	..do..	M. E. Thompson, Cashier.	Labor bills.	180 60
I 7849	..do..	H. S. Capron, Treasurer.	Material furnished from University storeroom.	219 42
I 7850	..do..	H. S. Capron, Treasurer.	..do..	472 64
I 7851	..do..	H. S. Capron, Treasurer.	..do..	203 72
I 7852	..do..	H. S. Capron, Treasurer.	..do..	233 64
I 7853	..do..	Nina B. Crigler.	Salary, March.	80 00
I 7854	..do..	Louise Bennett.	..do..	41 25
I 7855	..do..	Bradner, Smith & Co.	Laboratory supplies.	101 40

## INSTRUCTION VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
1916				
I 7856	Mar. 31	Chas. H. Besly & Co.	General supplies.	\$ 4 86
I 7857	do.	Swift & Co.	Laboratory supplies.	12 64
I 7858	do.	V. Mueller & Co.	do.	18 35
I 7859	do.	Wanner Machinery Co.	Laboratory apparatus.	5 50
I 7860	do.	Peck & Hills Furniture Co.	Filing cabinet.	15 72
I 7861	do.	H. K. Mulford Co.	Laboratory supplies.	12 35
I 7862	do.	Western Lumber Co.	Pine.	6 30
I 7863	do.	E. H. Walts.	Laboratory supplies.	8 75
I 7864	do.	American Electric Supply Co.	Carbon brushes.	10 12
I 7865	do.	Barron Brothers Coal Co.	Hay.	2 49
I 7866	do.	Pittsburgh Plate Glass Co.	General supplies.	1 10
I 7867	do.	Benjamin Electric Mfg. Co.	Electric supplies.	12 61
I 7868	do.	Nollay & Wolff Mfg. Co.	Lumber.	5 75
I 7869	do.	Marshall Field & Co.	General supplies.	86 17
I 7870	do.	A Daigger & Co.	Laboratory supplies.	3 80
I 7871	do.	Chicago Daily News Co.	Incidentals.	1 00
I 7872	do.	Jewell Belting Co.	Belting.	14 93
I 7873	do.	The Arthur H. Thomas Co.	Laboratory supplies.	1 67
I 7874	do.	The A. H. Andrews Co.	Desk.	38 00
I 7875	do.	Ahrens & Schreiner.	Laboratory supplies.	1 25
I 7876	do.	Elmer & Amend.	do.	5 03
I 7877	do.	Chicago Cork Works Co.	Cork.	1 05
I 7878	do.	Chicago Medical Book Co.	Books.	19 58
I 7879	do.	W. Lewis & Co.	Laboratory supplies.	13 05
I 7880	do.	Taylor Hardware Co.	General supplies.	7 90
I 7881	do.	L. K. Howse.	do.	16 25
I 7882	do.	Eisner Grocery Co.	do.	6 95
I 7883	do.	Harris-Dillavou & Co.	do.	24 51
I 7884	do.	The Creamery Package Mfg. Co.	Laboratory supplies.	17 85
I 7885	do.	Metzler & Schafer Co.	General supplies.	5 88
I 7886	do.	B. E. Spalding.	do.	1 10
I 7887	do.	General Chemical Co.	Chemicals.	5 94
I 7888	do.	Woods Brothers Silo & Mfg. Co.	Cream tank.	9 50
I 7889	do.	Herman H. Buhs.	Straw.	69 24
I 7890	do.	Freeman & Son.	Laboratory supplies.	1 00
I 7891	do.	F. K. Robeson.	General supplies.	2 00
I 7892	do.	S. E. Huff & Co.	Coal.	5 25
I 7893	do.	The Burr Co.	Chains.	6 00
I 7894	do.	Herman C. Horneman.	Livestock.	257 50
I 7895	do.	Walker & Mulliken.	Mattress.	5 75
I 7896	do.	D. H. Loyde.	Apparatus repairs.	4 85
I 7897	do.	The Quaker Oats Co.	Animal feed.	2 50
I 7898	do.	The University of Illinois Supply Store.	Office supplies.	1 00
I 7899	do.	M. H. Campbell.	Traveling expenses.	10 70
I 7900	do.	Blatchford Calf Meal Factory.	Animal feed.	3 50
I 7901	do.	Van Camp Hardware & Iron Co.	General supplies.	8 75
I 7902	do.	National Carton Co.	do.	46 02
I 7903	do.	Medart Patent Pulley Co.	Machine repairs.	4 39
I 7904	do.	Eastman Salt Products Co.	Chloride.	17 25
I 7905	do.	Stone & Forsyth Co.	General supplies.	22 50
I 7906	do.	Twin Kirby Creamery Co.	Salt.	4 80
I 7907	do.	E. V. Kirby Auto Co.	Apparatus repairs.	8 55
I 7908	do.	Jolly-Wieland & Richardson Co.	Laboratory supplies.	26 60
I 7909	do.	J. M. Hanson-Bennett Magazine Agency.	Incidentals.	17 75
I 7910	do.	The Gazette.	do.	6 25
I 7911	do.	The Inner Braced Furniture Co.	Laboratory supplies.	13 50
I 7912	do.	S. L. Allen & Co.	General supplies.	1 10
I 7913	do.	Rogers & Hall Co.	Circulars.	55 00
I 7914	do.	Charles Downing Lay.	Services.	10 55
I 7915	do.	The American Multigraph Sales Co.	Office supplies.	2 60
I 7916	do.	W. J. Smith.	General supplies.	11 55
I 7917	do.	Louis F. Nafis.	Laboratory supplies.	41 90
I 7918	do.	D. K. Fraser.	General supplies.	1 00
I 7919	do.	G. C. Willis.	Linen.	4 89
I 7920	do.	Chicago Medical Book Co.	Books.	2 10
I 7921	do.	M. A. Donohue & Co.	Office supplies.	15 00
I 7922	do.	A. C. McClurg & Co.	Books.	3 69
I 7923	do.	Lloyd R. Caldwell.	Traveling expenses.	24 80
I 7924	do.	Shavings & Sawdust Co.	Shavings.	60 15
I 7925	do.	H. S. Capron, Treasurer.	Material furnished from University storeroom.	204 38
I 7926	do.	Louden & Flanigan.	Printing.	2 50
I 7927	do.	Illinois State Reformatory.	do.	74 80
I 7928	do.	Twin City Printing Co.	do.	1 60
I 7929	do.	Flanigan-Pearson Co.	do.	147 77
I 7930	Apr. 5	M. E. Thompson, Cashier.	Labor bills.	169 86
I 7931	do.	M. E. Thompson, Cashier.	do.	230 70
I 7932	Apr. 6	Roy Johnson.	Wages, March, 1916.	34 55

## INSTRUCTION VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
<b>1916</b>				
I 7933	Apr. 6	E. E. Lawson	Wages, March, 1916	\$ 30 60
I 7934	..do..	K. E. Geisendorfer	..do..	24 90
I 7935	..do..	F. Louret	..do..	34 20
I 7936	..do..	P. T. Rockey	..do..	14 30
I 7937	..do..	Edw. Lerch	..do..	20 75
I 7938	..do..	H. P. Kelley	..do..	38 50
I 7939	..do..	A. F. Holt	..do..	28 00
I 7940	..do..	G. H. Dungan	..do..	19 38
I 7941	..do..	H. J. Fitch	..do..	12 88
I 7942	..do..	D. N. Houghton	..do..	24 15
I 7943	..do..	E. F. Miller	..do..	14 70
I 7944	..do..	R. I. Shawl	..do..	17 75
I 7945	..do..	P. T. Troeger	..do..	30 00
I 7946	..do..	E. Fager	..do..	11 25
I 7947	..do..	E. I. Pilchard	..do..	17 75
I 7948	..do..	W. T. Marsh	..do..	20 00
I 7949	..do..	Alfred W. Saville	..do..	40 00
I 7950	..do..	Agnes A. Wagner	..do..	40 00
I 7951	..do..	Paul Holding	..do..	27 45
I 7952	..do..	C. E. Hull	..do..	39 50
I 7953	Apr. 10	M. E. Thompson, Cashier	Express bills	25 24
I 7954	..do..	M. E. Thompson, Cashier	..do..	30 69
I 7955	..do..	M. E. Thompson, Cashier	..do..	63 33
I 7956	..do..	M. E. Thompson, Cashier	Miscellaneous bills	100 16
I 7957	..do..	H. W. Douglas	Wages, March	45 00
I 7958	..do..	Mark Small	..do..	65 00
I 7959	..do..	J. W. Rhinesmith	..do..	45 83
I 7960	..do..	R. C. Mendenhall	Laboratory supplies	2 50
I 7961	..do..	Cooper Hewitt Electric Co	..do..	7 64
I 7962	..do..	Powers & Powers	..do..	5 00
I 7963	..do..	Elson Art Publication Co.	Books	54 00
I 7964	..do..	Brandywine Summit Kaolin & Feldspar Co.	Felsspar	6 50
I 7965	..do..	E. K. Sargent & Co.	Sulphate	4 04
I 7966	..do..	Montgomery Ward & Co	General supplies	7 34
I 7967	..do..	J. M. Thorburn & Co.	Laboratory supplies	1 22
I 7968	..do..	L. C. Smith & Bros.	Typewriter repairs	5 00
I 7969	..do..	Truman L. Kelley	Museum specimen	12 67
I 7970	..do..	Exide Battery Depots	Laboratory apparatus	18 68
I 7971	..do..	J. Spaulding & Sons Co.	General supplies	7 73
I 7972	..do..	Louis Melind Co	Sundries	1 21
I 7973	..do..	L. D. Seass	Services	25 50
I 7974	..do..	W. E. Holban	..do..	140 00
I 7975	..do..	C. A. Hughes	..do..	165 00
I 7976	..do..	S. H. Burton	..do..	20 00
I 7977	..do..	J. V. Stevenson	..do..	70 00
I 7978	..do..	Walter H. Rowe	..do..	24 00
I 7979	..do..	Urbana & Champaign Ry., Gas & Electric Co.	Tickets	4 00
I 7980	..do..	Gale Mfg. Co.	Machinery	50 00
I 7981	..do..	H. Fahrkopf	Traveling expenses	19 75
I 7982	..do..	E. E. Hoskins	..do..	14 12
I 7983	Apr. 11	Detroit Engine Works	Machinery	15 00
I 7984	..do..	Terre Haute Engraving Co.	Publications	11 30
I 7985	..do..	E. W. Sampson	General supplies	9 85
I 7986	..do..	F. M. Foltz	Tools	11 60
I 7987	..do..	C. W. Johnson	Sundries	1 25
I 7988	..do..	J. J. Hall & Son	Laboratory apparatus	19 09
I 7989	..do..	W. J. Dunn	Straw	38 05
I 7990	..do..	A. M. & L. A. Terwilliger	Tools	5 00
I 7991	..do..	Oldham Brothers	General supplies	3 00
I 7992	..do..	Houser & Sutton	Hay	194 80
I 7993	..do..	A. W. Young	..do..	124 95
I 7994	..do..	Champaign Seed Co.	Egg cartons	1 15
I 7995	..do..	Mrs. Samuel Watson	Eggs	6 00
I 7996	..do..	Central Scientific Co.	General supplies	13 14
I 7997	..do..	Peck & Hills Furniture Co.	..do..	74 97
I 7998	..do..	Van Camp Hardware & Iron Co.	Iron shoes	17 00
I 7999	..do..	Chicago Fireproof Storage Warehouse	Storage	3 00
I 8000	..do..	B. E. Spalding	Laboratory supplies	15 70
I 8001	..do..	General Chemical Co.	..do..	67 17
I 8002	..do..	Mallinkrodt Chemical Works	..do..	2 10
I 8003	..do..	Merck & Co.	..do..	1 28
I 8004	..do..	Woldenberg & Sehaar	..do..	15 00
I 8005	..do..	John A. Zalzer Seed Co.	General supplies	1 45
I 8006	..do..	C. C. Ferguson	Horseshoes	17 00
I 8007	..do..	Carl Hecker	General supplies	2 50
I 8008	..do..	L. L. Olds Seed Co.	..do..	2 80

## INSTRUCTION VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1916			
I 8009	Apr. 11	J. B. Marshall	Field work	\$ 87 75
I 8010	do.	O. M. Allyn	Traveling expenses	18 31
I 8011	do.	Stephen Rogers	Field work	47 21
I 8012	do.	W. J. Smith	Laboratory supplies	13 50
I 8013	do.	H. Fahrnkopf	Traveling expenses	15 15
I 8014	do.	John McNamara	Field work	11 26
I 8015	do.	Wm. Aten, Sr.	do.	8 39
I 8016	do.	Tom McNamara	do.	30 68
I 8017	do.	Robert Baird	do.	35 52
I 8018	do.	J. E. Whitchurch	Traveling expenses	42 26
I 8019	do.	International Harvester Co.	Machinery	79 80
I 8020	do.	Jackson Brothers	General supplies	10 05
I 8021	do.	Tablet & Ticket Co.	Office supplies	3 66
I 8022	do.	B. G. Pratt Co.	Laboratory supplies	1 70
I 8023	do.	E. V. Kirby Auto Co.	Tools	13 25
I 8024	do.	U. S. Blue Print Paper Co.	Office supplies	38 25
I 8025	do.	W. Lewis & Co.	Towels	40 00
I 8026	do.	The Burr Co.	Repair work	1 05
I 8027	do.	International Instrument Co.	Laboratory supplies	8 75
I 8028	do.	F. S. Collins	Books	5 00
I 8029	do.	Henry A. Dreer, Inc.	General supplies	8 75
I 8030	do.	I. E. Igenritz' Sons Co.	do.	10 20
I 8031	do.	The Kentucky Tobacco Product Co.	Laboratory supplies	9 00
I 8032	do.	The Grasselli Chemical Co.	Sulphate	2 60
I 8033	do.	W. S. Brook	Traveling expenses	14 91
I 8034	do.	A. J. Gunderson	do.	14 43
I 8035	do.	P. S. Campbell	Sundries	7 75
I 8036	do.	Friend Mfg. Co.	General supplies	7 60
I 8037	do.	Dayton Fruit Tree Label Co.	do.	14 40
I 8038	do.	Royal A. Stipes	Sand	3 60
I 8039	do.	Wertheimer Brothers	General supplies	4 98
I 8040	do.	Foehlmann Bros. Co.	Ferns	1 50
I 8041	do.	N. B. Dörner	Traveling expenses	79 78
I 8042	do.	Union Fruit Package Co.	General supplies	2 50
I 8043	do.	American Medical Association	Journals	6 30
I 8044	do.	Neostyle Co.	Office supplies	1 75
I 8045	do.	The Western Union Telegraph Co.	Incidentals	3 00
I 8046	do.	Birger Lindh	Services	37 50
I 8047	do.	Leo Ayers	do.	37 50
I 8048	do.	Young Key	do.	37 50
I 8049	do.	McKey & Poague	Rent	500 00
I 8050	do.	The Tablet & Ticket Co.	General supplies	5 41
I 8051	do.	A. E. Williams	Traveling expenses	18 81
I 8052	do.	J. M. Lingren	Incidentals	27 00
I 8053	do.	Edward Orton	General supplies	8 50
I 8054	do.	E. C. Wagner & Son	Services	55 00
I 8055	do.	Asa L. Shopman's Sons	Binders	4 80
I 8056	do.	Simplex Wire & Cable Co.	Wire	70 52
I 8057	do.	Sears, Roebuck & Co.	General supplies	3 28
I 8058	do.	Multiplex Display Fixture Co.	Laboratory apparatus	90 00
I 8059	do.	Swartz, Electric Shop	General supplies	2 00
I 8060	do.	C. R. Richards	Traveling expenses	151 11
I 8061	do.	Gaylord Brothers	Office supplies	53 37
I 8062	do.	H. P. Ottman	Traveling expenses	3 47
I 8063	do.	H. I. Huntington	do.	17 22
I 8064	do.	E. M. Ladd Gray	Rabbits	6 75
I 8065	do.	Hanovia Chemical & Mfg. Co.	Laboratory apparatus	23 67
I 8066	do.	The Emil Greiner Co.	Laboratory supplies	2 58
I 8067	do.	C. A. Roberts Co.	Steel tubing	9 80
I 8068	do.	Burke & James	Laboratory apparatus	9 56
I 8069	do.	The Leeds & Northrup Co.	do.	290 90
I 8070	do.	C. M. Parker	Advertising	16 30
I 8071	do.	D. E. Harris	Rent	1 45
I 8072	do.	A. J. Nyström & Co.	Laboratory apparatus	2 95
I 8073	do.	R. G. Freyer	do.	36 00
I 8074	do.	H. Swannell & Son	Laboratory supplies	3 85
I 8075	do.	Digestive Ferments Co.	do.	11 46
I 8076	do.	G. L. McIntosh	Traveling expenses	5 60
I 8077	do.	C. D. Hardy	do.	10 24
I 8078	do.	D. F. Fleming	do.	21 07
I 8079	do.	Lew R. Saret	Traveling expenses	22 86
I 8080	do.	J. H. Armstrong	do.	21 91
I 8081	do.	W. V. Bingham	Lectures	10 00
I 8082	do.	E. H. Swigert	Piano tuned	23 50
I 8083	do.	H. I. Carpenter	do.	4 50
I 8084	do.	W. H. Lowdermilk & Co.	Books	20 33
I 8085	do.	The Lawyers Co-operative Publishing Co.	do.	6 25
I 8086	do.	Statute Law Book Co.	do.	232 50

## INSTRUCTION VOUCHERS—Continued.

No.	Date.	To whom	For what.	Amount.
	1916			
I 8087	Apr. 11	Yorkshire Swine Monthly	Books	\$ 2 00
I 8088	do.	T. H. Flood & Co.	do	19 47
I 8089	do.	The Carwell Co.	do	2 70
I 8090	do.	Mrs. E. W. Donoho	Lectures	30 00
I 8091	do.	G. C. Willis	Laboratory supplies	2 25
I 8092	do.	Chas. T. Goeway	do	7 00
I 8093	do.	F. K. Robeson	General supplies	22 49
I 8094	do.	Putnam & Page Co.	Office supplies	7 20
I 8095	do.	Mrs. J. M. Smith	Laboratory supplies	3 55
I 8096	do.	George W. C. Meyer	do	2 06
I 8097	do.	E. A. Bromund Co.	do	4 30
I 8098	do.	Arthur T. Evans	do	7 50
I 8099	do.	R. G. Freyer	Laboratory apparatus	24 00
I 8100	do.	Western Biological Supply Co.	Laboratory supplies	6 50
I 8101	Apr. 12	McGraw Hill Book Co.	Books	2 98
I 8102	do.	B. Login & Son	do	50 00
I 8103	do.	Fuller-Morrison Co.	Laboratory supplies	2 70
I 8104	do.	Peck & Hills Furniture Co.	General supplies	34 73
I 8105	do.	Bradner, Smith & Co.	Office supplies	33 03
I 8106	do.	Huntley Dairy Co.	Laboratory supplies	1 95
I 8107	do.	Chicago Towel Co.	Sundries	26 37
I 8108	do.	V. Mueller & Co.	Laboratory supplies	125 65
I 8109	do.	Ahrens & Schreiner	do	1 15
I 8110	do.	Marshall Field & Co.	General supplies	18 23
I 8111	do.	E. H. Sargent & Co.	Laboratory supplies	95 72
I 8112	do.	A. C. McClurg & Co.	Office supplies	41 76
I 8113	do.	Maas Brothers	General supplies	38 00
I 8114	do.	Western Union Telegraph Co.	Service	24 00
I 8115	do.	The Peoples Gas Light & Coke Co.	Gas	56 95
I 8116	do.	Machinists Supply Co.	General supplies	32 03
I 8117	do.	Thomas J. Dee & Co.	Laboratory supplies	305 18
I 8118	do.	Mallory, Mitchell & Faust	Advertising	67 40
I 8119	do.	Pittsburgh Plate Glass Co.	Glass	14 90
I 8120	do.	Chicago Telephone Co.	Telephone	97 04
I 8121	do.	Central Scientific Co.	Laboratory supplies	1 59
I 8122	do.	American Electrical Supply Co.	Electrical supplies	2 00
I 8123	do.	Chicago Medical Book Co.	Books	25 00
I 8124	do.	Spencer Lens Co.	Laboratory supplies	7 83
I 8125	do.	Hamblin Plumbing Co.	Plumbing	21 25
I 8126	do.	Harms & Scheuber	Food stuffs	20 80
I 8127	do.	Physicians' Supply & Drug Co.	General supplies	4 50
I 8128	do.	Parke, Davis & Co.	Laboratory supplies	12 75
I 8129	do.	Woods Hospital Supply Co.	do	18 00
I 8130	do.	David Berg Distilling Co.	do	183 75
I 8131	do.	Keystone Type Foundry	General supplies	3 00
I 8132	do.	Swift & Co.	Laboratory supplies	1 25
I 8133	do.	Brooks & Gerow Dental Repair Shop.	Dental supplies	7 72
I 8134	do.	C. L. Frame Dental Supply Co.	Laboratory supplies	15 00
I 8135	do.	Morgan, Hastings & Co.	do	73 50
I 8136	do.	Conrad Slide & Projection Co.	Lantern slides	2 45
I 8137	do.	Western Educational Advertising Co.	Advertising	8 00
I 8138	do.	City of Chicago	Incidentals	4 00
I 8139	do.	Conner & Quayle	Horseshoes	17 00
I 8140	do.	Metzler & Schafer Co.	General supplies	7 90
I 8141	do.	McIntosh Stereopticon Co.	Laboratory apparatus	11 73
I 8142	do.	Keuffel & Esser Co.	Office supplies	9 83
I 8143	do.	C. C. Logan	Traveling expenses	49 94
I 8144	do.	Chas. A. Hall Hardware Co.	General supplies	40 95
I 8145	do.	Chicago Surgical & Electrical Co.	Laboratory apparatus	80 00
I 8146	do.	Spencer Lens Co.	General supplies	86 91
I 8147	do.	E. A. Eichhorst	do	21 65
I 8148	do.	Chester Horseshoeing Shop	Horseshoes	19 25
I 8149	do.	Champaign Steam Laundry	Laundry	3 22
I 8150	do.	Eimer & Amend	General supplies	219 58
I 8151	do.	Taylor Hardware Co.	do	13 35
I 8152	do.	Library Bureau	do	73 65
I 8153	do.	Vaughan's Seed Store	do	7 80
I 8154	do.	E. H. Sargent & Co.	Laboratory supplies	34 20
I 8155	do.	W. S. Perrine	General supplies	47 78
I 8156	do.	Twin City Ice & Cold Storage Co.	Ice	81 00
I 8157	do.	Eisner Grocery Co.	Laboratory supplies	15 71
I 8158	do.	C. H. Stoelting Co.	Laboratory apparatus	74 29
I 8159	do.	Eugene Dietzgen Co.	General supplies	9 58
I 8160	do.	Dan G. Swannell	Incidentals	3 00
I 8161	do.	J. W. Butler Paper Co.	Printing	71 53
I 8162	do.	The Paper Mills' Co.	do	47 00
I 8163	Apr. 13	H. S. Capron, Treasurer	Material furnished from University storeroom	333 59



## INSTRUCTION VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
I 8164	1916 Apr. 13	H. S. Capron, Treasurer	Material furnished from University storeroom	\$613 76
I 8165	do.	R. S. Hulce	Travelling expenses	17 90
I 8166	do.	W. M. Franks	do	21 26
I 8167	do.	L. W. Colton	do	4 68
I 8168	do.	J. D. Fuller	do	1 92
I 8169	do.	Chris. C. Jensen	do	16 14
I 8170	do.	W. B. Nevens	do	3 50
I 8171	do.	F. H. Kelly	do	7 15
I 8172	do.	Earl Garver	do	3 99
I 8173	do.	G. S. Beaumont	do	2 49
I 8174	do.	H. C. Lawson	do	26 44
I 8175	do.	M. R. Carlson	do	4 32
I 8176	do.	I. J. Reinhart	do	12 10
I 8177	do.	C. W. Snow	do	15 31
I 8178	do.	H. F. Chester	do	2 00
I 8179	do.	Miss Anna E. Reese	do	56 54
I 8180	do.	Theodor Oswald Weigel	do	84 72
I 8181	do.	Charles R. Clark	do	9 94
I 8182	do.	J. Schermerhorn	do	25 00
I 8183	do.	Illinois Agriculturist	Incidentals	20 00
I 8184	do.	James H. Greene	Traveling expenses	28 57
I 8185	do.	Dean E. Davenport	do	9 69
I 8186	do.	The Boston Book Co.	Books	320 00
I 8187	do.	M. E. Thompson, Cashier	Labor bills	562 73
I 8188	do.	M. E. Thompson, Cashier	Express bills	34 75
I 8189	do.	M. E. Thompson, Cashier	do	20 27
I 8190	do.	M. E. Thompson, Cashier	Labor bills	244 32
I 8191	Apr. 14	Hunter, Rourke & Co.	General supplies	4 25
I 8192	do.	Champaign Seed Co.	do	5 15
I 8193	do.	B. E. Spalding	Laboratory supplies	1 75
I 8194	do.	Bausch & Lomb Optical Co.	Laboratory apparatus	76 83
I 8195	do.	John H. Doyle	Laboratory supplies	2 50
I 8196	do.	Twin City Ice & Cold Storage Co.	Ice	8 00
I 8197	do.	J. M. York	Laundering	4 69
I 8198	do.	Wilkinson Bros. Co.	Laboratory supplies	8 00
I 8199	do.	E. W. Sampson	General supplies	9 00
I 8200	do.	Morris & Co.	do	58 74
I 8201	do.	Kewanee Mfg. Co.	Desks	302 40
I 8202	do.	J. G. Mosier	Traveling expenses	8 89
I 8203	do.	F. W. Wascher	do	62 60
I 8204	do.	C. C. Logan	do	15 99
I 8205	do.	S. V. Holt	do	35 02
I 8206	do.	Standard Oil Co.	Gasoline	18 50
I 8207	do.	Harvard Apparatus Co.	Laboratory supplies	348 35
I 8208	do.	Chas. A. Hall Hardware Co.	General supplies	6 65
I 8209	do.	Chas. A. Strelinger Co.	do	44 00
I 8210	do.	Emerson-Brentingham Implement Co.	Machinery	31 83
I 8211	do.	B. F. Rush	Plants	29 52
I 8212	do.	G. R. Grubb & Co.	Zinc etchings	9 90
I 8213	do.	Museum of Fine Arts.	Museum specimens	11 00
I 8214	do.	C. H. Stoelting Co.	General supplies	19 29
I 8215	do.	T. H. Craig	Watch	42 00
I 8216	do.	A. J. Gunderson	Traveling expenses	5 15
I 8217	do.	Wilhelm Miller	do	20 41
I 8218	do.	Claude Vaughn	Field work	31 26
I 8219	do.	J. E. Whitechurch	Traveling expenses	31 67
I 8220	do.	C. M. Linsley	do	17 20
I 8221	do.	Chas. A. Campbell	do	11 25
I 8222	do.	H. C. Gilkerson	do	15 12
I 8223	do.	H. Fahrnkopf	do	26 55
I 8224	do.	So. Biological Supply Co.	Laboratory supplies	27 00
I 8225	do.	Hammer's Ateliers	Museum specimens	87 64
I 8226	do.	Pitkin & Brooks	Laboratory supplies	49 80
I 8227	do.	Kimble-Durand Glass Co.	do	19 37
I 8228	do.	G. B. Lewis Co.	do	50 96
I 8229	do.	D. H. Lloyd	General supplies	3 52
I 8230	do.	Rounds-Truman Co.	do	12 37
I 8231	do.	The Linde Air Products Co.	Laboratory supplies	3 00
I 8232	do.	Woldenberg & Schaer	do	19 53
I 8233	do.	The Arthur H. Thomas Co.	do	12 00
I 8234	do.	The American Hard Rubber Co.	do	3 00
I 8235	do.	Henry H. Shufeldt & Co.	Laboratory supplies	118 64
I 8236	do.	Eschenbach Printing Co.	Incidentals	17 84
I 8237	do.	Goldschmidt Thermit Co.	Laboratory supplies	15 00
I 8238	do.	Abbe Engineering Co.	General supplies	3 20
I 8239	do.	Supplee-Biddle Hardware Co.	Laboratory supplies	16 15
I 8240	do.	Electric Appliance Co.	do	1 31

## INSTRUCTION VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
1916				
I 8241	Apr. 14	National Carbon Co.	Laboratory supplies	\$ 13 15
I 8242	do.	Buffalo Dental Mfg. Co.	do.	2 07
I 8243	do.	A. M. and L. A. Terwilliger.	Iron	9 00
I 8244	do.	Central Scientific Co.	Laboratory supplies	145 79
I 8245	do.	E. H. Sargent & Co.	do.	63 21
I 8246	do.	Taylor Hardware Co.	General supplies	10 50
I 8247	do.	Champaign Steam Laundry	Laundry	31 85
I 8248	do.	Fairbanks, Morse & Co.	Laboratory apparatus	16 80
I 8249	do.	Eimer & Amend.	do.	124 66
I 8250	do.	E. R. Thomas.	Special cases	540 00
I 8251	do.	Ahrens & Schreiner	Laboratory supplies	1 20
I 8252	do.	Davis & Kreeger	General supplies	15 00
I 8253	do.	Maas Brothers.	do.	32 92
I 8254	do.	The Globe-Wernicke Co.	Laboratory apparatus	24 75
I 8255	do.	Barron Bros Coal Co.	Hay	1 80
I 8256	do.	Calumet Laundry Co.	Laundry	6 62
I 8257	do.	L. C. Branum	do.	5 73
I 8258	do.	Chicago Towel Co.	Towels	48 46
I 8259	do.	The University Hospital	Board and room	170 50
I 8260	do.	V. Mueller & Co.	Laboratory apparatus	11 50
I 8261	do.	The Book Shop Bindery	Books	60 40
I 8262	do.	Flanigan-Pearson Co.	Printing	53 50
I 8263	do.	University Press	do.	5 25
I 8264	do.	Bertram Abney	Services	64 00
I 8265	do.	H. S. Capron, Treasurer	Material furnished from University storeroom	1,800 74
I 8266	Apr. 17	Flanigan-Pearson Co.	Printing	2 75
I 8267	do.	Louden & Flanigan	do.	7 75
I 8268	do.	Chas. A. Hall Hardware Co.	General supplies	10 00
I 8269	do.	F. M. Leslie	Laboratory supplies	3 10
I 8270	do.	Emil Borgmann	Books	18 76
I 8271	do.	The Thompson & Norris Co.	General supplies	9 00
I 8272	do.	J. E. Yeats	do.	9 00
I 8273	do.	The Arthur H. Thomas Co.	Laboratory supplies	11 70
I 8274	do.	Allred Rehder	Museum specimen	27 00
I 8275	do.	John Deere Plow Co.	Machinery	24 90
I 8276	do.	F. K. Robeson	General supplies	1 00
I 8277	do.	Vaughan's Seed Store	Seeds	4 70
I 8278	do.	The Burr Co.	Machinery	21 25
I 8279	do.	Martin Metz.	Machinery repairs	8 50
I 8280	do.	F. M. Foltz	Incidental	1 50
I 8281	do.	Ideal Electric Co.	General supplies	1 75
I 8282	do.	T. H. Craig	Repair work	4 25
I 8283	do.	Columbia Graphophone Co.	Dictaphone	105 00
I 8284	do.	The American Rolling Mill Co.	Laboratory supplies	4 02
I 8285	do.	Chester Horseshoeing Shop	Horseshoes	17 00
I 8286	do.	The Creamery Package Mfg. Co.	Machine repairs	16 13
I 8287	do.	Central Scientific Co.	Laboratory supplies	413 19
I 8288	do.	E. A. Eichhorst	General supplies	13 80
I 8289	do.	The American Multigraph Sales Co.	Office supplies	20 84
I 8290	do.	Louis F. Nafis	Laboratory supplies	9 10
I 8291	do.	Freeman & Son	do.	4 65
I 8292	do.	Geo. B. Carpenter & Co.	General supplies	10 55
I 8293	do.	B. A. Grasberger & Co.	do.	42 00
I 8294	do.	Eastman Salt Products Co.	do.	17 36
I 8295	do.	Imperial Brush Co.	do.	4 65
I 8296	do.	Eisner Grocery Co.	Fibre bottles	10 00
I 8297	do.	Twin City Creamery Co.	General supplies	4 60
I 8298	do.	Felt & Tarrant Mfg. Co.	Office supplies	250 00
I 8299	do.	White Line Laundry	Laundry	5 44
I 8300	do.	Oldham Brothers	General supplies	2 25
I 8301	do.	S. E. Huff & Co.	Coal	8 75
I 8302	do.	Pilon & Rodgers	Sundries	5 25
I 8303	do.	Trimble Brothers	Live stock	32 65
I 8304	do.	Champaign Steam Laundry	Laundry	3 92
I 8305	do.	John H. Doyle	Apparatus repairs	6 50
I 8306	do.	Walker & Mulliken	Window shades	5 80
I 8307	do.	Maas Brothers	General supplies	1 30
I 8308	do.	V. Mueller & Co.	Dissecting set	2 75
I 8309	do.	Individual Drinking Cup Co.	General supplies	19 00
I 8310	do.	Demonstrators' Association of Illinois	do.	60 00
I 8311	do.	H. S. Capron, Treasurer	Material furnished from University storeroom	64 35
I 8312	Apr. 18	The Western Electric Co.	Switches	1 85
I 8313	do.	G. C. Willis	General supplies	1 74
I 8314	do.	Walker & Mulliken	Cane chairs	26 00
I 8315	do.	D. H. Lloyd	Laboratory supplies	3 75
I 8316	do.	Shavings & Sawdust Co.	Shavings	47 85

## INSTRUCTION VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1916			
I 8317	Apr. 18	N. W. Hepburn	Traveling expenses	\$ 9 19
I 8318	do.	Bertram Abney	do	10 14
I 8319	do.	Edward Pennoek	Laboratory supplies	10 00
I 8320	do.	P. W. Kessinger	Field work	21 49
I 8321	do.	Albert Tate	do	37 29
I 8322	do.	Dan G. Swannell	Premiums	14 00
I 8323	do.	Central Scientific Co.	Laboratory supplies	5 15
I 8324	do.	Florists' Publishing Co.	Florist's review	1 00
I 8325	do.	W. R. Stillwell	Pump repairs	10 00
I 8326	do.	Jolly-Wieland & Richardson Co.	Lime and sulphur	19 95
I 8327	do.	The Milwaukee Leader	General supplies	3 00
I 8328	do.	Montgomery, Ward & Co.	do	2 05
I 8329	do.	The J. C. Lundstrom Mfg. Co.	Laboratory apparatus	13 47
I 8330	do.	F. A. Wiltz	Dogs	6 00
I 8331	do.	The Randall Machinery Co.	Machine repairs	3 20
I 8332	do.	Frederick N. Evans	Traveling expenses	7 32
I 8333	do.	H. C. Wheeler	do	52 38
I 8334	do.	Eugene Dietzgen Co.	Office supplies	3 05
I 8335	do.	Western Stoneware Co.	Laboratory supplies	31 68
I 8336	do.	Charles H. Besly & Co.	General supplies	11 58
I 8337	do.	G. R. Grubb & Co.	Zinc etchings	5 00
I 8338	do.	Woldenberg & Schaar	Laboratory supplies	66 00
I 8339	do.	Wm. Goodbody	Office supplies	4 20
I 8340	do.	The Standard Calorimeter Co.	Laboratory supplies	11 25
I 8341	do.	The Hammond Typewriter Co.	Office supplies	1 20
I 8342	do.	Chicago Surgical & Electric Co.	Laboratory apparatus	19 60
I 8343	do.	The Monarch Engineering & Mfg. Co.	do	180 00
I 8344	do.	Lansing Co.	do	19 50
I 8345	do.	Bimer & Amend	Laboratory supplies	682 14
I 8346	do.	Norton Co.	do	12 16
I 8347	do.	E. H. Sargent & Co.	do	33 09
I 8348	do.	Mrs. E. Brown	Books	43 56
I 8349	do.	H. A. Rattermann	do	1,750 00
I 8350	do.	V. Mueller & Co.	Laboratory supplies	12 20
I 8351	do.	Maas Brothers	General supplies	9 91
I 8352	do.	The Chicago Tribune	Advertising	3 60
I 8353	do.	John Becker	Laboratory supplies	27 00
I 8354	do.	Whitall Tatum Co.	do	64 21
I 8355	do.	Fuller-Morrisson Co.	do	37 65
I 8356	do.	F. J. Burns & Co.	Live frogs	8 40
I 8357	do.	Neostyle Co.	Stencil paper	37 80
I 8358	do.	Arthur Ochs	Guinea pigs	24 00
I 8359	do.	Barron Bros. Coal Co.	Hay	2 49
I 8360	do.	Western Lumber Co.	Birch	5 76
I 8361	do.	Swift & Co.	Laboratory supplies	2 00
I 8362	do.	Central Scientific Co.	do	6 75
I 8363	do.	Calumet Laundry Co.	Laundry	80 94
I 8364	do.	Mullory, Mitchell & Faust	Advertising	16 00
I 8365	do.	Keystone Type Foundry	Printing equipment	7 84
I 8366	do.	Bradner, Smith & Co.	General supplies	35 37
I 8367	do.	H. K. Mulford Co.	Laboratory supplies	9 02
I 8368	do.	Physicians' Supply & Drug Co.	General supplies	2 50
I 8369	do.	R. D. Swisher Mfg. Co.	do	1 20
I 8370	do.	Peck & Hills Furniture Co.	File	8 40
I 8371	do.	Marshall Field & Co.	General supplies	1 24
I 8372	do.	Huntley Dairy Co.	Laboratory supplies	1 52
I 8373	do.	Pittsburgh Plate Glass Co.	General supplies	8 05
I 8374	do.	Louden & Flaningam	Printing	2 00
I 8375	Apr. 19	Pay roll	April 1916	4,429 99
		Alley, W. E.	Salary	\$100 00
		Barnes, Mary G.	do	65 00
		Beadles, Jessie R.	do	65 00
		Brownfield, Lelah	do	50 00
		Buchanan, Harold C.	do	70 00
		Buckles, Mildred	do	65 00
		Byland, T. C.	do	50 00
		Clemence, Hazel	do	70 00
		Craigmile, Jeannette	do	50 00
		Crawford, C. C.	do	70 00
		Cuerden, Fay	do	50 00
		Custer, Emma	do	75 00
		Dalton, C. E.	do	50 00
		Davis, Vera M.	do	55 00
		Fieg, Robert J.	do	50 00
		Garwood, Frances	do	60 00
		Garwood, Helen S.	do	50 00
		Geyer, Helen	do	50 00
		Glenn, Eleanor	do	55 00

## INSTRUCTION VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
I 8375	1916 Apr. 19	Goodspeed, W. S.	Salary	\$ 90 00
I 8375	Cld.	Gordon, Marie A.	do.	60 00
		Cover, Hazel W.	do.	65 00
		Griffith, Mabel F.	do.	75 00
		Halliday, Mabel.	do.	60 00
		Hamilton, Mrs. Alice.	do.	100 00
		Hathaway, Kenneth.	do.	50 00
		Hayes, Margaret.	do.	50 00
		Hayes, James Bert.	do.	100 00
		Hayward, Nellie.	do.	60 00
		Heater, Myrtle.	do.	65 00
		Hull, A. H.	do.	70 00
		Jay, Edith L.	do.	55 00
		Lahr, Lawrence.	do.	60 00
		Leitz, Louise E.	do.	45 00
		Lonius, J. C.	do.	90 00
		Luther, Ida Louise.	do.	50 00
		McGurty, Agnes.	do.	91 66
		McIntire, W. A.	do.	50 00
		McMillen, Mary B.	do.	60 00
		Manley, Verna.	do.	50 00
		Manspeaker, Lotta M.	do.	100 00
		Merchant, Donna B.	do.	60 00
		Mesack, Rudolph.	do.	65 00
		Miller, C. F.	do.	100 00
		Mock, Forrest.	do.	55 00
		Nagle, Sybil.	do.	55 00
		Nyberg, Florence.	do.	55 00
		Pieper, Mrs. H. L.	do.	50 00
		Peel, Thomas.	do.	65 00
		Pergande, Robert.	do.	95 00
		Probst, Alice.	do.	50 00
		Ressler, Milton.	do.	80 00
		Rhoads, Hazel.	do.	65 00
		Riggs, Bess.	do.	45 00
		Rock, Hazel L.	do.	55 00
		Rogers, Della M.	do.	50 00
		Rohweder, Emma.	do.	45 00
		Ross, Anne.	do.	55 00
		Scanlan, Mary.	do.	70 00
		Slater, Sarah M.	do.	65 00
		Smith, Mayme.	do.	70 00
		States, Bertha G.	do.	55 00
		Taft, Martha E.	do.	70 00
		Vanderbeek, H. J.	do.	75 00
		Vaubel, Daniel.	do.	70 00
		Wheeler, H. H.	do.	70 00
		Williamson, Paul.	do.	83 33
		Wyninger, H. T.	do.	60 00
		Zippodt, Ella R.	do.	50 00
I 8376	do.	M. E. Thompson, Cashier.	Labor bills.	\$462 07
I 8377	do.	M. E. Thompson, Cashier.	Miscellaneous bills.	8 10
I 8378	do.	M. E. Thompson, Cashier.	Labor bills.	177 37
I 8379	do.	H. C. Boswell.	Salary, April.	50 00
I 8380	Apr. 21	H. S. Capron, Treasurer.	Material furnished from University storeroom.	724 01
I 8381	do.	The University of Illinois Supply Store.	Books.	47 61
I 8382	do.	The Boston Book Co.	do.	47 20
I 8383	do.	J. Terquem.	do.	34 56
I 8384	do.	Ulrico Hoepf.	do.	4 20
I 8385	do.	J. M. Hanson-Bennett Magazine Agency.	do.	8 40
I 8386	do.	Charles Scribner's Sons.	do.	5 43
I 8387	do.	Munsell Publishing Co.	do.	53 88
I 8388	do.	Paul Gottschalk.	do.	4 55
I 8389	do.	William George's Sons.	do.	11 36
I 8390	do.	Martinus Nijhoff.	do.	1 00
I 8391	do.	B. Herder.	do.	3 00
I 8392	do.	Architectural Book Publishing Co.	do.	33 90
I 8393	do.	Franklin Bookshop.	do.	1 25
I 8394	do.	The Cadmus Book Shop.	do.	13 75
I 8395	do.	The New York Evening Post Co.	do.	1 00
I 8396	do.	Emil Borgmann.	do.	1 28
I 8397	do.	W. K. Stewart Co.	do.	3 24
I 8398	do.	John Byrne & Co.	do.	31 50
I 8399	do.	Journal of American Veterinarian Medical Association.	Journals.	1 25
I 8400	do.	The Geological Society of America.	Bulletins.	1 20
I 8401	do.	Doubleday Page & Co.	Magazines.	1 20

## INSTRUCTION VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1916			
I 8402	Apr. 21	Washington Educational Association.	Books	\$ 3 30
I 8403	do.	Engineering Record	Records	9 00
I 8404	do.	The Daily Pantagraph	Subscription	3 00
I 8405	do.	Mrs. J. H. Pettit	Books	4 00
I 8406	do.	Henry Maikan	do	6 60
I 8407	do.	G. Gerhardt & Co.	do	5 80
I 8408	do.	Economic Geology	do	5 50
I 8409	do.	The John Clark Co.	do	24 50
I 8410	do.	McKinley Publishing Co.	do	12 00
I 8411	do.	William J. Gerhard	do	1 23
I 8412	do.	The Morris Book Shop	do	2 00
I 8413	do.	Carl Fischer	do	8 28
I 8414	do.	The Camera Publishing Co.	do	1 10
I 8415	do.	Statute Law Book Co.	do	100 00
I 8416	do.	Goodspeed's Book Shop	do	9 45
I 8417	do.	Lemcke & Buechner	do	25 18
I 8418	do.	Missouri Public Service Commission	do	2 50
I 8419	do.	Blackstone Institute	do	54 00
I 8420	do.	Metzler & Schafer Co.	General supplies	93 44
I 8421	do.	A. R. Walton	do	10 75
I 8422	do.	Percival & Moorehead	Laboratory supplies	14 20
I 8423	do.	Dan G. Swannell	Premium	15 50
I 8424	do.	The Western Roofing & Supply Co.	General supplies	34 80
I 8425	do.	T. N. Carver	Traveling expenses	66 70
I 8426	do.	James H. Greene	do	24 76
I 8427	do.	Stock Yards Harness & Saddlery Co.	General supplies	5 00
I 8428	do.	American Hereford Cattle Breeders Assn.	Incidentals	10 00
I 8429	do.	Illinois Shorthorn Association	do	5 00
I 8430	do.	C. C. Logan	Traveling expenses	29 25
I 8431	do.	L. H. Provine	do	16 00
I 8432	do.	D. H. Lloyd	Rent	25 00
I 8433	do.	F. W. Wascher	Traveling expenses	34 25
I 8434	do.	H. C. Wheeler	do	32 09
I 8435	do.	S. V. Holt	do	28 15
I 8436	do.	Friend Mfg. Co.	General supplies	10 36
I 8437	do.	University Press	Office supplies	4 50
I 8438	do.	Corona Chemical Co.	Laboratory supplies	5 38
I 8439	do.	Percival & Moorehead	General supplies	4 50
I 8440	do.	Alexander Lumber Co.	Lumber	10 90
I 8441	do.	The E. G. Hills Co.	General supplies	32 50
I 8442	do.	Ralph Chaplin	Traveling expenses	46 23
I 8443	do.	The Arthur H. Thomas Co.	Laboratory apparatus	9 23
I 8444	do.	Roessler & Hasslacher Chemical Co.	Laboratory supplies	25 74
I 8445	do.	Barnhart Bros	General supplies	5 80
I 8446	do.	H. J. Snider	Traveling expenses	19 62
I 8447	do.	Amos Marx	Field work	12 98
I 8448	do.	F. W. Garrett	Traveling expenses	38 18
I 8449	do.	H. Fahrnkopf	do	24 19
I 8450	do.	John Balk	Field work	29 15
I 8451	do.	C. M. Linsley	Traveling expenses	13 11
I 8452	do.	Chas. A. Campbell	do	18 27
I 8453	do.	H. Fahrnkopf	Freight	78 00
I 8454	do.	H. C. Gilkerson	Traveling expenses	34 62
I 8455	do.	National Railway Publication Co.	Office supplies	3 00
I 8456	do.	E. P. Cubberley	Lectures	100 00
I 8457	do.	The Western Electric Co.	Laboratory apparatus	19 95
I 8458	do.	Burgemeier Book Bindery	Books	15 90
I 8459	do.	Albany Paper Products Co.	Office supplies	7 50
I 8460	do.	Chicago Medical Book Co.	do	1 13
I 8461	do.	Louden & Flammang	Printing	23 00
I 8462	do.	Nina B. Grigler	Salary, April	80 00
I 8463	Apr. 25	Pay roll	April, 1916	2,010 00
		Arneson, Mabel	Salary	\$ 75 00
		Browne, W. M.	do	250 00
		Cole, H. W.	do	100 00
		Heermann, Louise	do	60 00
		Watson, Ethel	do	50 00
		Blackwell, John	do	60 00
		Crown, Astrid E.	do	50 00
		Brodsky, Esther	do	55 00
		Froberg, Eric	do	75 00
		Fletcher, E. C.	do	125 00
		Forsyth, Arthur	do	100 00
		Peterson, Florence W.	do	40 00
		Braun, William	do	45 00
		David, Eshoo	do	55 00
		David, Simon	do	50 00
		Kastanos, John	do	50 00

## INSTRUCTION VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
I 8463	1916 Apr. 25	Allen, Josephine.....	Salary.....	\$ 55 00
Cld.		Seaberg, Elin M.....	do.....	70 00
		Ruehl, Henrietta.....	do.....	60 00
		Loomis, Metta.....	do.....	100 00
		Bates, Margaret.....	do.....	50 00
		Hyatt, E. G.....	do.....	40 00
		Rumry, Florence.....	do.....	40 00
		Hoy, Anna.....	do.....	60 00
		Tomek, Gertrude.....	do.....	65 00
		David, Paul.....	do.....	60 00
		Cubbins, Maud.....	do.....	65 00
		Toomey, Annie.....	do.....	40 00
		Bolan, Anna R.....	do.....	65 00
I 8464	do....	Pay roll.....	April, 1916.....	\$ 153 33
		Bernard, F. S.....	Salary.....	\$33 33
		Grimson, John S.....	do.....	60 00
		Bramwell, C. H.....	do.....	60 00
I 8465	do....	Pay roll.....	April, 1916.....	5,245 46
		Eycleshimer, A. C.....	Salary.....	\$416 66
		Jones, T. S.....	do.....	82 33
		Moodie, R. L.....	do.....	166 66
		Boello, Louis.....	do.....	80 00
		Kramer, Morris.....	do.....	60 00
		Emmel, V. E.....	do.....	162 50
		Welker, W. H.....	do.....	250 00
		Smith, C. S.....	do.....	166 66
		Small, J. C.....	do.....	50 00
		D'Vorak, A. C.....	do.....	50 00
		Strauch, H. H.....	do.....	82 33
		Burmeister, W. H.....	do.....	166 66
		Boughton, T. H.....	do.....	150 00
		Davis, J. J.....	do.....	208 33
		Weedon, Amy G.....	do.....	70 00
		Voss, Esther K.....	do.....	40 00
		Dreyer, G. P.....	do.....	333 33
		Curl, Howard.....	do.....	55 55
		Pearce, R. G.....	do.....	229 16
		Hiskey, George.....	do.....	45 00
		Fantus, Bernard.....	do.....	166 66
		Shackles, A. O.....	do.....	166 66
		Simonds, W. E.....	do.....	50 00
		Davis, D. J.....	do.....	208 33
		Moore, J. J.....	do.....	150 00
		Culver, H. B.....	do.....	100 00
		Panlezyski, Joseph.....	do.....	45 00
		Falls, F. H.....	do.....	100 00
		Nadeau, O. E.....	do.....	50 00
		Moorehead, F. B.....	do.....	166 66
		Noyes, F. B.....	do.....	125 00
		Wells, C. W.....	do.....	50 00
		McGuire, J. C.....	do.....	200 00
		Cooledge, E. D.....	do.....	83 33
		Blake, L. E.....	do.....	50 00
		Gallie, D. M.....	do.....	83 33
		Deist, M. W.....	do.....	100 00
		Krejci, E. J.....	do.....	100 00
		Moorehead, F. B.....	do.....	83 33
		Bernard, F. S.....	do.....	25 00
		Schultz, Louis.....	do.....	41 66
		Dittmar, G. W.....	do.....	83 33
		Starr, S. P.....	do.....	50 00
		Dewey, Kaethe.....	do.....	100 00
I 8466	do....	Alice Reed.....	Salary, April.....	60 00
I 8467	do....	C. E. Nay.....	do.....	50 00
I 8468	do....	Fred Pine.....	do.....	80 00
I 8469	do....	J. F. Smith.....	do.....	75 00
I 8470	do....	J. T. Thompson.....	do.....	50 00
I 8471	do....	Charles H. Wheatcraft.....	do.....	52 50
I 8472	do....	H. Williamson.....	do.....	52 50
I 8473	do....	Roy Argo.....	do.....	60 00
I 8474	do....	Lucy M. Barto.....	do.....	20 00
I 8475	do....	A. H. Bevis.....	do.....	45 00
I 8476	do....	Grover Dillion.....	do.....	50 00
I 8477	do....	Jasper Dillion.....	do.....	60 00
I 8478	do....	Ralph Eaton.....	do.....	50 00
I 8479	do....	Joseph Edwards.....	do.....	50 00
I 8480	do....	W. J. Engle.....	do.....	80 00
I 8481	do....	Lawrence Engle.....	do.....	25 00

## INSTRUCTION VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1916			
I 8482	Apr. 25	W. J. Hampton	Salary, April	\$ 80 00
I 8483	.do.	W. C. Jones	.do	75 00
I 8484	.do.	E. W. Bacon	.do	45 00
I 8485	.do.	H. W. Douglas	.do	45 00
I 8486	.do.	L. C. Lang	.do	45 00
I 8487	.do.	C. A. Stanley	.do	45 00
I 8488	.do.	W. M. Woods	.do	55 00
I 8489	.do.	B. H. Dunlap	.do	70 00
I 8490	.do.	L. A. Hunter	.do	80 00
I 8491	Apr. 26	J. R. Kelley	.do	65 00
I 8492	.do.	M. D. Rose	.do	55 00
I 8493	.do.	Chas. A. Campbell	.do	65 00
I 8494	.do.	C. C. Chapman	.do	100 00
I 8495	.do.	Lloyd S. Caldwell	.do	50 00
I 8496	.do.	T. H. Lloyd	.do	50 00
I 8497	.do.	W. W. Wilson	.do	50 00
I 8498	.do.	Ralph Engle	.do	30 00
I 8499	.do.	W. L. Bennett	.do	75 00
I 8500	.do.	Robert W. Stark	.do	100 00
I 8501	.do.	J. C. Anderson	.do	70 00
I 8502	.do.	A. B. Arends	.do	31 50
I 8503	.do.	A. W. Harz	.do	39 00
I 8504	.do.	H. H. Hensold	.do	42 00
I 8505	.do.	H. S. Hinrichs	.do	36 00
I 8506	.do.	E. I. Pilchard	.do	35 00
I 8507	.do.	Howard G. Osborne	.do	65 00
I 8508	.do.	C. M. Linsley	.do	50 00
I 8509	.do.	Andrew Tornquist	.do	75 00
I 8510	.do.	Florence T. Stoutzenberg	.do	30 00
I 8511	.do.	Elizabeth Collom	.do	35 00
I 8512	.do.	Marie Freeman	.do	50 00
I 8513	.do.	Eleanor Peterson	.do	30 00
I 8514	.do.	H. B. Ingalls	.do	32 50
I 8515	.do.	H. R. Stanford	.do	83 33
I 8516	.do.	Pay roll	April, 1916	80 00
		Young, C. M.	Salary	\$80 00
I 8517	.do.	Mrs. Louise Redman	Salary, April	60 00
I 8518	.do.	Mrs. Lizzie Shue	.do	40 00
I 8519	.do.	Mrs. A. D. Horn	.do	40 00
I 8520	.do.	Lavina Dille	.do	60 00
I 8521	.do.	J. E. Morgan	.do	10 00
I 8522	.do.	Dan Whitley	.do	40 00
I 8523	.do.	H. Kirby	.do	45 00
I 8524	.do.	Lucy Lowe	.do	45 00
I 8525	.do.	J. S. Whitmire	.do	70 00
I 8526	.do.	A. J. Stoneburner	.do	50 00
I 8527	.do.	Charles Pollard	.do	50 00
I 8528	.do.	Ralph Chaplin	.do	60 00
I 8529	.do.	D. C. Sprinkle	.do	50 00
I 8530	.do.	H. O. Woodworth	.do	55 00
I 8531	.do.	Jesse Judy	.do	40 00
I 8532	.do.	Asa Egelston	.do	45 00
I 8533	.do.	W. L. Harry	.do	100 00
I 8534	.do.	Harry Pritchard	.do	70 00
I 8535	.do.	Ralph Pritchard	.do	65 00
I 8536	.do.	Emmett Brentlinger	.do	65 00
I 8537	.do.	Carl Adams	.do	50 00
I 8538	.do.	University of Chicago	Laboratory supplies	20 00
I 8539	.do.	Pittsburgh Plate Glass Co.	Glass	1 20
I 8540	.do.	Arthur Ochs	Laboratory supplies	90 00
I 8541	.do.	Butler Brothers	General supplies	6 38
I 8542	.do.	Fuller-Morrison Co.	.do	24 00
I 8543	.do.	Marshall Field & Co.	.do	75 00
I 8544	.do.	F. J. Burns & Co.	Laboratory supplies	7 20
I 8545	.do.	Library Bureau	General supplies	10 65
I 8546	.do.	G. B. Stechert & Co.	Books	30 00
I 8547	.do.	Physicians' Supply & Drug Co.	Laboratory supplies	7 25
I 8548	.do.	W. H. Guyatt	General supplies	3 57
I 8549	.do.	A. Daigger & Co.	.do	1 60
I 8550	.do.	Central Scientific Co.	Laboratory supplies	3 00
I 8551	.do.	Bishop, Babcock & Becker Co.	Carbonic acid	1 50
I 8552	.do.	The Liquid Carbonic Co.	Chemicals	4 50
I 8553	.do.	Thomas J. Dee & Co.	Laboratory supplies	61 75
I 8554	.do.	C. L. Frame Dental Supply Co.	Base plates	6 75
I 8555	.do.	The Gallagher Dental Supply Co.	Dental supplies	4 00
I 8556	.do.	A. C. Clark & Co.	Laboratory apparatus	11 56
I 8557	.do.	V. Mueller & Co.	Dental supplies	31 45
I 8558	.do.	Henry Sotheran & Co.	Books	4 97

## INSTRUCTION VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1916			
I 8559	Apr. 26	Bernard Quaritch	Books	\$ 2 20
I 8560	do.	A. J. Nystrom & Co.	General supplies	7 00
I 8561	do.	Champaign Seed Co.	Feed supplies	66 35
I 8562	do.	Peck & Hills Furniture Co.	Furniture	22 76
I 8563	do.	Chas. A. Hall Hardware Co.	General supplies	18 50
I 8564	do.	Percival & Moorehead	do	6 35
I 8565	do.	Taylor Hardware Co.	do	123 10
I 8566	do.	S. E. Dillavou	Feed supplies	45 00
I 8567	do.	Franklin Desk Factory	Office equipment	46 00
I 8568	do.	Standard Oil Co.	General supplies	16 11
I 8569	do.	T. H. Flood & Co.	Books	92 26
I 8570	do.	The Carswell Co.	Books	22 79
I 8571	do.	The Boston Book Co.	do	26 75
I 8572	do.	Little, Brown & Co.	do	3 00
I 8573	do.	Statute Law Book Co.	do	447 00
I 8574	do.	Lawyers Co-operative Publishing Co.	do	6 25
I 8575	do.	Elmer & Amend	Laboratory apparatus	17 25
I 8576	do.	A. M. Brunson	Traveling expenses	13 44
I 8577	do.	L. A. Hunter	do	7 44
I 8578	do.	Vaughan's Seed Store	General supplies	1 25
I 8579	do.	H. Fahrnkopf	Traveling expenses	21 64
I 8580	do.	Wm. Webb	Seed corn	6 00
I 8581	do.	F. D. Foster	General supplies	3 00
I 8582	do.	S. V. Holt	Traveling expenses	25 59
I 8583	do.	The Arthur H. Thomas Co.	Laboratory supplies	3 67
I 8584	do.	Woldenberg & Schaar	General supplies	29 40
I 8585	do.	O. M. Allyn	Traveling expenses	23 21
I 8586	do.	Henry Field Seed Co.	General supplies	1 75
I 8587	do.	Eisner Grocery Co.	Potatoes	9 40
I 8588	do.	Henry J. Green	Thermometer	4 95
I 8589	do.	W. J. Hampton	Traveling expenses	2 55
I 8590	do.	The Ismert-Hincke Milling Co.	Bran	352 00
I 8591	do.	Harris-Dillavou & Co.	Coal	10 10
I 8592	do.	Montgomery Ward & Co.	Cart	5 10
I 8593	do.	Yesterday Egg Farms Co.	General supplies	75 00
I 8594	do.	Inland Supply Co.	do	8 40
I 8595	do.	W. W. Wilson	Traveling expenses	27 01
I 8596	do.	Morris & Co.	General supplies	90 00
I 8597	do.	Chesley & Co.	Laboratory supplies	1 17
I 8598	do.	R. F. Dunn	Traveling expenses	15 00
I 8599	do.	Pilon & Rodgers	General supplies	19 50
I 8600	do.	W. P. Foote & Co.	Bran	41 12
I 8601	do.	John Reichard	Oats	233 82
I 8602	do.	Wing Seed Co.	General supplies	17 58
I 8603	do.	L. L. Olds Seed Co.	Clover seed	14 20
I 8604	do.	R. H. Wilcox	Traveling expenses	7 54
I 8605	do.	L. C. Smith & Bros. Typewriter Co.	Typewriter	76 55
I 8606	do.	Dallenbach Brothers	General supplies	2 28
I 8607	do.	Funk Bros. Seed Co.	Seed	5 00
I 8608	do.	Urbana Metal Machine Co.	Tools	8 25
I 8609	do.	Poehlmann Bros. Co.	Nursery stock	22 30
I 8610	do.	A. L. Randall Co.	General supplies	6 75
I 8611	do.	Twin City Ice & Cold Storage Co.	Ice	12 00
I 8612	do.	Bacon Brothers	General supplies	3 95
I 8613	do.	Frances Dorrance	Books	1 50
I 8614	do.	The Florists Exchange	Subscription	1 00
I 8615	do.	E. C. Amling Co.	Plants	57 50
I 8616	do.	Henry A. Dreer	do	55 98
I 8617	do.	Central Electric Co.	Electric supplies	9 00
I 8618	do.	Wallace Brothers	Tools	3 35
I 8619	do.	E. H. Sargent & Co.	Laboratory supplies	1 23
I 8620	do.	Hemingway & Co.	do	1 80
I 8621	do.	Wilhelm Miller	Traveling expenses	19 62
I 8622	do.	The Matthews Northrop Works	General supplies	1 58
I 8623	do.	N. W. Hepburn	Traveling expenses	12 49
I 8624	do.	Gloucester Mail Order Fish Co.	General supplies	10 92
I 8625	do.	High School Life	Advertising	5 00
I 8626	do.	Thos. J. Dee & Co.	Laboratory supplies	199 34
I 8627	do.	Butler Brothers	Clock	2 60
I 8628	do.	R. W. Dickenson	Traveling expenses	117 41
I 8629	do.	L. C. Smith & Bros.	Rent	7 50
I 8630	Apr. 28	Harry Schultz	Salary, April	35 00
I 8631	do.	Johann Becker	do	55 00
I 8632	do.	William Kerehan	do	50 00
I 8633	do.	Steven Krytsutsky	do	50 00
I 8634	do.	Peter Drennan	do	80 00
I 8635	do.	Joseph Klena	do	60 00



## INSTRUCTION VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1916			
I 8636	Apr. 28	Alfred W. Saville	Salary, April	\$ 40 00
I 8637	do.	Carl Gitzke	do	30 00
I 8638	do.	Anton Muller	do	13 34
I 8639	do.	C. F. Harding	do	100 00
I 8640	do.	I. A. Gudgel	do	45 00
I 8641	do.	Lawrence Nesbit	do	55 00
I 8642	do.	Earl Garver	do	65 00
I 8643	do.	C. F. Goodman	do	60 00
I 8644	do.	C. C. Jenson	do	60 00
I 8645	do.	L. W. Colton	do	60 00
I 8646	do.	J. D. Fuller	do	55 00
I 8647	do.	M. R. Carlson	do	60 00
I 8648	do.	H. C. Lawson	do	60 00
I 8649	do.	I. J. Reinhart	do	60 00
I 8650	do.	F. H. Kelly	do	60 00
I 8651	do.	Wm. Frank	do	55 00
I 8652	do.	H. P. Ottman	do	60 00
I 8653	do.	W. D. Woolston	do	60 00
I 8654	do.	L. M. Wakeley	do	8 10
I 8655	do.	C. S. Rhode	do	75 00
I 8656	do.	Elmer Jenkins	do	60 00
I 8657	do.	G. D. Gaddy	do	50 00
I 8658	do.	Paul Holding	do	55 00
I 8659	do.	John Palfrey	do	75 00
I 8660	do.	E. G. Johnson	do	70 00
I 8661	do.	W. T. Marsh	do	50 00
I 8662	do.	Harmon Louret	do	50 00
I 8663	do.	Lulu Meyers	do	50 00
I 8664	do.	George Bote	do	85 00
I 8665	do.	Karl Meenach	do	70 00
I 8666	do.	J. E. Murdock	do	65 00
I 8667	do.	H. B. Deets	do	70 00
I 8668	do.	V. Weis	do	55 00
I 8669	do.	A. L. Moats	Field work	61 10
I 8670	do.	Vaughan's Seed Store	Machinery and tools	1 00
I 8671	do.	A. F. Gustafson	Traveling expenses	40 29
I 8672	do.	C. M. Linsley	do	13 57
I 8673	do.	Charles A. Campbell	do	17 85
I 8674	do.	F. W. Garrett	do	33 77
I 8675	do.	E. K. Augustus	do	12 34
I 8676	do.	J. E. Poole	General supplies	9 54
I 8677	do.	James H. Greene	Traveling expenses	3 21
I 8678	do.	F. A. Fisher	do	3 72
I 8679	do.	Central Scientific Co.	Laboratory apparatus	31 18
I 8680	do.	C. C. Riler	General supplies	5 00
I 8681	do.	Tuttle & Clark	do	14 80
I 8682	do.	S. E. Dillavou	Laboratory apparatus	12 00
I 8683	do.	Wm. Webb	General supplies	2 50
I 8684	do.	Dakota Improved Seed Co.	do	3 75
I 8685	do.	E. V. Kirby	Machine repairs	24 45
I 8686	do.	H. C. Wheeler	Traveling expenses	26 72
I 8687	do.	F. W. Wascher	do	32 24
I 8688	do.	C. C. Logan	do	23 33
I 8689	do.	International Harvester Co. of America	Machine repairs	2 75
I 8690	do.	American Hereford Journal	Books	2 00
I 8691	do.	M. E. Thompson, Cashier	Labor bills	300 75
I 8692	do.	M. E. Thompson, Cashier	do	335 87
I 8693	do.	M. E. Thompson, Cashier	do	25 75
I 8694	do.	G. E. Stechert & Co.	Miscellaneous bills	727 98
I 8695	do.	A. C. McClurg & Co.	Books	201 10
I 8696	do.	John Davis	do	2 69
I 8697	do.	Pickering & Chatto	do	60 77
I 8698	do.	Otto Harrowsowitz	do	8 92
I 8699	do.	B. H. Blackwell	do	233 16
I 8700	do.	Honore Champion	do	42 95
I 8701	do.	Martinus Nijhoff	do	73 33
I 8702	do.	Pice & Lynch	Freight	20 00
I 8703	do.	The H. W. Wilson Co.	Books	48 50
I 8704	do.	McGraw-Hill Book Co.	do	5 85
I 8705	do.	John Wiley & Sons	do	14 28
I 8706	do.	Goodspeed's Book Shop	do	54 90
I 8707	do.	The Boston Book Co.	do	39 50
I 8708	do.	D. Van Nostrand Co.	do	2 50
I 8709	do.	James Thin	do	4 05
I 8710	do.	Cummin & Masson	do	7 96
I 8711	do.	Maggs Bros.	do	1 85
I 8712	do.	W. Heffer & Sons	do	1 35
I 8713	do.	S. D. State College	General supplies	9 25

## INSTRUCTION VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
1916				
I 8714	Apr. 28	Flanigan-Pearson Co.	Printing	\$ 40 00
I 8715	Apr. 29	The American Multigraph Sales Co.	Machine repairs	1 45
I 8716	do.	Times Square Auto Co.	do	27 12
I 8717	do.	W. B. Nevens	Traveling expenses	29 98
I 8718	do.	International Harvester Co. of America	Machine repairs	1 25
I 8719	do.	D. Van Nostrand Co.	Books	1 80
I 8720	do.	Burnham Antique Bookstore	do	20 75
I 8721	do.	The University of Illinois Supply Store	do	1 35
I 8722	do.	G. E. Stechert & Co.	do	42 25
I 8723	do.	A. C. McClurg & Co.	do	75 52
I 8724	do.	Ahrens & Schreiner	General supplies	64 35
I 8725	do.	Physicians' Supply & Drug Co.	do	8 50
I 8726	do.	Fuller-Morrisson Co.	Laboratory supplies	22 15
I 8727	do.	V. Mueller & Co.	General supplies	33 25
I 8728	do.	The Western Electric Co., Inc	do	1 76
I 8729	do.	Chicago Towel Co.	Sundries	61 31
I 8730	do.	Butler Bros.	Feeding stuffs	4 95
I 8731	do.	J. M. Hecht Brass Works	General supplies	8 40
I 8732	do.	John Becker	Laboratory apparatus	9 50
I 8733	do.	Heath & Milligan Mfg. Co.	General supplies	6 60
I 8734	do.	A. B. Dick & Co.	do	34 20
I 8735	do.	H. S. Capron, Treasurer	Material furnished from University storeroom	770 05
I 8736	do.	C. E. Durst	Traveling expenses	11 09
I 8737	do.	Callaghan & Co.	Books	121 50
I 8738	do.	A. J. Gunderson	Traveling expenses	15 22
I 8739	do.	R. H. Wilcox	do	10 64
I 8740	do.	L. R. Lang	do	14 41
I 8741	do.	H. A. Ruehe	do	11 54
I 8742	May 2	C. E. Null	Salary, April	36 50
I 8743	do.	Geo. F. Smalley	do	26 00
I 8744	May 4	P. Seay	do	23 00
I 8745	do.	H. P. Kelley	do	28 25
I 8746	do.	H. J. Fitch	do	13 75
I 8747	do.	D. H. Houghton	do	24 00
I 8748	do.	R. I. Shawl	do	21 75
I 8749	do.	G. H. Dungan	do	18 88
I 8750	do.	J. D. Tiffin	do	22 00
I 8751	do.	D. J. Campbell	do	9 00
I 8752	do.	R. F. Harvey	do	24 60
I 8753	do.	T. E. Hanley	do	3 65
I 8754	do.	H. R. Hill	do	3 05
I 8755	do.	W. T. Martin	do	19 50
I 8756	do.	J. L. Munson	do	24 35
I 8757	do.	E. L. Reese	do	32 45
I 8758	do.	E. I. Pilchard	do	15 00
I 8759	do.	M. R. Davis	do	33 30
I 8760	do.	Ruth I. Mussenden	do	29 62
I 8761	do.	Arthur Semple	do	24 41
I 8762	do.	D. E. Warren	do	9 80
I 8763	do.	H. A. Chapman	do	18 35
I 8764	do.	Paul Hammush	do	5 10
I 8765	do.	Floyd Keepers	do	8 05
I 8766	do.	Lloyd Keepers	do	10 85
I 8767	do.	W. R. Jones	do	29 00
I 8768	do.	R. D. Millen	do	5 55
I 8769	do.	W. G. Wagner	do	4 60
I 8770	do.	K. E. Geisendorfer	do	20 45
I 8771	do.	F. Louret	do	32 20
I 8772	do.	E. E. Lawson	do	32 70
I 8773	do.	Homer Harper	do	19 45
I 8774	do.	Frank Leggett	do	21 80
I 8775	May 11	R. S. Hulce	Traveling expenses	21 65
I 8776	do.	W. S. Brook	do	43 90
I 8777	do.	The Champaign News	Publications	1 03
I 8778	do.	Bacon Bros.	General supplies	2 70
I 8779	do.	S. E. Dillavou	do	11 45
I 8780	do.	H. P. Rusk	Traveling expenses	11 89
I 8781	do.	The Casseli Chemical Co.	General supplies	5 90
I 8782	do.	F. K. Robeson	do	13 20
I 8783	do.	Swift & Co.	Laboratory supplies	1 75
I 8784	do.	Keystone Type Foundry	General supplies	1 72
I 8785	do.	Chicago Telephone Co.	Telephone and telegraph	56 63
I 8786	do.	National Biscuit Co.	Food	4 66
I 8787	do.	H. A. Ruehe	Traveling expenses	13 36
I 8788	do.	R. W. Dickenson	do	46 35
I 8789	do.	H. J. Snider	do	18 44
I 8790	do.	James H. Greene	do	10 79

## INSTRUCTION VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1916			
I 8791	May 11	H. C. Gilkerson	Traveling expenses	\$ 28 03
I 8792	..do..	Theodore Wirth	Lecture	50 00
I 8793	..do..	John H. Doyle	General supplies	1 00
I 8794	..do..	Central Scientific Co.	..do..	2 57
I 8795	..do..	C. F. Goodman	Traveling expenses	12 96
I 8796	..do..	J. D. Fuller	..do..	6 29
I 8797	..do..	C. A. Hall Hardware Co.	General supplies	1 75
I 8798	..do..	The University of Illinois Supply Store.	..do..	1 26
I 8799	..do..	Bradner, Smith & Co.	..do..	4 35
I 8800	..do..	Bausch & Lomb Optical Co.	..do..	5 07
I 8801	..do..	The R. D. Swisher Mfg. Co.	Office supplies	1 45
I 8802	..do..	Taylor Hardware Co.	General supplies	12 39
I 8803	..do..	The Creamery Package Mfg. Co.	..do..	6 97
I 8804	..do..	Eisner Grocery Co.	..do..	36 88
I 8805	..do..	Elmer & Amend	Apparatus repairs	47 45
I 8806	..do..	B. Logan & Son	Library	333 00
I 8807	..do..	Blanke Mfg. & Supply Co.	General supplies	6 95
I 8808	..do..	V. Mueller & Co.	Laboratory supplies	32 05
I 8809	..do..	Mrs. F. E. McClughen	Sundries	26 30
I 8810	..do..	Burley & Tyrell Co.	General supplies	25 60
I 8811	..do..	B. E. Spaulding	Laboratory supplies	3 00
I 8812	..do..	Smith & Co.	General supplies	40 00
I 8813	..do..	L. C. Smith & Bros. Typewriter Co.	Office equipment	76 55
I 8814	..do..	Illinois State Penitentiary	General supplies	7 35
I 8815	..do..	The Champaign News	Sundries	4 50
I 8816	..do..	Calumet Laundry Co.	..do..	67 20
I 8817	..do..	Commercial Telephone & Telegraph Co.	Telephone and telegraph	7 65
I 8818	..do..	The Frat	Feeding stuffs	85 95
I 8819	..do..	Merrell-Soule Co.	Laboratory supplies	1 42
I 8820	..do..	Maas Brothers	General supplies	3 21
I 8821	..do..	Whitall Tatam Co.	Laboratory supplies	6 30
I 8822	..do..	Butler Brothers	General supplies	1 90
I 8823	..do..	Elmer & Amend	Laboratory supplies	6 41
I 8824	..do..	Fuller-Morrison Co.	..do..	10 82
I 8825	..do..	Western Lumber Co.	General supplies	1 00
I 8826	..do..	G. E. Stechert & Co.	Publications	1 35
I 8827	..do..	Mrs. Anna Langhoff	Laundry	8 56
I 8828	..do..	The Fleischman Co.	Feeding stuffs	1 25
I 8829	..do..	F. S. Burch & Co.	General supplies	17 00
I 8830	..do..	E. A. Eichhorst	Machine repairs	20 30
I 8831	..do..	Remington Typewriter Co.	Office equipment	36 95
I 8832	..do..	National Dental Association	Advertisement	15 00
I 8833	..do..	Western Educational Advertising	Agency advertising	8 00
I 8834	..do..	Conrad Slide and Projection Co.	Laboratory apparatus	8 00
I 8835	..do..	Emil Greiner Co.	Laboratory supplies	9 32
I 8836	..do..	F. J. Burns & Co.	..do..	7 20
I 8837	..do..	Parron Bros. Coal Co.	Feeding stuffs	3 84
I 8838	..do..	John Becker	Laboratory supplies	9 50
I 8839	..do..	International Harvester Co.	Machinery repairs	10 40
I 8840	..do..	Mr. W. H. Browne, Secretary	Traveling expenses	23 20
I 8841	..do..	W. C. Coffey	..do..	16 34
I 8842	..do..	Chas. A. Campbell	..do..	18 38
I 8843	..do..	J. E. Whitechurch	..do..	39 91
I 8844	..do..	W. S. Brock	..do..	3 62
I 8845	..do..	H. Fahrnkopf	..do..	14 29
I 8846	..do..	O. M. Allyn	..do..	17 54
I 8847	..do..	A. J. Gunderson	..do..	8 78
I 8848	..do..	B. S. Pickett	..do..	36 08
I 8849	..do..	H. G. Gilkerson	..do..	16 70
I 8850	..do..	Wm. Aten, Sr.	General labor	38 06
I 8851	..do..	A. L. Moats	..do..	32 82
I 8852	May 12	Wm. Powell	..do..	45 90
I 8853	..do..	R. H. Wilcox	Traveling expenses	10 80
I 8854	..do..	J. B. Marshall	General labor	119 23
I 8855	..do..	Otto G. Shaffer	Lecture	25 00
I 8856	..do..	A. L. Randall Co.	Laboratory supplies	6 75
I 8857	..do..	Automatic File & Index Co.	Furniture and fixtures	23 06
I 8858	..do..	Central Scientific Co.	Laboratory supplies	154 85
I 8859	..do..	Burroughs Adding Machine Co.	Office equipment	2 75
I 8860	..do..	Shapleigh Hardware Co.	General supplies	3 00
I 8861	..do..	The Arthur H. Thomas Co.	Laboratory supplies	4 20
I 8862	..do..	Pilon & Rodgers	Expert services	29 00
I 8863	..do..	Illinois Stallion Registration Board	Sundries	4 00
I 8864	..do..	The Wing Seed Co.	General supplies	45 97
I 8865	..do..	Ennis Hay Co.	Feeding stuffs	155 20
I 8866	..do..	Rocky Ford Cantaloupe Seed Breeders' Association	General supplies	1 50
I 8867	..do..	Twin City Ice & Cold Storage Co.	..do..	8 00

## INSTRUCTION VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1916			
I 8868	May 12	Max Abel	General supplies	\$ 15 20
I 8869	..do.	Farrar & Quinlan	Food	92 38
I 8870	..do.	J. F. Webster & Co.	..do.	40 11
I 8871	..do.	Stephen Rogers	General labor	103 83
I 8872	..do.	F. K. Robeson	General supplies	12 20
I 8873	..do.	The Chester Transfer Co.	Express	4 50
I 8874	..do.	John Reichard	Feeding stuffs	708 49
I 8875	..do.	B. F. Stevison & Son	Food	29 59
I 8876	..do.	V. Mueller & Co.	General supplies	27 65
I 8877	..do.	Ahrens & Schreiner	Laboratory supplies	4 71
I 8878	..do.	Taylor Hardware Co.	General supplies	1 00
I 8879	..do.	F. M. Leslie	Incidentals	51 75
I 8880	..do.	Eisner Grocery Co.	Feeding stuffs	113 47
I 8881	..do.	C. Hex Harmon & Son	Apparatus repairs	25 40
I 8882	..do.	Jacobs & Holmes	Printing	408 00
I 8883	..do.	H. S. Capron	General supplies	196 32
J 8884	..do.	Champaign Steam Laundry	Sundries	62 55
I 8885	..do.	W. F. Murphy	Laboratory supplies	2 03
I 8886	..do.	The University of Illinois Supply Store	Laboratory apparatus	2 25
I 8887	..do.	E. R. Green	Labor, freight	17 19
I 8888	..do.	T. E. Goodrich	General supplies	6 00
I 8889	..do.	C. C. Ferguson	Sundries	2 00
I 8890	..do.	H. A. Dubois & Sons	General supplies	65 00
I 8891	..do.	L. K. Howse	..do.	8 00
I 8892	..do.	A. S. Nelson & Sons	..do.	1 20
I 8893	..do.	Bacon Bros	..do.	1 00
I 8894	..do.	The American Florist Co.	Library	1 00
I 8895	..do.	Beers & Beers	Sundries	10 00
I 8896	..do.	American Medical Association	General supplies	4 89
I 8897	..do.	A. C. McClurg & Co.	Blue printing and photo supplies	13 92
I 8898	..do.	Western Lumber Co.	General supplies	9 38
I 8899	..do.	Butler Brothers	..do.	6 00
I 8900	..do.	The David J. Molloy Co.	..do.	3 75
I 8901	..do.	Dan G. Swannell	Incidentals	7 50
I 8902	..do.	Standard Cap & Seal Co.	Rentals	4 50
I 8903	..do.	Holstein-Friesian Assn. of America	Sundries	1 00
I 8904	..do.	Hamblin Plumbing Co.	Building repairs	22 50
I 8905	..do.	The H. & M. Div-Taylor Instrument Companies	Laboratory apparatus	42 07
I 8906	..do.	Shapleigh Hardware Co.	Farm machinery	1 39
I 8907	..do.	American Electrical Supply Co.	Laboratory apparatus	6 00
J 8908	..do.	National Carton Co.	General supplies	16 16
I 8909	..do.	The Golfers Magazine	Library	2 20
I 8910	..do.	The American Guernsey Cattle Club	Sundries	2 00
I 8911	..do.	Home Telephone Co.	Telephone and telegraph	9 00
I 8912	..do.	The Holstein-Friesian Register Co.	Office supplies	4 20
I 8913	..do.	The Albert Dickinson Co.	Feed	8 41
I 8914	..do.	A. H. Barber Creamery Supply Co.	Machinery repairs	1 07
I 8915	..do.	Timble Brothers	Live stock	80 00
I 8916	..do.	J. Reichard	Feeding stuffs	4 70
I 8917	..do.	Chicago Surgical & Electrical Co.	Laboratory apparatus	15 00
I 8918	..do.	W. Lewis & Co.	Laboratory supplies	3 00
I 8919	..do.	Freeman & Son	..do.	3 00
I 8920	..do.	W. P. Foote & Co.	Feeding stuffs	5 88
I 8921	..do.	G. C. Willis	General supplies	4 27
I 8922	..do.	Sprayer Supply Mfg. Co.	..do.	7 20
I 8923	..do.	Niagara Sprayer Co.	..do.	16 25
I 8924	..do.	E. W. Sampson	..do.	2 15
I 8925	..do.	H. F. Bremer	..do.	23 00
I 8926	..do.	Thos. J. Dee & Co.	Laboratory supplies	3 65
I 8927	..do.	The Tablet & Ticket Co.	General supplies	2 17
I 8928	..do.	E. H. Sargent & Co.	Laboratory supplies	2 64
I 8929	..do.	Ernst Leitz	..do.	9 22
I 8930	May 13	The Arthur H. Thomas Co.	..do.	26 07
I 8931	..do.	Champaign Steam Laundry	Sundries	16 90
J 8932	..do.	N. W. Hepburn	Traveling expenses	8 31
I 8933	..do.	Elmer D. Smith & Co.	General supplies	16 25
I 8934	..do.	Henry A. Draer, Inc.	..do.	1 33
I 8935	..do.	The Vreeland Chemical Co.	..do.	2 93
I 8936	..do.	The Rex Co.	..do.	2 25
J 8937	..do.	Thomsen Chemical Co.	..do.	7 98
I 8938	..do.	Dallenbach Bros	..do.	8 69
I 8939	..do.	Albert E. Wuesteman	Office equipment	2 50
I 8940	..do.	A. I. Root Co.	Publications	2 40
J 8941	..do.	James H. Greene	Traveling expenses	18 07
J 8942	..do.	Lloyd R. Caldwell	..do.	29 96
J 8943	..do.	T. W. Jerrems	..do.	7 04
I 8944	..do.	C. C. Logan	..do.	37 99

## INSTRUCTION VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1916			
I 8945	May 13	F. W. Wascher	Traveling expenses	\$ 34 74
I 8946	..do..	S. V. Holt	..do..	24 51
I 8947	..do..	H. C. Wheeler	..do..	24 78
I 8948	..do..	R. W. Dickenson	..do..	38 22
I 8949	..do..	A. F. Gustafson	..do..	17 02
I 8950	..do..	John Jennings	General labor	29 30
I 8951	..do..	Maud Parsons	Traveling expenses	13 74
I 8952	..do..	W. M. Frank	..do..	4 16
I 8953	..do..	Louden & Flaningam	Printing	21 90
I 8954	May 15	H. Fahrnkopf	Traveling expenses	38 44
I 8955	..do..	W. W. Yapp	..do..	8 48
I 8956	..do..	Earl Garver	..do..	3 70
I 8957	..do..	Harley P. Ottman	..do..	9 39
I 8958	..do..	I. J. Reinhart	..do..	16 84
I 8959	..do..	F. H. Kelly	..do..	4 75
I 8960	..do..	Chris C. Jensen	..do..	12 73
I 8961	..do..	P. D. Long	General labor	47 04
I 8962	..do..	Wm. Pliege	..do..	28 55
I 8963	..do..	J. E. Whitchurch	General supplies	46 21
I 8964	..do..	Ralph C. Geisel	Feeding stuffs	727 09
I 8965	..do..	Chas. A. Campbell	Traveling expenses	17 71
I 8966	..do..	C. M. Linsley	..do..	12 88
I 8967	..do..	F. A. Wyatt	..do..	11 61
I 8968	..do..	Albert Tate	General labor	37 82
I 8969	..do..	Geo. W. Matheny	..do..	53 04
I 8970	..do..	Amos Marx	..do..	53 57
I 8971	..do..	Henry Pfau	..do..	59 00
I 8972	..do..	Alfred Bergren	..do..	67 40
I 8973	..do..	James H. Greene	Traveling expenses	4 02
I 8974	..do..	W. B. Mills	Lecture and recitals	50 00
I 8975	..do..	F. I. Mann	..do..	60 00
I 8976	..do..	O. C. Logan	Traveling expenses	28 58
I 8977	..do..	F. W. Wascher	..do..	37 25
I 8978	..do..	S. V. Holt	..do..	25 67
I 8979	..do..	H. C. Wheeler	..do..	29 78
I 8980	..do..	R. W. Dickenson	..do..	57 62
I 8981	..do..	Maud Parsons	..do..	73 94
I 8982	..do..	Naomi Newburn	Lecture and recitals	5 00
I 8983	..do..	Mary DeGarmo	Traveling expenses	47 00
I 8984	..do..	F. K. Robeson	General supplies	6 00
I 8985	..do..	Champaign Steam Laundry	Sundries	1 35
I 8986	..do..	American Law Book Co.	Books	16 00
I 8987	..do..	A. C. McClure	..do..	6 26
I 8988	..do..	T. H. Flood & Co.	..do..	5 03
I 8989	..do..	Arthur T. Semple	Traveling expenses	6 97
I 8990	..do..	Elmer & Amend	Laboratory apparatus	137 25
I 8991	..do..	Funk Bros. Seed Co.	General supplies	46 67
I 8992	..do..	Charles Mollet	..do..	2 90
I 8993	..do..	Sears, Roebuck & Co.	..do..	15 00
I 8994	..do..	C. C. Ferguson	Sundries	19 00
I 8995	..do..	D. C. Dow	..do..	2 00
I 8996	..do..	A. W. Gray's Sons	Machinery and tools	1,638 00
I 8997	..do..	Piles & Rodgers	Sundries	74 25
I 8998	..do..	Henry Groin	Feeding stuffs	32 95
I 8999	..do..	Chicago Towel Co.	Sundries	81 38
I 9000	..do..	Peck & Hills Furniture Co.	Furniture and fixtures	2 40
I 9001	..do..	M. E. Thompson, Cashier	Labor	323 67
I 9002	..do..	M. E. Thompson, Cashier	Express	5 54
I 9003	..do..	M. E. Thompson, Cashier	Labor	415 62
I 9004	..do..	Scully Steel & Iron Co.	General supplies	2 84
I 9005	..do..	Marshall Field & Co.	..do..	1 00
I 9006	..do..	Chicago Medical Book Co.	Library	6 75
I 9007	..do..	Butler Brothers	General supplies	3 80
I 9008	..do..	Williams & Wilkins Co.	..do..	5 50
I 9009	..do..	American Electrical Supply Co.	..do..	1 35
I 9010	..do..	J. T. Baker Chemical Co.	Laboratory supplies	4 11
I 9011	..do..	The David J. Molloy Co.	General supplies	3 75
I 9012	..do..	Elmer & Amend	Apparatus repairs	24 03
I 9013	..do..	Western Stoneware Co.	General supplies	9 78
I 9014	..do..	Mallory, Mitchell & Lanst	Advertising	16 50
I 9015	..do..	Redsecoff Bakery	Food	10 66
I 9016	..do..	Emerson-Brantingham Co.	Freight	7 57
I 9017	..do..	Pilon & Rodgers	Sundries	43 39
I 9018	..do..	Bradner, Smith & Co.	General supplies	3 59
I 9019	..do..	H. Fahrnkopf	Traveling expenses	16 23
I 9020	..do..	John Berlin	General labor	35 22
I 9021	..do..	C. E. Burkhardt	..do..	26 57
I 9022	..do..	Claude Vaughn	..do..	48 83

## INSTRUCTION VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1916			
I 9023	May 15	Ross-Sim Drug Co.	General supplies	\$ 1 00
I 9024	..do..	W. P. Foote & Co.	Feeding stuffs	14 75
I 9025	..do..	White Line Laundry	Sundries	1 48
I 9026	..do..	Twin City Creamery Co.	Food	36 55
I 9027	..do..	Twin City Ice & Cold Storage	Sundries	4 00
I 9028	..do..	Peck & Hills Furniture Co.	Furniture and fixtures	4 90
I 9029	..do..	Dekalb County Soil Improvement Assn.	General supplies	10 00
I 9030	..do..	Emerson-Brantingham Implement Co.	Machinery and tools	140 33
I 9031	..do..	John Deere Plow Co.	Machine repairs	1 00
I 9032	..do..	F. H. Simpson Fruit Co.	General supplies	13 92
I 9033	..do..	J. Bowman Hardware Store	..do..	9 30
I 9034	..do..	C. M. Linsley	Traveling expenses	14 08
I 9035	..do..	Standard Oil Co.	General supplies	27 75
I 9036	..do..	F. J. Burns & Co.	Laboratory supplies	9 60
I 9037	..do..	Robert Stewart	Traveling expenses	22 78
I 9038	..do..	Thomas J. Dee & Co.	Laboratory supplies	206 16
I 9039	May 16	Metzler & Schafer Co.	General supplies	78 43
I 9040	..do..	F. K. Robeson	..do..	8 00
I 9041	..do..	Ahrens & Schreiner	Laboratory supplies	1 38
I 9042	..do..	A. Daigger & Co.	..do..	21 95
I 9043	..do..	A. C. McClurg & Co.	General supplies	37 55
I 9044	..do..	C. L. Frame Dental Supply Co.	Laboratory supplies	35 88
I 9045	..do..	Canadian Bird Store	..do..	15 00
I 9046	..do..	Maas Brothers	General supplies	21 00
I 9047	..do..	Bradner Smith & Co.	..do..	20 24
I 9048	..do..	Huntley Dairy Co.	Laboratory supplies	2 91
I 9049	..do..	Physicians' Supply & Drug Co.	..do..	24 12
I 9050	..do..	V. Mueller & Co.	General supplies	28 65
I 9051	..do..	Chester Horseshoeing Shop	Sundries	5 50
I 9052	..do..	Urbana, Champaign Ry., Gas & Electric Co.	..do..	7 35
I 9053	..do..	Royal A. Stipes	General supplies	7 50
I 9054	..do..	Walker & Mulliken	Furniture and fixtures	8 38
I 9055	..do..	Marmon-Buick Sales Co.	Machine repairs	9 50
I 9056	..do..	Oldham Brothers	General supplies	4 20
I 9057	..do..	G. B. Stechert & Co.	Books	110 00
I 9058	..do..	The University Hospital	..do..	98 00
I 9059	..do..	E. Murray & Sons	General supplies	13 35
I 9060	..do..	Jolly-Wieland & Richardson Co.	..do..	24 00
I 9061	..do..	Kentucky Tobacco Product Co.	..do..	4 12
I 9062	..do..	E. H. Sargent & Co.	Laboratory supplies	30 70
I 9063	..do..	The Liquid Carbonic Co.	..do..	4 50
I 9064	..do..	The Globe-Wernicke Co.	General supplies	9 12
I 9065	..do..	Central Scientific Co.	..do..	7 00
I 9066	..do..	Kewaunee Mfg. Co.	Furniture and fixtures	4 30
I 9067	..do..	American Medical Association	Incidentals	1 50
I 9068	..do..	Marshall Field & Co.	General supplies	1 20
I 9069	..do..	John Bohr, D. D. S.	Laboratory supplies	10 00
I 9070	..do..	Robt. Gaffner Co.	Furniture and fixtures	52 70
I 9071	..do..	John Jennings	General labor	29 30
I 9072	..do..	American Felt Co.	General supplies	3 70
I 9073	..do..	Pantagraph Printing & Stationery Co.	Publications	52 89
I 9074	..do..	Louden & Flanigan	Printing	16 50
I 9075	..do..	Illinois Printing Co.	Publications	197 22
I 9076	May 17	R. & J. Farquhar & Co.	General supplies	6 90
I 9077	..do..	Harry Herrick, Auto Supplies	..do..	4 95
I 9078	..do..	Enos Ellerman	..do..	43 72
I 9079	..do..	A. L. Redman & Son	..do..	6 00
I 9080	..do..	The Sifton Mfg. Co.	..do..	9 83
I 9081	..do..	A. J. Gunderson	Traveling expenses	23 80
I 9082	..do..	C. C. Ferguson	Sundries	4 00
I 9083	..do..	C. C. Ferguson	..do..	6 00
I 9084	..do..	Cunningham Brothers	Blue printing	4 70
I 9085	..do..	Royal A. Stipes	General supplies	6 40
I 9086	..do..	G. A. Cate	Expert service	12 00
I 9087	May 18	Electrical Record Gage Publishing Co.	Books	2 00
I 9088	..do..	Charlie Ash	Live stock	286 88
I 9089	..do..	Charlotte G. Baker	Museum specimen	19 94
I 9090	..do..	James H. Greene	Traveling expenses	20 16
I 9091	..do..	L. W. Colton	..do..	10 22
I 9092	..do..	Darling & Co.	General supplies	24 68
I 9093	..do..	Peck & Hills Furniture Co.	Furniture and fixtures	4 00
I 9094	..do..	C. A. Kiler	..do..	58 00
I 9095	..do..	Stock Yards Harness & Saddlery Co.	Machinery and tools	68 00
I 9096	..do..	Chicago Fire Proof Storage Co.	Rentals	3 00
I 9097	..do..	Alexander Lumber Co.	General supplies	191 50
I 9098	..do..	Taylor Hardware Co.	..do..	59 20
I 9099	..do..	Conner & Quayle	Machine repairs	1 00

## INSTRUCTION VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1916			
I 9100	May 18	American Felt Co.	General supplies	\$ 3 56
I 9101	..do.	Library Bureau	..do.	2 25
I 9102	..do.	The Wistar Institute of Anatomy & Biology	Books	4 00
I 9103	..do.	Carnegie Institution of Washington	..do.	52 50
I 9104	..do.	Spencer Lens Co.	Laboratory apparatus	13 73
I 9105	..do.	Bishop-Babcock-Becker Co.	Laboratory supplies	1 50
I 9106	..do.	Mrs. N. B. Moore	Museum specimens	15 00
I 9107	..do.	W. H. Salisbury & Co.	General supplies	4 47
I 9108	..do.	Thomas J. Dee & Co.	Laboratory supplies	79 20
I 9109	..do.	Geo. W. Brady & Co.	Blue printing	12 00
I 9110	..do.	Mrs. L. C. Branum	Sundries	5 65
I 9111	..do.	Calumet Laundry Co.	..do.	4 87
I 9112	..do.	Kasen's Express & Van Co.	Express	11 78
I 9113	..do.	The Norwich Pharmacal Co.	Sundries	17 50
I 9114	..do.	Fuller-Morrisson Co.	Laboratory supplies	4 95
I 9115	..do.	Eimer & Amend	..do.	23 97
I 9116	..do.	C. L. Frame Dental Supply Co.	..do.	28 95
I 9117	..do.	A. Daigger & Co.	..do.	47 50
I 9118	..do.	Marshall Field & Co.	General supplies	5 45
I 9119	..do.	Barron Bros. Coal Co.	..do.	4 01
I 9120	May 19	Illinois Printing Co.	Printing	421 19
I 9121	..do.	Spencer Lens Co.	Laboratory apparatus	777 85
I 9122	..do.	Republic Box Co.	General supplies	10 00
I 9123	..do.	Carl S. Metzger	Expert services	75 00
I 9124	..do.	Farke, Davis & Co.	General supplies	67 62
I 9125	..do.	Fuller-Morrisson Co.	..do.	5 50
I 9126	..do.	Marshall Field & Co.	..do.	27 30
I 9127	..do.	Sweet Wallach & Co.	Laboratory supplies	3 00
I 9128	..do.	Pittsburgh Plate Glass Co.	General supplies	2 35
I 9129	..do.	Neostyle Co.	..do.	6 60
I 9130	..do.	Heath & Milligan Mfg. Co.	..do.	26 39
I 9131	..do.	A. C. McClurg & Co.	..do.	47 93
I 9132	..do.	Western Lumber Co.	..do.	1 75
I 9133	..do.	Illinois Malleable Iron Co.	..do.	4 32
I 9134	..do.	Atlas School Supply Co.	..do.	3 32
I 9135	..do.	Scully Steel & Iron Co.	..do.	47 60
I 9136	..do.	Underwood & Underwood	..do.	13 06
I 9137	..do.	Tuttle & Clark	..do.	84 00
I 9138	..do.	Shavings & Sawdust Co.	Feeding stuffs	532 00
I 9139	..do.	Star & Crescent Milling Co.	Machinery and tools	22 50
I 9140	..do.	Prairie State Incubator Co.	Traveling expenses	9 89
I 9141	..do.	H. D. Brown	Lectures and recitals	20 00
I 9142	..do.	Ellis McFarland	Traveling expenses	26 89
I 9143	..do.	C. G. Hopkins	..do.	32 20
I 9144	..do.	H. C. Wheeler	..do.	53 41
I 9145	..do.	S. V. Holt	..do.	32 14
I 9146	..do.	R. W. Dickenson	..do.	37 42
I 9147	..do.	F. W. Wascher	..do.	26 69
I 9148	..do.	C. C. Logan	..do.	9 06
I 9149	..do.	Wm. O. Roessler	..do.	16 35
I 9150	..do.	F. A. Wyatt	..do.	17 52
I 9151	..do.	O. M. Allen	..do.	12 99
I 9152	..do.	A. N. Abbott	..do.	14 28
I 9153	..do.	C. M. Linsley	..do.	8 39
I 9154	..do.	H. P. Rusk	..do.	7 65
I 9155	..do.	Ellis McFarland	Student labor	30 00
I 9156	..do.	W. H. Smith	Traveling expenses	23 08
I 9157	..do.	Florence Stoutzenberg	General supplies	28 00
I 9158	..do.	W. S. Brook	Machinery and tools	39 00
I 9159	..do.	E. H. Sargent & Co.	Salaries	6 50
I 9160	..do.	M. E. Thompson, Cashier	Salaries	29 20
I 9161	..do.	M. E. Thompson, Cashier	Student asst.	188 38
I 9162	..do.	M. E. Thompson, Cashier	Miscellaneous bills	149 43
I 9163	..do.	M. E. Thompson, Cashier	..do.	76 34
I 9164	..do.	M. E. Thompson, Cashier	Material furnished from University storeroom	296 11
I 9165	..do.	M. E. Thompson, Cashier	May, 1916	4,409 15
I 9166	..do.	H. S. Capron, Treasurer	..do.	
I 9167	..do.	Pay roll	..do.	
		Alley, W. E.	Salary	\$100 00
		Barnes, Mary G.	..do.	65 00
		Beadles, Jessie R.	..do.	65 00
		Boswell, H. C.	..do.	50 00
		Brownfield, Lelah H.	..do.	50 00
		Buchanan, Harold C.	..do.	70 00
		Buckles, Mildred	..do.	65 00
		Byland, T. C.	..do.	50 00

## INSTRUCTION VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
I 9167	1916 May 19	Clemence, Hazel	Salary	\$ 70 00
Cld.		Cover, Hazel W.	do.	65 00
		Craigmile, Jeannette	do.	50 00
		Crawford, C. C.	do.	70 00
		Cuerden, Fay	do.	50 00
		Custer, Emma L.	do.	75 00
		Dalton, C. E.	do.	50 00
		Davis, Vera M.	do.	55 00
		Fieg, Robert J.	do.	50 00
		Garwood, Helen	do.	50 00
		Garwood, Frances	do.	60 00
		Geyer, Helen	do.	50 00
		Glenn, Eleanor	do.	55 00
		Goodspeed, W. S.	do.	90 00
		Gordon, Marie A.	do.	60 00
		Griffith, Mabel	do.	75 00
		Halliday, Mabel	do.	60 00
		Hamilton, Alice	do.	100 00
		Hathaway, Kenneth	do.	50 00
		Hayes, Margaret	do.	50 00
		Hayes, James Bert	do.	100 00
		Hayward, Nellie	do.	60 00
		Heater, Myrtle	do.	65 00
		Hull, A. H.	do.	70 00
		Jay, Edith L.	do.	55 00
		Lahr, Lawrence D.	do.	60 00
		Leitz, Louise	do.	45 00
		Lomius, J. O.	do.	90 00
		Luther, Ida Louise	do.	50 00
		McGurty, Agnes	do.	91 66
		McIntire, W. A.	do.	50 00
		McMillen, Mary B.	do.	60 00
		Manley, Verna	do.	50 00
		Manspeaker, Lotta M.	do.	100 00
		Merchant, Donna B.	do.	60 00
		Meseck, Rudolph	do.	65 00
		Miller, C. F.	do.	100 00
		Mock, Forrest	do.	55 00
		Nagle, Sybil	do.	55 00
		Dickerson, A. J.	do.	54 16
		Nyberg, Florence	do.	55 00
		Pieper, Mrs. H. L.	do.	50 00
		Peel, Thomas	do.	65 00
		Pergande, Robert	do.	95 00
		Probst, Alice	do.	50 00
		Ressler, Milton	do.	80 00
		Rhoads, Hazel	do.	65 00
		Riggs, Boss	do.	45 00
		Rogers, Della M.	do.	50 00
		Rohweder, Emma	do.	45 00
		Ross, Anne	do.	55 00
		Scanlan, Mary	do.	70 00
		Slater, Sarah M.	do.	65 00
		Smith, Mayme L.	do.	70 00
		States, Bertha	do.	55 00
		Taft, Martha	do.	70 00
		Vanderbeek, H. J.	do.	75 00
		Vaubel, Daniel	do.	70 00
		Williamson, Paul	do.	83 33
		Wyninger, H. T.	do.	60 00
		Zipprodt, Ella R.	do.	50 00
I 9168	do.	Pay roll	May, 1916.	\$2,074 97
		Miller, Eva G.	Salary	\$ 66 66
		Decker, E. H.	do.	291 66
		Green, Frederick	do.	312 50
		Harker, O. A.	do.	333 33
		Hale, W. G.	do.	291 66
		Pomeroy, J. N.	do.	258 33
		Vernier, C. G.	do.	312 50
		Carpenter, C. E.	do.	208 33
I 9169	May 23	M. E. Thompson, Cashier	Miscellaneous bills	55 00
I 9170	do.	M. E. Thompson, Cashier	do.	28 78
I 9171	do.	M. E. Thompson, Cashier	do.	41 55
I 9172	do.	M. E. Thompson, Cashier	do.	13 96
I 9173	do.	M. E. Thompson, Cashier	do.	25 45
I 9174	do.	M. E. Thompson, Cashier	do.	44 13
I 9175	do.	Alexander Lumber Co.	General supplies	4 60
I 9176	do.	E. H. Sargent & Co.	do.	3 54



## INSTRUCTION VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1916			
I 9177	May 23	R. C. Wagner & Sons	General labor	\$ 8 50
I 9178	..do..	Eisner Grocery Co.	General supplies	13 05
I 9179	..do..	Robert Baird	General labor	43 17
I 9180	..do..	Chas. A. Campbell	Traveling expenses	14 69
I 9181	..do..	F. W. Garrett	..do.	20 68
I 9182	..do..	H. J. Snider	..do.	27 59
I 9183	..do..	Geo. W. Medley	General labor	65 18
I 9184	..do..	International Harvester Co.	Machinery and tools	168 00
I 9185	..do..	Funk Bros. Seed Co.	General supplies	105 26
I 9186	..do..	Twin City Ice & Cold Storage	Sundries	12 00
I 9187	..do..	S. E. Huft & Co.	Furniture and fixtures	11 25
I 9188	..do..	H. McClade	General supplies	6 30
I 9189	..do..	Vaughan's Seed Store	..do.	1 00
I 9190	..do..	Tinius Olson Testing Machine Co.	Laboratory apparatus	500 00
I 9191	..do..	A. J. Gunderson	Traveling expenses	28 97
I 9192	..do..	Dayton Fruit Tree Label Co.	General supplies	6 00
I 9193	..do..	The Hardie Mfg. Co.	Laboratory supplies	1 31
I 9194	..do..	"Friend" Mfg. Co.	General supplies	4 52
I 9195	..do..	C. L. Frame Dental Supply Co.	..do.	2 19
I 9196	..do..	Fuller-Morrisson Co.	..do.	1 34
I 9197	..do..	V. Mueller & Co.	Blue printing	12 00
I 9198	..do..	Remington Typewriter Co.	Office equipment	32 90
I 9199	May 25	Harry Schultz	Salary	35 00
I 9200	..do..	Johann Becker	..do.	55 00
I 9201	..do..	William Kerechan	..do.	50 00
I 9202	..do..	Steven Krysutsky	..do.	50 00
I 9203	..do..	Anton Miller	..do.	35 00
I 9204	..do..	Jacob Solomon	..do.	50 00
I 9205	..do..	Nicholas Michalovich	..do.	50 00
I 9206	..do..	Peter Drennan	..do.	80 00
I 9207	..do..	Joseph Klena	..do.	60 00
I 9208	..do..	Philipp A. Ohlson	..do.	51 67
I 9209	..do..	Carl Gitzke	..do.	30 00
I 9210	..do..	Ed. L. Feeney	..do.	75 00
I 9211	..do..	Mrs. Louise Redman	..do.	60 00
I 9212	..do..	Mrs. Lizzie Shue	..do.	40 00
I 9213	..do..	Mrs. A. D. Horn	..do.	40 00
I 9214	..do..	Lavina Dille	..do.	60 00
I 9215	..do..	J. E. Morgan	..do.	10 00
I 9216	..do..	Elizabeth Collom	Student labor	35 00
I 9217	..do..	Eleanor Peterson	..do.	30 00
I 9218	..do..	Nina E. Criger	Salaries	80 00
I 9219	..do..	Marie Freeman	..do.	50 00
I 9220	..do..	Elmer S. Riggs	..do.	150 00
I 9221	..do..	W. Ira Williams	..do.	150 00
I 9222	..do..	Pay roll	May, 1916	2,010 00
		Ameson, Mabel	Salary	\$ 75 00
		Browne, W. H.	..do.	250 00
		Cole, H. W.	..do.	100 00
		Heermann, Louise	..do.	60 00
		Watson, Ethel	..do.	50 00
		Blackwell, John	..do.	60 00
		Crown, Astrid E.	..do.	50 00
		Brodsky, Esther	..do.	55 00
		Froberg, Eric	..do.	75 00
		Fletcher, E. C.	..do.	125 00
		Forsyth, Jas. Arthur	..do.	100 00
		Peterson, Florence	..do.	40 00
		Braun, William	..do.	45 00
		David, Eshoo	..do.	55 00
		David, Simon	..do.	50 00
		Kastanos, John	..do.	50 00
		Allen, Josephine	..do.	55 00
		Seaberg, Elin M.	..do.	70 00
		Ruehl, Henrietta	..do.	60 00
		Loomis, Netta	..do.	100 00
		Bates, Margaret	..do.	50 00
		Hyatt, E. G.	..do.	40 00
		Rumry, Florence	..do.	40 00
		Hoy, Anna	..do.	60 00
		Tomek, Gertrude	..do.	65 00
		David, Paul	..do.	60 00
		Cubbins, Maude	..do.	65 00
		Toomey, Annie	..do.	40 00
		Bolan, Anna R.	..do.	65 00
I 9223	..do..	Pay roll	May, 1916	5,468 19
		Eycleshneyer, A. C.	Salary	\$416 66
		Jones, T. S.	..do.	83 33

## INSTRUCTION VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1916			
9223 Cld.	May 25	Moodie, R. L.	Salary	\$166 66
		Boelio, Louis	do	80 00
		Kramer, Morris	do	60 00
		Emmel, V. E.	do	162 50
		Welker, W. H.	do	250 00
		Smith, C. S.	do	166 66
		Smalle, J. C.	do	50 00
		D'Vorak, A. C.	do	50 00
		Strauch, H. H.	do	83 33
		Burmeister, W. H.	do	166 66
		Boughton, T. H.	do	150 00
		Davis, D. J.	do	208 33
		Weedon, Amy G.	do	70 00
		Voss, Esther K.	do	40 00
		Dreyer, G. P.	do	333 33
		Curl, Howard	do	55 55
		Pearce, R. G.	do	229 16
		Hiskey, Geo.	do	45 00
		Fantus, Bernard	do	166 66
		Shackles, A. O.	do	166 66
		Simonds, W. E.	do	50 00
		Davis, D. J.	do	208 33
		Moore, Howard	do	150 00
		Culver, H. B.	do	100 00
		Panlczyski, Joseph	do	45 00
		Falls, F. H.	do	100 00
		MacDonald, Effie	do	70 00
		Nadeau, O. E.	do	50 00
		Moorehead, F. B.	do	166 66
		Noyes, F. B.	do	125 00
		Wells, C. W.	do	50 00
		McGuire, J. C.	do	200 00
		Coolidge, E. D.	do	83 33
		Bake, L. E.	do	50 00
		Gallie, D. M.	do	83 33
		Deist, M. W.	do	100 00
		Krejci, E. J.	do	100 00
		Moorehead, F. B.	do	83 33
		Bernard, F. S.	do	58 33
		Schultz, Louis	do	41 66
		Dittmar, G. W.	do	83 33
		Starr, S. P.	do	50 00
		Crimson, John S.	do	60 00
		Bramwell, C. H.	do	60 00
		Dewey, Kaethe	do	100 00
I 9224	do	C. S. Rhode	Expert services	\$ 75 00
I 9225	do	Lawrence Nesbit	do	55 00
I 9226	do	Carl Adams	Wages	54 00
I 9227	do	Alice Reed	Expert services	60 00
I 9228	do	B. H. Dunlap	do	70 00
I 9229	do	L. A. Hunter	do	80 00
I 9230	do	J. R. Kelly	Wages	65 00
I 9231	do	Chas. A. Campbell	Expert services	65 00
I 9232	do	C. C. Chapman	do	100 00
I 9233	do	Tornquist, Andrew	do	75 00
I 9234	do	M. D. Rose	Wages	55 00
I 9235	do	E. W. Bacon	do	45 00
I 9236	do	Roy Argo	do	60 00
I 9237	do	Lucy M. Barto	do	20 00
I 9238	do	A. H. Bevis	do	45 00
I 9239	do	Jasper Dillion	do	60 00
I 9240	do	Lawrence Engle	do	25 00
I 9241	do	W. J. Engle	do	80 00
I 9242	do	W. J. Hampton	do	80 00
I 9243	do	W. C. Jones	do	75 00
I 9244	do	Fred Pine	do	80 00
I 9245	do	Charles H. Wheatacraft	do	52 50
I 9246	do	H. Williamson	do	52 50
I 9247	do	H. W. Douglas	do	55 00
I 9248	do	I. A. Gudgel	do	45 00
I 9249	May 26	L. C. Lang	do	45 00
I 9250	do	C. A. Stanley	do	45 00
I 9251	do	W. M. Woods	do	55 00
I 9252	do	J. S. Whitmire	do	70 00
I 9253	do	A. J. Stoneburner	do	50 00
I 9254	do	Charles Pollard	do	50 00
I 9255	do	Ralph Chaplin	do	60 00
I 9256	do	H. O. Woodworth	do	55 00

## INSTRUCTION VOUCHERS—Concluded.

No.	Date.	To whom.	For what.	Amount.
	1916			
I 9257	May 26	Jesse Judy.....	Wages.....	\$ 40 00
I 9258	..do....	Asa Egelston.....	..do.....	45 00
I 9259	..do....	Dan Whitley.....	..do.....	40 00
I 9260	..do....	H. Kirby.....	..do.....	45 00
I 9261	..do....	Lucy Lowe.....	..do.....	45 00
I 9262	..do....	W. L. Harry.....	..do.....	100 00
I 9263	..do....	Harry Pritchard.....	..do.....	70 00
I 9264	..do....	Ralph Pritchard.....	..do.....	65 00
I 9265	..do....	Emmett Brentlinger.....	..do.....	65 00
I 9266	June 1	The Carswell Co.....	Books.....	9 00
I 9267	..do....	Twin City Ice & Cold Storage Co.....	General supplies.....	4 00
I 9268	..do....	American Law Book Co.....	Books.....	10 00
I 9269	..do....	Hunter, Rourke & Co.....	General supplies.....	29 00

## V. RESEARCH VOUCHERS.

	1915			
R 1	July 13	L. E. Knorr, Assistant Comptroller.....	Student labor.....	\$ 13 00
R 2	July 14	J. M. Braham.....	Wages, June, 1915.....	40 50
R 3	..do....	Gustav H. Radebaugh.....	Services as machinist on electric test car.....	151 65
R 4	July 16	Pay roll.....	July, 1915.....	200 00
		Walsh, Ethel.....	Salary.....	\$ 50 00
		Voight, Lida E.....	..do.....	100 00
		Humrichouse, Katie L.....	..do.....	50 00
R 5	..do....	Pay roll.....	July, 1915.....	2,033 30
		Andros, S. O.....	Salary.....	\$150 00
		Dunn, H. H.....	..do.....	116 66
		Keller, R. B.....	..do.....	166 66
		Kratz, A. P.....	..do.....	133 33
		McFarland, D. F.....	..do.....	166 66
		Moore, H. F.....	..do.....	250 00
		Slater, W. A.....	..do.....	150 00
		Yensen, T. D.....	..do.....	133 33
		Gonnerman, H. F.....	..do.....	150 00
		Wilson, L. A.....	..do.....	116 66
		Kinley, David.....	..do.....	500 00
R 6	July 20	The Lunkenheimer Co.....	General supplies.....	2 39
R 7	..do....	Ernst Hertzberg & Sons.....	Books.....	2 09
R 8	..do....	Crane Co.....	Pipes.....	7 55
R 9	..do....	Central Scientific Co.....	Induction coil.....	8 12
R 10	..do....	L. E. Knorr, Assistant Comptroller.....	Bills paid for student labor.....	12 00
R 11	..do....	L. E. Knorr, Assistant Comptroller.....	General labor.....	5 75
R 12	..do....	T. W. Dieckmann.....	Wages, July, 1915.....	100 00
R 13	July 22	L. C. Lichty.....	..do.....	65 00
R 14	July 23	A. C. Callen.....	Traveling expenses.....	30 60
R 15	..do....	Oxweld Acetylene Co.....	Dark spectacles.....	1 55
R 16	July 28	C. A. Brumley.....	Wages, July, 1915.....	59 40
R 17	..do....	J. F. Schnellbach.....	..do.....	37 50
R 18	..do....	A. C. Callen.....	..do.....	100 00
R 18½	July 31	W. B. Castenholz, Comptroller.....	Material furnished from University storeroom.....	13 29
R 19	Aug. 4	M. E. Thompson, Cashier.....	General labor.....	19 50
R 20	Aug. 9	M. E. Thompson, Cashier.....	..do.....	98 05
R 21	..do....	Geo. Banta Publishing Co.....	Reprints.....	2 77
R 22	..do....	A. C. Callen.....	Traveling expenses.....	42 59
R 23	Aug. 10	Claudia M. Gray.....	Wages, July, 1915.....	31 00
R 24	..do....	Lucile M. Allen.....	..do.....	23 50
R 25	..do....	S. O. Andros.....	Traveling expenses.....	3 85
R 26	..do....	M. E. Thompson, Cashier.....	Student labor.....	31 30
R 27	..do....	Pay roll.....	August, 1915.....	116 13
		Walsh, Ethel.....	Salary.....	\$ 50 00
		Voight, Lida E.....	..do.....	100 00
R 28	..do....	Pay roll.....	August, 1915.....	2,033 70
		Andros, S. O.....	Salary.....	\$150 00
		Dunn, H. H.....	..do.....	116 74
		Keller, R. B.....	..do.....	166 74
		Kratz, A. P.....	..do.....	133 37
		McFarland, D. F.....	..do.....	166 74
		Moore, H. F.....	..do.....	250 00
		Slater, W. A.....	..do.....	150 00
		Yensen, T. D.....	..do.....	133 37
		Gonnerman, H. F.....	..do.....	150 00

## RESEARCH VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
R	28	1915		
R	28	Aug. 10	Wilson, L. A.	Salary \$116 74
R	29	Aug. 14	Kinley, David	do 500 00
R	30	Aug. 16	M. E. Thompson, Cashier	Student, express and sundry bills \$ 34 16
R	31	do	A. C. Callen	Traveling expenses 26 48
R	32	do	E. H. Sargent & Co.	Barometer repairs 4 50
R	33	do	Pantagraph Printing & Stationery Co.	Bulletin alteration 7 50
R	34	Aug. 18	A. C. Callen	Wages, August, 1915 50 00
R	35	do	J. M. Braham	Wages, August, 1915 29 50
R	36	Aug. 24	J. M. Braham	Wages, July, 1915 80 00
R	37	do	Crane Co.	Laboratory supplies 2 59
R	38	do	Chas. A. Strelinger Co.	do 28 10
R	39	do	The Burr Co.	Building supplies 100 00
R	40	Aug. 27	T. W. Dieckmann	Wages, August, 1915 64 25
R	41	do	M. E. Thompson, Cashier	Student labor 9 90
R	42	Aug. 28	Flanigan-Pearson Co.	Printing 73 51
R	43	Aug. 30	Twin City Roofing Co.	Laboratory apparatus 22 00
R	44	do	W. B. Castenholz, Comptroller	Material from University store-room 55 71
R	45	Aug. 31	F. M. Bonnard, Esq.	Expert services 9 50
R	46	do	Claudia M. Gray	Wages, August, 1915 6 75
R	47	do	Lucile M. Allen	do 16 25
R	48	do	C. A. Brumley	do 57 20
R	49	Sept. 10	M. E. Thompson, Cashier	Student labor 53 00
R	50	do	The University Press	Printing 10 75
R	51	do	Twin City Printing Co.	do 10 75
R	52	Sept. 13	Library Bureau	Filing units 83 50
R	53	do	Robert B. Keller	Salary, August, 1915 83 33
R	54	Sept. 14	Claudia M. Gray	do 19 00
R	55	Sept. 15	Pay roll	September, 1915 4,761 65
			Dunn, H. H.	Salary \$133 33
			Kratz, A. F.	do 150 00
			Moore, H. F.	do 250 00
			Slater, W. A.	do 166 66
			Yensen, T. D.	do 150 00
			Gonnerman, H. F.	do 150 00
			Wilson, L. A.	do 125 00
			Farr, S. W.	do 166 66
			Gatewood, W. A.	do 50 00
			Lichty, L. C.	do 50 00
			Lukens, W. P.	do 50 00
			Young, E. G.	do 50 00
			Draffin, J. O.	do 50 00
			Manuel, W. A.	do 50 00
			Ordonez, B. R.	do 50 00
			Templin, R. L.	do 50 00
			Weiss, Camillo	do 50 00
			Kirkpatrick, F. A.	do 50 00
			Tanar, S. F.	do 50 00
			Larson, L. G.	do 50 00
			Mylius, L. A.	do 50 00
			Kinley, David	do 500 00
			Walker, Q. F.	do 60 00
			Kile, Jessie J.	do 80 00
			Albrecht, W. A.	do 35 00
			Anderson, A. L. A.	do 35 00
			Ball, T. R.	do 40 00
			Brady, St. Elmo	do 40 00
			Burton, L. V.	do 50 00
			Chandler, E. M. A.	do 30 00
			Clark, Fred E.	do 40 00
			Clark, Helen	do 40 00
			Cooke, Delmar G.	do 35 00
			Cooper, Arthur R.	do 50 00
			Crooker, Sylvan J.	do 35 00
			Debel, Nels H.	do 40 00
			Elliott, John A.	do 40 00
			Engle, Edgar W.	do 40 00
			Griffin, Clare E.	do 35 00
			Guild, F. H.	do 45 00
			Hebbert, C. M.	do 35 00
			Higley, Ruth	do 30 00
			Hoffo, Jacob A.	do 35 00
			Jewell, Minna E.	do 35 00
			Johnston, Joseph H.	do 35 00
			Kernall, Morris J.	do 40 00
			Lamkey, E. M. R.	do 35 00
			Linkins, R. H.	do 40 00

## RESEARCH VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
R 55	1915 Sept. 15	Nabel, M. L. ....	Salary .....	\$ 35 00
Cld.		Palm, Franklin C. ....	do .....	30 00
		Partridge Newton K. ....	do .....	35 00
		Pasmore, D. F. ....	do .....	40 00
		Peterson, W. A. ....	do .....	40 00
		Russell, Robert R. ....	do .....	30 00
		Sabin, Ethel E. ....	do .....	45 00
		Schoepperle, Helen. ....	do .....	30 00
		Scholl, Clarence. ....	do .....	40 00
		Stevens, Wayne E. ....	do .....	45 00
		Stowell, Charles J. ....	do .....	35 00
		Stunkard, H. W. ....	do .....	40 00
		Westergaard, Harold M. ....	do .....	50 00
		Spindler, G. W. ....	do .....	50 00
		Allen, Otho W. ....	do .....	25 00
		Amsterdam, Harry. ....	do .....	25 00
		Booth, Harry F. ....	do .....	25 00
		Cullum, W. H. ....	do .....	25 00
		Davidson, Levette J. ....	do .....	25 00
		Hole, Lillian D. ....	do .....	25 00
		Harris, Olive. ....	do .....	25 00
		Jennings, Walter W. ....	do .....	25 00
		Maddock, Kathryn. ....	do .....	25 00
		Marvel, Carl S. ....	do .....	25 00
		Morgan, Effie. ....	do .....	25 00
		Murray, Forrest H. ....	do .....	25 00
		Nordby, J. E. ....	do .....	25 00
		O'Connor, Ethel. ....	do .....	25 00
		Olmsted, Margaret. ....	do .....	25 00
		Parker, Edwin K. ....	do .....	25 00
		Ripley, L. B. ....	do .....	25 00
		Scotfield, Harriet. ....	do .....	25 00
		Seller, E. Frances. ....	do .....	25 00
		Sendenburgh, Edith I. ....	do .....	25 00
		Smith, Ernest J. ....	do .....	25 00
		Smith, Merlin G. ....	do .....	25 00
		Sweeney, Merle A. ....	do .....	25 00
		Trowbridge, Mary L. ....	do .....	25 00
		Wait, Bernice. ....	do .....	25 00
		Williams, D. W. ....	do .....	25 00
		Henry, Theodore S. ....	do .....	10 00
		Schuetz, T. H. ....	do .....	10 00
		McComis, S. T. ....	do .....	10 00
R 56	..do...	M. E. Thompson, Cashier. ....	Bills paid .....	\$ 23 07
R 57	..do...	Twin City Printing Co. ....	Printing .....	7 50
R 58	..do...	E. W. Engle .....	Wages for July and August, 1915. ....	150 00
R 59	Sept. 17	Pay roll .....	September, 1915. ....	100 00
		Voight, Lida E. ....	Salary .....	\$100 00
R 60	Sept. 18	H. F. Gonnerman. ....	Traveling expenses .....	2 90
R 61	..do...	T. W. Dieckmann. ....	do .....	4 11
R 62	..do...	General Electric Co. ....	Carbons .....	1 50
R 63	..do...	A. C. Callen. ....	Traveling expenses .....	26 72
R 64	..do...	Keuffel & Esser Co. ....	Office supplies .....	5 00
R 65	Sept. 22	G. R. Grubb & Co. ....	Zinc etchings .....	114 10
R 66	..do...	The Alexander Lumber Co. ....	Lumber .....	2 00
R 67	..do...	The Carmichael Gravel Co. ....	Gravel .....	31 64
R 68	..do...	Pay roll .....	August, 1915 .....	50 00
		Zipprodt, Ella M. ....	Salary .....	\$50 00
R 69	Sept. 24	Flanigan-Pearson Co. ....	Circulars .....	276 99
R 70	Sept. 28	Pay roll .....	September, 1915. ....	70 00
		Russell, F. A. ....	Salary .....	\$40 00
		Robinson, R. P. ....	do .....	30 00
R 71	..do...	Pay roll .....	September, 1915. ....	50 00
		Zipprodt, Ella. ....	Salary .....	\$50 00
R 72	..do...	Barnes, Crosby Co. ....	Zinc .....	18 60
R 73	Sept. 30	M. E. Thompson, Cashier. ....	Student labor .....	27 10
R 74	..do...	The Wabash R. R. ....	Freight .....	5 78
R 75	..do...	Geo. Banta Publishing Co. ....	Printing .....	254 45
R 76	..do...	W. B. Castenholz, Comptroller. ....	Material furnished from University storeroom. ....	112 52
R 77	Oct. 5	M. E. Thompson, Cashier. ....	General labor .....	96 00
R 78	..do...	M. E. Thompson, Cashier. ....	Student labor .....	66 70
R 79	Oct. 8	H. R. Fritz. ....	Salary, September, 1915. ....	50 00
R 80	..do...	Twin City Printing Co. ....	Printing .....	4 50
R 81	..do...	F. L. Stevens. ....	Traveling expenses .....	124 17
R 82	Oct. 9	Jessie A. Romig. ....	Wages, September, 1915. ....	20 50
R 83	..do...	E. E. Bauer. ....	do .....	11 25
R 84	Oct. 12	M. E. Thompson, Cashier. ....	Student labor .....	21 30

## RESEARCH VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1915			
R 85	Oct. 14	Eugene Dietzgen Co. ....	General supplies. ....	\$ 13 88
R 86	..do....	C. O. Waterhouse. ....	Expert services. ....	48 10
R 87	..do....	The Sneed & Co. Iron Works. ....	Furniture. ....	50 00
R 88	Oct. 15	Pay roll. ....	October, 1915. ....	4,714 99
		Dunn, H. H. ....	Salary. ....	\$133 33
		Kratz, A. P. ....	..do. ....	150 00
		Moore, H. F. ....	..do. ....	250 00
		Yensen, T. D. ....	..do. ....	150 00
		Gonnerman, H. F. ....	..do. ....	150 00
		Wilson, L. A. ....	..do. ....	125 00
		Parr, S. W. ....	..do. ....	166 66
		Gatwood, W. A. ....	..do. ....	50 00
		Lichty, L. C. ....	..do. ....	50 00
		Lukens, W. P. ....	..do. ....	50 00
		Young, E. G. ....	..do. ....	50 00
		Draffin, J. C. ....	..do. ....	50 00
		Manual, W. A. ....	..do. ....	50 00
		Ordonex, B. R. ....	..do. ....	50 00
		Templin, R. L. ....	..do. ....	50 00
		Weiss, Camillo. ....	..do. ....	50 00
		Kirkpatrick, F. A. ....	..do. ....	50 00
		Tanar, S. F. ....	..do. ....	50 00
		Larson, L. G. ....	..do. ....	50 00
		Mylius, L. A. ....	..do. ....	50 00
		Fritz, H. F. ....	..do. ....	50 00
		Kingley, David. ....	..do. ....	500 00
		Walker, Q. F. ....	..do. ....	60 00
		Robinson, R. P. ....	..do. ....	30 00
		Kile, Jessie. ....	..do. ....	80 00
		Albrecht, W. A. ....	..do. ....	35 00
		Anderson, A. L. A. ....	..do. ....	35 00
		Ball, T. R. ....	..do. ....	40 00
		Brady, St. Elmo. ....	..do. ....	40 00
		Burton, L. V. ....	..do. ....	50 00
		Chandler, E. M. A. ....	..do. ....	30 00
		Clark, F. E. ....	..do. ....	40 00
		Clark, Helen. ....	..do. ....	40 00
		Cooke, D. G. ....	..do. ....	35 00
		Cooper, A. R. ....	..do. ....	50 00
		Crooker, S. J. ....	..do. ....	35 00
		Debel, N. H. ....	..do. ....	40 00
		Elliott, J. A. ....	..do. ....	40 00
		Engle, E. W. ....	..do. ....	40 00
		Garman, Phillip. ....	..do. ....	40 00
		Griffin, C. E. ....	..do. ....	35 00
		Guild, F. H. ....	..do. ....	45 00
		Hebbert, C. M. ....	..do. ....	35 00
		Higley, Ruth. ....	..do. ....	30 00
		Hofto, J. A. ....	..do. ....	35 00
		Jewell, Minnie E. ....	..do. ....	35 00
		Johnston, J. E. ....	..do. ....	35 00
		Kernall, M. J. ....	..do. ....	40 00
		Lamkey, E. M. E. ....	..do. ....	35 00
		Linkins, R. H. ....	..do. ....	40 00
		Nabel, M. L. ....	..do. ....	35 00
		Palm, F. C. ....	..do. ....	30 00
		Partridge, N. K. ....	..do. ....	35 00
		Pasmore, D. F. ....	..do. ....	40 00
		Peterson, A. ....	..do. ....	40 00
		Russell, F. A. ....	..do. ....	40 00
		Russell, R. R. ....	..do. ....	30 00
		Sabin, Ethel. ....	..do. ....	45 00
		Schoepferle, Katherine. ....	..do. ....	30 00
		Scholl, Clarence. ....	..do. ....	40 00
		Stevens, W. E. ....	..do. ....	45 00
		Stowell, C. J. ....	..do. ....	35 00
		Stunkard, H. W. ....	..do. ....	40 00
		Westergaard, H. M. ....	..do. ....	50 00
		Spindler, G. W. ....	..do. ....	50 00
		Allen, O. W. ....	..do. ....	25 00
		Amsterdam, Harry. ....	..do. ....	25 00
		Booth, H. T. ....	..do. ....	25 00
		Cullum, W. H. ....	..do. ....	25 00
		Davidson, L. J. ....	..do. ....	25 00
		Dole, Lillian D. ....	..do. ....	25 00
		Harris, Olive. ....	..do. ....	25 00
		Jennings, W. W. ....	..do. ....	25 00
		Maddock, Lathryn. ....	..do. ....	25 00

## RESEARCH VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
R 88	1915 Oct. 15	Marvel, C. S.	Salary	\$25 00
Cld.		Morgan, Effie	do	25 00
		Murray, F. H.	do	25 00
		Nordby, J. E.	do	25 00
		O'Connor, Ethel	do	25 00
		Omsted, Margaret	do	25 00
		Parker, E. K.	do	25 00
		Ripley, L. B.	do	25 00
		Scofield, Harriet	do	25 00
		Seiler, E. F.	do	25 00
		Sendenburgh, Edith	do	25 00
		Smith, E. J.	do	25 00
		Smith, M. G.	do	25 00
		Swency, M. A.	do	25 00
		Trowbridge, Mary	do	25 00
		Wait, Bernice	do	25 00
		Williams, D. W.	do	25 00
		Henry, T. S.	do	10 00
		Schuette, T. H.	do	10 00
		McComis, S. J.	do	10 00
R 89	do	M. E. Thompson, Cashier	Sundry bills	\$ 17 51
R 90	do	M. E. Thompson, Cashier	General labor	26 10
R 91	Oct. 20	Theodore C. Pease	Traveling expenses	10 32
R 92	do	Crane Co.	General supplies	15 00
R 93	do	American Chemical Society	Reprints	6 90
R 94	do	Powner's Book Store	Books	12 00
R 95	do	The Arthur H. Clark Co.	do	150 00
R 96	do	E. A. Holbrook	Traveling expenses	20 85
R 97	do	Rogers & Hall Co.	Bulletins	542 95
R 98	do	R. L. Zeitler	Salary, October 1-15, 1915	50 00
R 99	do	The Elliott Co.	Incidental	4 00
R 100	do	Taylor Hardware Co.	Iron hopper	2 20
R 101	Oct. 21	Pay roll	October, 1915	150 00
		Voight, Lida E.	Salary	\$100 00
		Zippodt, Ella R.	do	50 00
R 102	Oct. 22	Geo. Banta Publishing Co.	Reprints	23 05
R 103	do	Crane Co.	Steel pipe	13 81
R 104	do	M. E. Thompson, Cashier	Bills paid	24 00
R 105	do	M. E. Thompson, Cashier	do	28 67
R 106	do	Pantagraph Printing & Stationery Co.	Printing	261 64
R 107	do	Flanigan-Pearson Co.	do	404 95
R 108	Oct. 25	C. A. Brunley	Wages, September, 1915	65 00
R 109	do	The Big Four Ry. Co.	Freight	1 62
R 110	Oct. 28	M. E. Thompson, Cashier	Bills paid	35 60
R 110a	Oct. 30	Cooper-Hewitt Electric Co.	Quartz tube	5 07
R 111	do	Geo. Banta Publishing Co.	Express on prints	1 36
R 112	do	C. A. Hall Hardware Co.	Garden hose	3 00
R 113	do	Crane Co.	End pans, square	13 06
R 114	do	Theodore C. Pease	Traveling expenses	13 65
R 115	do	Ralph M. Metz	Wages, October, 1915	19 50
R 116	do	Jessie A. Romig	do	14 00
R 117	do	Ezra E. Bauer	do	15 60
R 118	do	T. H. Wehrle	do	17 70
R 119	do	E. Wichers	do	40 00
R 120	do	C. A. Brunley	do	65 00
R 121	do	W. B. Castenholz, Comptroller	Material furnished from University storeroom	19 92
R 122	do	The Burr Co.	Laboratory work	5 80
R 123	do	The Bishop, Babcock, Becker Co.	Gas regulator	13 89
R 124	do	Wilson-Maclean Co.	Laboratory apparatus	35 20
R 125	do	E. H. Sargent & Co.	Chemicals	4 35
R 126	do	Knowlton & Bennett	Alcohol	2 50
R 127	do	J. C. Thomas	Paint	2 10
R 128	do	The American Rolling Mill Co.	Iron bars	2 64
R 129	do	Jones & Laughlin Steel Co.	Iron	5 92
R 130	do	Illinois Central Ry. Co.	Freight	1 87
R 131	Nov. 5	L. A. Welo	Wages, July, 1915	60 00
R 132	do	J. A. Romig	Wages, October, 1915	18 50
R 133	do	E. E. Bauer	do	16 20
R 134	do	T. R. Wehrle	do	13 80
R 135	do	Marion Manley	do	4 55
R 136	do	J. M. Lindgren	Wages, March 15 to October 15	90 00
R 137	do	M. E. Thompson, Cashier	Bills paid	88 50
R 138	do	M. E. Thompson, Cashier	do	91 60
R 139	Nov. 8	L. S. Baldwin	Wages, October, 1915	16 80
R 140	do	Illinois Steel Co.	Steel	1 10
R 141	do	International Acheson Graphite Co.	A graphite	14 01
R 142	do	Eimer & Amend	Laboratory apparatus	11 90

## RESEARCH VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1915			
R 143	Nov. 11	Louden & Flaningam	Printing	\$ 2 50
R 144	..do..	Theodore C. Pease	Traveling expenses	31 53
R 145	..do..	Driver-Harris Wire Co.	Wire	2 51
R 146	..do..	American Rotary Valve Co.	Apparatus repairs	3 00
R 147	..do..	The Elliott Co.	Office supplies	6 00
R 148	..do..	Wm. Gaertner & Co.	Laboratory apparatus	6 00
R 149	..do..	Twin City Roofing Co.	General supplies	6 00
R 150	..do..	E. H. Sargent & Co.	Laboratory supplies	28 58
R 151	..do..	G. R. Grubb & Co.	Publications	100 70
R 152	Nov. 12	M. E. Thompson, Cashier	Bills paid	44 11
R 153	..do..	M. E. Thompson, Cashier	..do..	6 70
R 154	Nov. 15	Standard Glass Co.	Glass	17 00
R 155	..do..	Crerar, Adams & Co.	Steel tubing	7 67
R 156	..do..	Pay roll	November, 1915	4,881 65
		Dunn, H. H.	Salary	\$133 33
		Kratz, A. P.	..do..	150 00
		Moore, H. F.	..do..	250 00
		Slater, W. A.	..do..	166 66
		Yensen, T. D.	..do..	150 00
		Gonnerman, H. F.	..do..	150 00
		Wilson, L. A.	..do..	125 00
		Farr, S. W.	..do..	106 66
		Gatwood, W. A.	..do..	50 00
		Lichty, L. C.	..do..	50 00
		Lukens, W. F.	..do..	50 00
		Young, E. G.	..do..	50 00
		Draffin, J. O.	..do..	50 00
		Manual, W. A.	..do..	50 00
		Ordenez, B. R.	..do..	50 00
		Templin, R. L.	..do..	50 00
		Weiss, Camillo	..do..	50 00
		Kirkpatrick, F. A.	..do..	50 00
		Tanav, S. F.	..do..	50 00
		Larson, L. G.	..do..	50 00
		Mylius, L. A.	..do..	50 00
		Fritz, H. F.	..do..	50 00
		Kinley, David	..do..	500 00
		Walker, Q. F.	..do..	60 00
		Robinson, R. P.	..do..	30 00
		Kile, Jessie J.	..do..	80 00
		Albrecht, W. A.	..do..	35 00
		Anderson, A. J. A.	..do..	35 00
		Ball, T. R.	..do..	40 00
		Brady, St. Elmo	..do..	40 00
		Burton, L. V.	..do..	50 00
		Chandler, E. M. A.	..do..	30 00
		Clark, F. E.	..do..	40 00
		Clark, Helen	..do..	40 00
		Cooke, D. G.	..do..	35 00
		Cooper, A. R.	..do..	50 00
		Crocker, S. J.	..do..	35 00
		Debel, N. H.	..do..	40 00
		Elliott, J. A.	..do..	40 00
		Engle, E. W.	..do..	40 00
		Garman, Phillip	..do..	40 00
		Griffin, C. E.	..do..	35 00
		Guild, F. H.	..do..	45 00
		Hebbert, C. M.	..do..	35 00
		Higley, Ruth	..do..	30 00
		Hofto, J. A.	..do..	35 00
		Jewell, Minnie	..do..	35 00
		Johnston, J. H.	..do..	35 00
		Kernall, E. J.	..do..	40 00
		Lamkey, E. M. R.	..do..	35 00
		Linkins, R. H.	..do..	40 00
		Nebel, M. L.	..do..	35 00
		Palm, F. C.	..do..	30 00
		Partridge, N. K.	..do..	35 00
		Pasmore, D. F.	..do..	40 00
		Peterson, A.	..do..	40 00
		Russell, F. A.	..do..	40 00
		Russell, R. R.	..do..	30 00
		Sabin, Ethel	..do..	45 00
		Schoepperle, Helen	..do..	30 00
		Scholl, Clarence	..do..	40 00
		Stevens, W. R.	..do..	45 00
		Stowell, C. J.	..do..	35 00



## RESEARCH VOUCHERS—Continued.

No	Date.	To whom.	For what.	Amount.
<b>1915</b>				
R 156	Nov. 15	Stunkard, H. W.	Salary	\$40 00
Cld.		Westergaard, H. M.	do	50 00
		Spindler, G. W.	do	50 00
		Allen, O. W.	do	25 00
		Amsterdam, Harry.	do	25 00
		Booth, H. T.	do	25 00
		Cullum, W. H.	do	25 00
		Davidson, L. J.	do	25 00
		Dole, Lillian D.	do	25 00
		Harris, Olive	do	25 00
		Jennings, W. W.	do	25 00
		Maddock, Kathryn.	do	25 00
		Marvel, C. B.	do	25 00
		Morgan, Effie	do	25 00
		Murray, F. H.	do	25 00
		Nordby, J. B.	do	25 00
		O'Conner, Ethel	do	25 00
		Omsted, Margaret	do	25 00
		Parker, E. K.	do	25 00
		Ripley, L. B.	do	25 00
		Scotfield, Harriet	do	25 00
		Seller, E. F.	do	25 00
		Sendenburgh, Edith	do	25 00
		Smith, E. J.	do	25 00
		Smith, M. G.	do	25 00
		Sweeney, M. A.	do	25 00
		Trowbridge, Mary	do	25 00
		Wait, Bernice	do	25 00
		Williams, D. W.	do	25 00
		Henry, T. S.	do	10 00
		Schuette, T. H.	do	10 00
		McComis, S. J.	do	10 00
R 157	Nov. 16	The Whitaker Paper Co.	Printing	\$ 54 26
R 158	do	The Leeds & Northrup Co.	Resistance box	77 55
R 159	do	The Burr Co.	Laboratory apparatus	5 50
R 160	Nov. 19	The Whitaker Paper Co.	Printing	81 54
R 161	do	Louden & Flaningam	do	2 25
R 162	do	The Elliott Co.	Office supplies	19 80
R 163	do	Lewis M. Ellison	Pressure gage	16 25
R 164	do	The Campaign Bottling Works	Laboratory supplies	2 00
R 165	do	The American Chemical Society	Reprints	2 62
R 166	do	Jessie A. Romig	Wages, November, 1915	16 50
R 167	do	Ezra E. Bauer	do	13 20
R 168	do	T. H. Wehrle	do	13 80
R 169	do	M. E. Thompson, Cashier	Bills paid	11 21
R 170	do	M. E. Thompson, Cashier	do	5 40
R 171	Nov. 22	The Big Four Ry. Co.	Freight	1 13
R 172	do	Hill's National Reporting Co.	Books	500 00
R 173	do	E. H. Sargent & Co.	Laboratory supplies	3 57
R 174	Nov. 23	Pay roll	November, 1915	150 00
		Voight, Lida E.	Salary	\$100 00
		Zipprott, Ella R.	do	50 00
R 175	Nov. 24	Ralph M. Netz	Wages, November, 1915	21 50
R 176	do	Ernst Hertzberg & Sons	Books	1 34
R 177	do	E. M. Moll	Laboratory apparatus	1 00
R 178	do	Crane Co.	Caps	6 04
R 179	Nov. 26	M. E. Thompson, Cashier	Bills paid	37 50
R 180	do	M. E. Thompson, Cashier	do	10 84
R 181	do	M. E. Thompson, Cashier	do	35 00
R 182	Nov. 29	H. S. Capron, Treasurer	Material furnished from University storeroom	87 62
R 183	do	The Elliott Co.	Office supplies	12 00
R 184	do	Harry Herrick	Laboratory supplies	2 35
R 185	do	E. H. Sargent & Co.	Chemical	7 65
R 186	do	J. C. Gabel	Aerating machine	21 50
R 187	do	The University of Illinois Supply Store	Books	1 20
R 188	do	C. A. Brumley	Wages, November, 1915	65 00
R 189	Dec. 8	M. E. Thompson, Cashier	Bills paid	4 11
R 190	do	M. E. Thompson, Cashier	do	58 35
R 191	do	E. H. Sargent & Co.	Laboratory supplies	5 05
R 192	do	Grerar, Adams & Co.	Steel tubing	6 82
R 193	do	Henry McGlade	General supplies	13 00
R 194	do	R. C. Wagner & Son	Hauling	36 00
R 195	do	T. C. Pease	Traveling expenses	9 87
R 196	do	Illinois Central Ry. Co.	Freight	9 35
R 197	Dec. 9	E. Wichers	Wages, November, 1915	40 00
R 198	do	Ezra E. Bauer	do	13 20
R 199	do	J. A. Romig	do	17 00

## RESEARCH VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
R 200	1915 Dec. 9	T. H. Wehrle	Wages, November, 1915	\$ 18 30
R 201	Dec. 10	Pay roll	December, 1915	4,831 65
		Dunn, H. H.	Salary	\$133 33
		Kratz, A. F.	do	150 00
		Moore, H. F.	do	250 00
		Slater, W. A.	do	166 66
		Yensen, F. D.	do	150 00
		Gonnerman, H. F.	do	150 00
		Wilson, L. A.	do	125 00
		Farr, S. W.	do	166 66
		Gatwood, W. A.	do	50 00
		Lichty, L. C.	do	50 00
		Lukens, W. P.	do	50 00
		Young, E. G.	do	50 00
		Draffin, L. O.	do	50 00
		Ordonez, B. R.	do	50 00
		Templin, R. L.	do	50 00
		Weiss, Camallo.	do	50 00
		Kirkpatrick, F. A.	do	50 00
		Tanebe, S. F.	do	50 00
		Larson, L. J.	do	50 00
		Mylius, L. A.	do	50 00
		Fritz, H. F.	do	50 00
		Kinley, David	do	500 00
		Walker, C. F.	do	60 00
		Robinson, R. P.	do	30 00
		Kile, Jessie J.	do	80 00
		Albrecht, W. A.	do	35 00
		Anderson, A. J. A.	do	35 00
		Ball, T. R.	do	40 00
		Brady, St. Elmo	do	40 00
		Burton, L. V.	do	50 00
		Chandler, E. M. A.	do	30 00
		Clark, F. E.	do	40 00
		Clark, Helen	do	40 00
		Cooke, D. G.	do	35 00
		Cooper, A. R.	do	50 00
		Crocker, S. J.	do	35 00
		Debel, H. H.	do	40 00
		Elliott, J. A.	do	40 00
		Engle, E. W.	do	40 00
		Garman, Phillip	do	40 00
		Griffin, C. E.	do	35 00
		Guild, F. H.	do	45 00
		Hebbert, C. M.	do	35 00
		Higley, Ruth	do	30 00
		Hoffo, J. A.	do	35 00
		Jewell, Minnie E.	do	35 00
		Johnston, J. H.	do	35 00
		Kernall, M. J.	do	40 00
		Lamkey, E. M.	do	35 00
		Lankins, R. H.	do	40 00
		Nebel, M. L.	do	35 00
		Palm, F. C.	do	30 00
		Partridge, N. K.	do	35 00
		Pasmore, D. F.	do	40 00
		Peterson, A.	do	40 00
		Russell, F. A.	do	40 00
		Russell, R. R.	do	30 00
		Sabin, Ethel	do	45 00
		Schoepperle, Katherine	do	30 00
		Scholl, Clarence	do	40 00
		Stevens, W. E.	do	45 00
		Stowell, C. J.	do	35 00
		Stunkard, H. W.	do	40 00
		Westergaard, H. M.	do	50 00
		Spindler, G. W.	do	50 00
		Allen, O. W.	do	25 00
		Amsterdam, Harry	do	25 00
		Booth, H. T.	do	25 00
		Cullum, W. H.	do	25 00
		Davidson, L. J.	do	25 00
		Dole, Lillian	do	25 00
		Harris, Olive	do	25 00
		Jennings, W. W.	do	25 00
		Maddock, Kathryn	do	25 00
		Marvel, C. S.	do	25 00
		Morgan, Effie	do	25 00

## RESEARCH VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount
<b>1915</b>				
R 201	Dec. 10	Murray, F. H.	Salary	\$25 00
Cld.		Nordby, J. E.	do	25 00
		O'Conner, Ethel	do	25 00
		Omsted, Margaret	do	25 00
		Parker, E. K.	do	25 00
		Ripley, L. B.	do	25 00
		Scofield, Harriet	do	25 00
		Seller, E. F.	do	25 00
		Sendenburgh, Edith	do	25 00
		Smith, E. J.	do	25 00
		Smith, M. C.	do	25 00
		Sweeney, M. A.	do	25 00
		Trowbridge, Mary	do	25 00
		Wait, Bernice	do	25 00
		Williams, D. W.	do	25 00
		Henry, T. S.	do	10 00
		Schuetz, T. H.	do	10 00
		McComis, S. J.	do	10 00
R 202	Dec. 11	T. Bamford	Wages, October 21, to November 20, 1915	\$ 22 19
R 203	do	A. C. Gallen	Traveling expenses	4 95
R 204	do	Detroit Twist Drill Co.	Speed drills	18 75
R 205	do	Goldschmidt Thermit Co.	Laboratory supplies	10 75
R 206	do	Henry B. Ward	Traveling expenses	16 94
R 207	Dec. 13	Pay roll	December, 1915	150 00
		Voght, Lida B.	Salary	\$100 00
		Zippred, Ella R.	do	50 00
R 208	Dec. 15	M. E. Thompson, Cashier	Bills paid	40 00
R 209	do	M. E. Thompson, Cashier	do	120 95
R 210	do	Eimer & Amend	Laboratory apparatus	55 08
R 211	do	E. H. J. Lorenz	Map	70 00
R 212	do	W. T. Norton	Books	30 00
R 213	do	General Electric Co.	Electric supplies	21 00
R 214	do	M. E. Thompson, Cashier	Sundry bills	2 85
R 215	Dec. 16	H. S. Capron, Treasurer	Material furnished from University storeroom	120 08
R 216	Dec. 20	Duncan Electric Mfg. Co.	Meter	11 78
R 217	do	United States Post Office	Postage	1 72
R 218	do	The Thompson & Morris Co.	General supplies	10 75
R 219	do	Foote Mineral Co.	Minerals	17 15
R 220	do	Theodore C. Pease	Traveling expenses	7 15
R 221	do	Cunningham Brothers	I. N. lamps	14 40
R 222	do	J. M. Lindgren	Wages, December	18 00
R 223	Dec. 22	T. L. Chang	Wages, October, 1915	5 25
R 224	do	M. E. Thompson, Cashier	Bills paid	28 30
R 225	do	M. E. Thompson, Cashier	do	14 25
R 226	do	Duncan Electric Mfg. Co.	Steel	5 78
R 227	do	The Wm. D. Gibson Co.	Laboratory apparatus	6 75
R 228	do	The Burr Co.	do	2 80
R 229	do	Electric Appliance Co.	do	5 01
R 230	do	M. E. Thompson, Cashier	Bills paid	72 35
R 231	do	M. E. Thompson, Cashier	do	51 80
R 232	do	Flanigan-Pearson Co.	Printing	503 73
R 233	Dec. 28	H. S. Capron, Treasurer	Material furnished from University storeroom	20 98
R 234	Dec. 31	P. G. Planalp	Salary, December, 1915	18 25
R 235	do	Olen R. Clements	do	10 20
R 236	do	T. H. Wehrle	do	21 00
R 237	do	E. E. Bauer	do	21 60
R 238	do	J. A. Romig	do	29 10
R 239	do	E. H. Sargent & Co.	Rubber tubing	1 49
R 240	do	C. A. Kiler	Furniture and fixtures	9 97
R 241	do	Jones & Laughlin Steel Co.	C. R. steel	4 65
R 242	do	F. K. Robeson	General supplies	16 83
R 243	do	J. T. Ryerson & Son	do	14 85
R 244	do	R. G. Freyer	Laboratory apparatus	25 00
R 245	do	The Torch Press Book Shop	Books	46 22
R 246	do	C. A. Brumley	Wages, December, 1915	67 50
R 247	do	Pantagraph Printing & Stationery Co.	Printing	1,202 97
<b>1916</b>				
R 248	Jan. 5	M. E. Thompson, Cashier	Bills paid	1 01
R 249	do	M. E. Thompson, Cashier	do	4 85
R 250	do	M. E. Thompson, Cashier	do	30 63
R 251	do	M. E. Thompson, Cashier	do	17 60
R 252	Jan. 7	The Burr Co.	General supplies	61 27
R 253	do	Montgomery Ward & Co.	Laboratory supplies	7 82
R 254	do	Sangamo Electric Co.	do	5 60
R 255	do	The Big Four R. R. Co.	Freight	17 65

## RESEARCH VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1916			
R 256	Jan. 7	M. C. Weaver.....	Salary, December, 1915.....	\$ 81 00
R 257	..do....	Chas. H. Shipley.....	..do.....	54 00
R 258	..do....	C. S. Sale.....	..do.....	24 00
R 259	Jan. 11	G. R. Grubb & Co.....	Zinc etchings.....	5 60
R 260	..do....	Illinois State Reformatory.....	Gummed labels.....	5 30
R 261	..do....	The Burr Co.....	General supplies.....	26 75
R 262	..do....	General Electric Co.....	Electrical supplies.....	18 04
R 263	..do....	E. M. Colvin.....	Wages, December, 1916.....	81 20
R 264	..do....	M. E. Thompson, Cashier.....	Labor bills.....	72 70
R 265	..do....	M. E. Thompson, Cashier.....	Express and freight.....	3 43
R 266	..do....	M. E. Thompson, Cashier.....	Labor bills.....	22 00
R 267	Jan. 12	E. Wichers.....	Wages, December, 1915.....	40 00
R 268	Jan. 13	Pay roll.....	January, 1916.....	5,173 31
		Dunn, H. H.....	Salary.....	\$133 33
		Kratz, A. P.....	..do.....	150 00
		Moore, H. F.....	..do.....	250 00
		Slater, W. A.....	..do.....	166 66
		Yensen, F. D.....	..do.....	200 00
		Gonnerman, H. F.....	..do.....	150 00
		Wilson, L. A.....	..do.....	125 00
		Parr, S. W.....	..do.....	166 66
		Beyer, O. S.....	..do.....	166 66
		Sale, C. S.....	..do.....	125 00
		Gatwood, W. A.....	..do.....	50 00
		Lichty, L. C.....	..do.....	50 00
		Lukens, W. P.....	..do.....	50 00
		Young, E. G.....	..do.....	50 00
		Draffin, L. O.....	..do.....	50 00
		Ordonez, B. R.....	..do.....	50 00
		Templin, R. L.....	..do.....	50 00
		Weiss, Camillo.....	..do.....	50 00
		Kirkpatrick, F. A.....	..do.....	50 00
		Tanabe, S. F.....	..do.....	50 00
		Larson, L. J.....	..do.....	50 00
		Mylius, L. A.....	..do.....	50 00
		Fritz, H. F.....	..do.....	50 00
		Kinley, David.....	..do.....	500 00
		Walker, Q. F.....	..do.....	60 00
		Robinson, R. P.....	..do.....	30 00
		Kile, Jessie J.....	..do.....	80 00
		Albrecht, W. A.....	..do.....	35 00
		Anderson, A. J. A.....	..do.....	35 00
		Ball, T. R.....	..do.....	40 00
		Brady, St. Elmo.....	..do.....	40 00
		Burton, L. V.....	..do.....	50 00
		Chandler, E. M. A.....	..do.....	30 00
		Clark, F. E.....	..do.....	40 00
		Clark, Helen.....	..do.....	40 00
		Cooke, D. G.....	..do.....	35 00
		Cooper, A. R.....	..do.....	50 00
		Crooker, S. J.....	..do.....	35 00
		Debel, N. H.....	..do.....	40 00
		Elliott, J. A.....	..do.....	40 00
		Engle, E. W.....	..do.....	40 00
		Garman, Phillip.....	..do.....	40 00
		Griffin, C. E.....	..do.....	35 00
		Guild, F. H.....	..do.....	45 00
		Hebbert, C. M.....	..do.....	35 00
		Highley, Ruth.....	..do.....	30 00
		Hafto, J. A.....	..do.....	35 00
		Jewell, Minnie E.....	..do.....	35 00
		Johnston, J. H.....	..do.....	35 00
		Kernall, M. J.....	..do.....	40 00
		Lamkey, E. M. R.....	..do.....	35 00
		Linkins, R. H.....	..do.....	40 00
		Nebel, M. L.....	..do.....	35 00
		Palm, F. C.....	..do.....	30 00
		Partridge, N. K.....	..do.....	35 00
		Pasmore, D. F.....	..do.....	40 00
		Peterson, A.....	..do.....	40 00
		Russell, F. A.....	..do.....	40 00
		Russell, R. R.....	..do.....	30 00
		Sabin, Ethel.....	..do.....	45 00
		Schoepperle, Katherine.....	..do.....	30 00
		Scholl, Clarence.....	..do.....	40 00
		Stevens, W. E.....	..do.....	45 00
		Stowell, C. J.....	..do.....	35 00
		Stunkard, H. W.....	..do.....	40 00

## RESEARCH VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
R 268	1916 Jan. 13	Westergaard, H. M.	Salary	\$50 00
Cld.		Spindler, G. W.	do	50 00
		Allen, O. W.	do	25 00
		Amsterdam, Harry	do	25 00
		Booth, H. T.	do	25 00
		Cullum, W. H.	do	25 00
		Davidson, L. J.	do	25 00
		Dole, Lillian D.	do	25 00
		Harris, Olive	do	25 00
		Jennings, W. W.	do	25 00
		Maddock, Kathryn	do	25 00
		Marvel, C. S.	do	25 00
		Morgan, Effie	do	25 00
		Murray, F. H.	do	25 00
		Nordby, J. E.	do	25 00
		O'Conner, Ethel	do	25 00
		Omsted, Margaret	do	25 00
		Parker, E. K.	do	25 00
		Ripley, L. B.	do	25 00
		Scofield, Harriet	do	25 00
		Seller, E. F.	do	25 00
		Sendenburgh, Edith	do	25 00
		Smith, M. G.	do	25 00
		Smith, E. J.	do	25 00
		Sweeney, M. A.	do	25 00
		Trowbridge, Mary	do	25 00
		Wait, Bernice	do	25 00
		Williams, D. W.	do	25 00
		Henry, T. S.	do	10 00
		Schuette, T. H.	do	10 00
		McComis, S. J.	do	10 00
R 269	..do...	H. S. Capron, Treasurer	Material furnished from University storeroom	\$169 46
R 270	Jan. 14	Illinois State Reformatory	Printing	15 00
R 271	..do...	Reliable Plumbing & Heating Co.	General supplies	15 80
R 272	Jan. 18	M. E. Thompson, Cashier	Express bills	5 74
R 273	..do...	M. E. Thompson, Cashier	Labor bills	46 50
R 274	..do...	M. E. Thompson, Cashier	do	11 25
R 275	Jan. 19	N. D. Mereness	Salary, December, 1915	21 65
R 276	..do...	Driver-Harris Wire Co.	Laboratory supplies	3 95
R 277	..do...	Asa L. Shipman's Sons	General supplies	3 20
R 278	..do...	A. S. Nelson & Sons	do	1 10
R 279	..do...	G. T. Flom	Traveling expenses	6 97
R 280	..do...	J. C. Gabel	Angle iron	6 00
R 281	..do...	Taylor Hardware Co.	General supplies	8 26
R 282	Jan. 20	Pay roll	January, 1916	150 00
		Zippodt, Ella	Salary	\$ 50 00
		Voight, Lida E.	do	100 00
R 283	..do...	E. E. Bauer	Salary December 24-January 15	15 60
R 284	..do...	J. A. Romig	do	36 90
R 285	..do...	T. H. Wehrle	do	14 10
R 286	..do...	O. R. Clements	do	5 40
R 287	..do...	J. F. Gauger	do	9 00
R 288	..do...	P. G. Planalp	do	17 00
R 289	..do...	G. E. Stechert & Co	Books	9 67
R 290	..do...	Theodore C. Pease	Traveling expenses	33 91
R 291	Jan. 22	Taylor Hardware Co.	General supplies	5 85
R 292	..do...	The Falk Co.	do	16 45
R 293	..do...	Concrete-Steel Products Co.	do	164 00
R 294	..do...	Twin City Printing Co.	Printing	147 06
R 295	Jan. 24	G. R. Grubb & Co.	Zinc etching	1 25
R 296	..do...	Swartz Electric Shop	Electric supplies	18 22
R 297	..do...	Geo. Banta Publishing Co	Publication	55 10
R 298	..do...	Security Real Estate Co	Premium	15 00
R 299	Jan. 26	M. E. Thompson, Cashier	Sundry bills	4 18
R 300	..do...	M. E. Thompson, Cashier	Labor bills	34 60
R 301	..do...	M. E. Thompson, Cashier	do	17 85
R 302	..do...	Ernst Hertzberg & Sons	Books	6 27
R 303	..do...	Ernest J. Oslar	Laboratory supplies	15 00
R 304	..do...	New Jersey Entomological Co	do	6 50
R 305	..do...	Illinois State Reformatory	Printing	6 90
R 306	Jan. 28	Geo. Banta Publishing Co	do	296 32
R 307	Jan. 29	The Leeds & Northrup Co.	Galvanometer	98 00
R 308	..do...	Barnes-Crosby Co.	Zinc diagrams	3 72
R 309	Jan. 31	H. S. Capron, Treasurer	Material furnished from University storeroom	39 05
R 310	..do...	Electric Appliance Co.	Copper wire	9 33
R 311	..do...	The University of Illinois Supply Store	Books	1 08

## RESEARCH VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1916			
R 312	Feb. 1	C. A. Brumley	Salary, January, 1916	\$ 65 00
R 313	Feb. 2	Theodore C. Pease	Traveling expenses	23 25
R 314	Feb. 5	M. E. Thompson, Cashier	Express bills	3 07
R 315	do.	M. E. Thompson, Cashier	Labor bills	15 60
R 316	Feb. 7	R. D. Zeitler	Salary, January, 1916	50 00
R 317	do.	E. Wichers	do	40 00
R 318	do.	M. C. Weaver	do	75 00
R 319	do.	Chas. H. Shipley	do	50 00
R 320	do.	V. E. Shelford	Museum specimen	30 00
R 321	do.	H. W. Wilson Co.	Subscription	25 00
R 322	do.	T. D. Yensen	Traveling expenses	8 00
R 323	do.	A. S. Nelson & Sons	General supplies	2 62
R 324	do.	Twin City Ice & Cold Storage Co	Storage	64 34
R 325	do.	The Elliott Co.	General supplies	1 08
R 326	do.	J. L. Fidler Motor Co.	Tubing	4 00
R 327	do.	W. W. Walls & Co.	General supplies	2 50
R 328	do.	M. E. Thompson, Cashier	Labor bills	76 85
R 329	do.	M. E. Thompson, Cashier	do	7 05
R 330	Feb. 8	T. H. Wehrle	Wages, January, 1916	16 20
R 331	do.	J. A. Romig	do	15 60
R 332	do.	E. E. Bauer	do	22 50
R 333	do.	E. G. Flanalp	do	4 25
R 334	do.	E. M. Colvin	do	49 00
R 335	Feb. 9	J. T. Baker Chemical Co.	Potash	5 75
R 336	Feb. 11	Pennsylvania Flexible Metallic Tubing Co.	General supplies	9 30
R 337	do.	Marine Biological Laboratory	Rent	100 00
R 338	do.	A. J. Nickerson	Wages, January, 1916	65 00
R 339	do.	George Banta Publishing Co.	Printing	10 00
R 340	Feb. 14	M. E. Thompson, Cashier	Labor bills	68 35
R 341	do.	Louden & Flaningam	Printing	8 00
R 342	Feb. 15	The Falk Co.	Machine repairs	17 00
R 343	do.	E. A. Holbrook	Traveling expenses	12 98
R 344	do.	Pantagraph Printing & Stationery Co.	Printing	498 58
R 345	Feb. 16	The Burr Co.	Iron plate	9 09
R 346	do.	E. K. Robeson	Oil cloth	5 40
R 347	do.	Leavitt Mfg. Co.	General supplies	3 20
R 348	do.	C. W. Johnson	Galvanized pans	4 15
R 349	do.	Charles M. Webber	Postage	7 27
R 350	do.	Pay roll	February, 1916	150 00
		Volght, Lida E.	Salary	\$100 00
		Zippert, Ella R.	do	50 00
R 351	Feb. 17	Pay roll	February, 1916	5,148 31
		Dunn, H. H.	Salary	\$133 33
		Kratz, A. P.	do	150 00
		Moore, H. F.	do	250 00
		Slater, W. A.	do	166 66
		Yensen, T. D.	do	200 00
		Gonnerman, H. F.	do	150 00
		Wilson, L. A.	do	125 00
		Parr, S. W.	do	166 66
		Beyer, O. S.	do	166 66
		Sale, C. S.	do	125 00
		Gatwood, W. A.	do	50 00
		Lichty, L. C.	do	50 00
		Lukens, W. P.	do	50 00
		Young, E. G.	do	50 00
		Driffin, J. O.	do	50 00
		Ordonez, B. R.	do	50 00
		Templin, R. L.	do	50 00
		Weiss, Camillo	do	50 00
		Kirkpatrick, F. A.	do	50 00
		Tanabe, S. F.	do	50 00
		Larson, L. F.	do	50 00
		Mylius, L. A.	do	50 00
		Fritz, H. F.	do	50 00
		Kinley, David	do	500 00
		Walker, Q. F.	do	60 00
		Robinson, R. P.	do	30 00
		Kile, Jessie J.	do	80 00
		Albrecht, W. A.	do	35 00
		Anderson, A. J. A.	do	35 00
		Ball, T. R.	do	40 00
		Brady, St. Elmo	do	40 00
		Burton, L. V.	do	50 00
		Chandler, W. M. A.	do	30 00
		Clark, F. E.	do	40 00
		Clark, Helen	do	40 00

## RESEARCH VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount
R 351	1916 Feb. 17	Cooke, D. G.	Salary	\$35 00
R 351	Feb. 17	Cooper, A. R.	do.	50 00
R 351	Feb. 17	Crooker, S. F.	do.	35 00
R 351	Feb. 17	Debel, N. H.	do.	40 00
R 351	Feb. 17	Elliott, J. A.	do.	40 00
R 351	Feb. 17	Engle, E. W.	do.	40 00
R 351	Feb. 17	Garman, Phillip	do.	40 00
R 351	Feb. 17	Griffin, C. E.	do.	35 00
R 351	Feb. 17	Guild, F. H.	do.	45 00
R 351	Feb. 17	Hebbert, C. M.	do.	35 00
R 351	Feb. 17	Highley, Ruth	do.	30 00
R 351	Feb. 17	Hotto, J. A.	do.	35 00
R 351	Feb. 17	Jewell, Minnie E.	do.	35 00
R 351	Feb. 17	Johnston, J. H.	do.	35 00
R 351	Feb. 17	Kernall, M. F.	do.	40 00
R 351	Feb. 17	Lamkey, E. M. R.	do.	35 00
R 351	Feb. 17	Linkins, R. H.	do.	40 00
R 351	Feb. 17	Nebel, M. L.	do.	35 00
R 351	Feb. 17	Palm, F. C.	do.	30 00
R 351	Feb. 17	Partridge, N. K.	do.	35 00
R 351	Feb. 17	Pasmore, D. F.	do.	40 00
R 351	Feb. 17	Peterson, A.	do.	40 00
R 351	Feb. 17	Russell, F. A.	do.	40 00
R 351	Feb. 17	Russell, R. R.	do.	30 00
R 351	Feb. 17	Sabin, Ethel	do.	45 00
R 351	Feb. 17	Schoepperle, Katherine	do.	30 00
R 351	Feb. 17	Scholl, Clarence	do.	40 00
R 351	Feb. 17	Stevens, W. E.	do.	45 00
R 351	Feb. 17	Stowell, C. J.	do.	35 00
R 351	Feb. 17	Stunkard, H. W.	do.	40 00
R 351	Feb. 17	Westergaard, H. M.	do.	50 00
R 351	Feb. 17	Spindler, G. W.	do.	50 00
R 351	Feb. 17	Allen, O. W.	do.	25 00
R 351	Feb. 17	Amsterdam, Harry	do.	25 00
R 351	Feb. 17	Booth, H. T.	do.	25 00
R 351	Feb. 17	Cullum, W. H.	do.	25 00
R 351	Feb. 17	Davidson, L. J.	do.	25 00
R 351	Feb. 17	Dole, Lillian D.	do.	25 00
R 351	Feb. 17	Harris, Olive	do.	25 00
R 351	Feb. 17	Maddock, Kathryn	do.	25 00
R 351	Feb. 17	Marvel, C. S.	do.	25 00
R 351	Feb. 17	Morgan, Effie	do.	25 00
R 351	Feb. 17	Murray, F. H.	do.	25 00
R 351	Feb. 17	Nordby, J. E.	do.	25 00
R 351	Feb. 17	O'Conner, Ethel	do.	25 00
R 351	Feb. 17	Omsted, Margaret	do.	25 00
R 351	Feb. 17	Parker, E. K.	do.	25 00
R 351	Feb. 17	Ripley, L. B.	do.	25 00
R 351	Feb. 17	Scofield, Harriet	do.	25 00
R 351	Feb. 17	Seiler, E. F.	do.	25 00
R 351	Feb. 17	Sendenburgh, Edith	do.	25 00
R 351	Feb. 17	Smith, E. J.	do.	25 00
R 351	Feb. 17	Smith, M. G.	do.	25 00
R 351	Feb. 17	Sweeney, M. A.	do.	25 00
R 351	Feb. 17	Trowbridge, Mary	do.	25 00
R 351	Feb. 17	Wait, Bernice	do.	25 00
R 351	Feb. 17	Williams, D. W.	do.	25 00
R 351	Feb. 17	Henry, T. S.	do.	10 00
R 351	Feb. 17	Schuette, T. H.	do.	10 00
R 351	Feb. 17	McComis, S. J.	do.	10 00
R 352	..do...	M. E. Thompson, Cashier	Labor bills.	\$ 27 60
R 353	..do...	Lewis M. Ellison	Draft gages.	22 58
R 354	..do...	Johnson Service Co.	General supplies	152 34
R 355	..do...	New Jersey Entomological Co.	do.	8 00
R 356	Feb. 18	Flanigan-Pearson Co.	Printing	2 00
R 357	Feb. 19	The Globe-Wernicke Co.	Laboratory apparatus	3 96
R 358	..do...	Elmer & Amend	General supplies	9 32
R 359	Feb. 22	M. E. Thompson, Cashier	Labor bills.	9 41
R 360	..do...	M. E. Thompson, Cashier	Express bills.	2 28
R 361	..do...	T. D. Yensen	Traveling expenses.	7 74
R 362	..do...	C. S. Sale	do.	14 54
R 363	Feb. 23	The Burr Co.	General supplies	7 59
R 364	..do...	Central Electric Co.	do.	3 81
R 365	..do...	J. C. Gabel	Laboratory apparatus	3 00
R 366	..do...	National Coil Co.	do.	37 50
R 367	..do...	The Splitdorf Electrical Co.	Electric supplies	90 00
R 368	..do...	S. E. Huff & Co.	Cypress	2 75
R 369	..do...	Jessie J. Kile	Traveling expenses	4 97

## RESEARCH VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
R 370	1916 Feb. 23	The Century History Co.	Books	\$ 5 00
R 371	..do.	Theodore C. Pease	Traveling expenses	26 00
R 372	..do.	E. E. Bauer	Wages, February	18 65
R 373	..do.	J. A. Romig	..do.	24 60
R 374	..do.	T. H. Wehrle	..do.	14 70
R 375	..do.	Flanigan-Pearson Co.	Printing	350 36
R 376	..do.	P. S. Campbell	..do.	24 75
R 377	Feb. 26	M. E. Thompson, Cashier	Miscellaneous bills	4 47
R 378	..do.	M. E. Thompson, Cashier	Labor bills	12 80
R 379	..do.	M. E. Thompson, Cashier	..do.	20 75
R 380	..do.	Geo. Banta Publishing Co.	Printing	7 50
R 381	Feb. 28	S. Walker	Wages, February, 1916	28 50
R 382	..do.	R. S. Zeitler	..do.	50 00
R 383	Feb. 29	G. R. Grubb & Co.	Laboratory supplies	36 20
R 384	..do.	A. C. McClurg & Co.	Books	19 64
R 385	..do.	Ernst Hertzberg & Sons	..do.	32 41
R 386	..do.	Charles O. Waterhouse	General supplies	1 33
R 387	..do.	J. M. Lindgren	Services	11 00
R 388	..do.	Bancroft & Whitney Co.	Books	5 00
R 389	..do.	H. S. Capron, Treasurer	Material furnished from University storeroom	1 50
R 391	..do.	M. E. Thompson, Cashier	Labor bills	83 87
R 392	..do.	Reliable Plumbing & Heating Co.	General supplies	106 80
R 393	..do.	Rabbino Maggiore Donato Camerini	Books	13 54
R 394	..do.	M. E. Thompson, Cashier	Labor bills	8 60
R 395	..do.	C. A. Bramley	Salary, February, 1916	15 60
R 396	Mar. 3	E. E. Bauer	Wages, February, 1916	62 50
R 397	..do.	J. A. Romig	..do.	14 10
R 398	..do.	T. H. Wehrle	..do.	14 10
R 399	..do.	Olen R. Clements	..do.	13 50
R 400	..do.	D. F. Heath	..do.	18 60
R 401	..do.	Miriam Bennett	..do.	25 50
R 402	..do.	E. Wichers	..do.	14 40
R 403	Mar. 7	M. E. Thompson, Cashier	Labor bills	40 00
R 404	..do.	M. E. Thompson, Cashier	..do.	7 50
R 405	Mar. 9	A. J. Nickerson	Salary, February, 1916	50 00
R 406	..do.	Chas. H. Shipley	..do.	62 50
R 407	..do.	M. C. Weaver	..do.	48 00
R 408	..do.	Ralph M. Netz	..do.	66 00
R 409	..do.	Baker & Co.	Wages, February, 1916	26 00
R 410	..do.	McGraw-Hill Book Co.	Laboratory supplies	31 34
R 411	..do.	Julius Pearson	Books	1 70
R 412	..do.	Theodore C. Pease	Laboratory supplies	33 00
R 413	..do.	Leavitt Mfg. Co.	Traveling expenses	18 70
R 414	..do.	Oldham Brothers	Laboratory supplies	13 20
R 415	..do.	Kokomo Electric Co.	Alcohol	3 25
R 416	..do.	Bosch Magneto Co.	Batteries	17 50
R 417	..do.	George Banta Publishing Co.	Magneto	25 00
R 418	Mar. 10	M. E. Thompson, Cashier	Reprints	7 16
R 419	..do.	M. E. Thompson, Cashier	Labor bills	35 90
R 420	..do.	M. E. Thompson, Cashier	..do.	40 95
R 421	..do.	M. E. Thompson, Cashier	Express bills	8 11
R 422	Mar. 13	George Banta Publishing Co.	Printing	327 46
R 423	..do.	Illinois State Reformatory	..do.	40 35
R 424	..do.	Maud Sieenthal	Services	75 00
R 425	..do.	James G. Biddle	Pyrometer repairs	8 00
R 426	..do.	Henry B. Ward	Traveling expenses	3 17
R 427	Mar. 14	H. S. Capron, Treasurer	Material furnished from University storeroom	19 20
R 428	..do.	J. M. Lindgren	Services	150 00
R 429	..do.	L. M. Larson	Traveling expenses	3 57
R 430	..do.	McIntosh Stereopticon Co.	Mazda lamps	31 50
R 431	..do.	Ernst Hertzberg & Sons	Freight	53 41
R 432	Mar. 16	Pay roll	March, 1916	120 37
R 433	..do.	Voigt, Lida E.	Salary	\$100 00
R 434	..do.	Zippodt, Ella E.	..do.	20 37
R 435	..do.	Pay roll	March, 1916	4,628 31
R 436	..do.	Dunn, H. H.	Salary	\$133 33
R 437	..do.	Kratz, A. P.	..do.	150 00
R 438	..do.	Moore, H. F.	..do.	250 00
R 439	..do.	Slater, W. A.	..do.	166 66
R 440	..do.	Yensen, T. D.	..do.	200 00
R 441	..do.	Gonnerman, H. F.	..do.	150 00
R 442	..do.	Wilson, L. A.	..do.	125 00
R 443	..do.	Parr, S. W.	..do.	166 66
R 444	..do.	Beyer, O. S.	..do.	166 66
R 445	..do.	Sale, C. S.	..do.	125 00
R 446	..do.	Gatwood, W. A.	..do.	50 00



## RESEARCH VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
R Ctd.	1916 Mar. 16	Liechty, L. C.	Salary	\$50 00
		Lukens, W. F.	do	50 00
		Louie, E. G.	do	50 00
		Oradim, J. O.	do	50 00
		Ordonez, B. R.	do	50 00
		Remplin, R. L.	do	50 00
		Weiss, Camilo.	do	50 00
		Kirkpatrick, F. A.	do	50 00
		Jennabe, S. J.	do	50 00
		Larson, L. J.	do	50 00
		Mylius, L. A.	do	50 00
		Krtitz, H. F.	do	50 00
		Walker, David.	do	50 00
		Robinson, R. J.	do	50 00
		Kile, Jesse J.	do	50 00
		Albrecht, W. A.	do	35 00
		Anderson, A. J. A.	do	35 00
		Bull, J. R.	do	40 00
		Brady, St. Dimo.	do	40 00
		Chunton, L. V.	do	50 00
		Chunton, E. M. A.	do	30 00
		Clark, F. E.	do	40 00
		Clark, Helen.	do	40 00
		Cooke, D. R.	do	35 00
		Cooke, A. R.	do	35 00
		Cooker, S. J.	do	35 00
		Daniel, M. H.	do	40 00
		Elmer, J. W.	do	40 00
		Engle, E.	do	40 00
		Graham, Philip.	do	40 00
		Giffin, O. E.	do	35 00
		Gullit, F. H.	do	40 00
		Hebert, C. M.	do	35 00
		Hiege, Ruth.	do	35 00
		Hoff, J. A.	do	35 00
		Joyell, Marie E.	do	35 00
		Johnson, M. H.	do	35 00
		Kennell, M. T.	do	40 00
		Lonkey, E. M. R.	do	35 00
		Lanthe, R. H.	do	40 00
		Nobel, M. T.	do	35 00
		Pahn, F. C.	do	30 00
		Partridge, N. K.	do	35 00
		Pasmore, D. F.	do	40 00
		Peterson, A.	do	40 00
		Russell, F. A.	do	40 00
		Russell, R. R.	do	30 00
		Sabin, Ethel.	do	45 00
		Schoepferle, Katherine.	do	30 00
		Scholl, Clarence.	do	40 00
		Stevens, W. E.	do	45 00
		Stowell, C. J.	do	35 00
		Stunkard, H. W.	do	40 00
		Westergaard, H. M.	do	50 00
		Spindler, G. W.	do	50 00
		Allen, O. W.	do	25 00
		Amsterdam, Harry.	do	25 00
		Booth, H. F.	do	25 00
		Cullum, W. H.	do	25 00
		Davidson, L. J.	do	25 00
		Dole, Lillian.	do	25 00
		Harris, Olive.	do	25 00
		Maddock, Kathryn.	do	25 00
		Marrel, G. S.	do	25 00
		Morgan, Ette.	do	25 00
		Murray, F. H.	do	25 00
		Nordby, J. E.	do	25 00
		O'Connor, Ethel.	do	25 00
		Onsted, Margaret.	do	25 00
		Ripley, L. B.	do	25 00
		Schofield, Harriet.	do	25 00
		Selzer, E. F.	do	25 00
		Sendenbungh, Edith.	do	25 00
		Smith, E. J.	do	25 00
		Smith, W. G.	do	25 00
		Sweeney, M. A.	do	25 00
		Trowbridge, Mary.	do	25 00
		Walt, Bernice.	do	25 00

## RESEARCH VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
R 432	1916 Mar. 16	Williams, D. W.	Salary.	\$25 00
Cld.		Henry, T. S.	do.	10 00
		Schuete, T. H.	do.	10 00
		McComis, S. J.	do.	10 00
R 433	..do..	Pay roll	do.	\$500 00
		Kinley, David	do.	
R 434	Mar. 18	M. E. Thompson, Cashier	Labor bills.	67 06
R 435	..do..	M. E. Thompson, Cashier	Express bills.	9 82
R 436	Mar. 20	Flanigan-Pearson Co.	Printing.	119 39
R 437	..do..	Illinois State Reformatory	do.	6 75
R 438	Mar. 21	J. W. Butler Paper Co.	Printing.	25 19
R 439	..do..	George Banta Publishing Co.	do.	44 89
R 440	Mar. 22	E. E. Bauer	Wages, March, 1916	16 80
R 441	..do..	J. A. Romig	do.	17 10
R 442	..do..	T. H. Wehrle	do.	14 70
R 443	..do..	O. R. Clements	do.	5 70
R 444	..do..	D. F. Heath	do.	15 00
R 445	Mar. 23	J. Ray Gallagher & Co.	Galvanized iron	5 75
R 446	..do..	Hill Mfg. Co.	Spark plugs	4 50
R 447	..do..	Jessie J. Kile	Traveling expenses	9 67
R 448	..do..	Theodore C. Pease	do.	8 94
R 449	..do..	Edward C. Schmidt	do.	14 39
R 450	..do..	Central Electric Co.	Copper cable	3 23
R 451	..do..	Twin City Ice & Cold Storage Co.	Storage	42 25
R 452	..do..	E. H. Sargent & Co.	Chloride	3 03
R 453	..do..	Flat Iron Store Co.	General supplies	1 45
R 454	..do..	Leavitt Mfg. Co.	Tools	2 25
R 455	..do..	Mereness, Dr. Newton D.	Services	55 13
R 456	..do..	Illinois State Reformatory	Printing	90 80
R 457	Mar. 29	M. E. Thompson, Cashier	Labor bills.	58 45
R 458	..do..	M. E. Thompson, Cashier	do.	22 46
R 459	..do..	H. S. Capron, Treasurer	Material furnished from University storeroom	270 14
R 460	Mar. 30	The Big Four R. R. Co.	Freight	1 35
R 461	..do..	Brownfield & Turner	Laboratory supplies	2 50
R 462	Mar. 31	Maud Siebenthal	Salary, March	75 00
R 463	..do..	G. E. Stechert & Co.	Books	48 22
R 464	..do..	A. C. McClurg & Co.	do.	10 24
R 465	..do..	Goodspeed's Book Shop	do.	3 26
R 466	..do..	Henry Sotheran & Co.	do.	14 58
R 467	..do..	W. Heffer & Sons	do.	4 15
R 468	..do..	Gustav Fock	do.	3 50
R 469	..do..	Fernando Fe.	do.	3 92
R 470	..do..	Honore Champion	do.	31 21
R 471	..do..	Stipes & Hecker	Plaster comp	3 40
R 472	..do..	Inland Steel Co.	Laboratory supplies	23 16
R 473	..do..	Emil Borgmann	Books	24 00
R 474	..do..	Statute Law Book Co.	do.	64 50
R 475	..do..	B. F. Sanjurjo Vidal	do.	56 44
R 476	..do..	St. Louis Public Library	do.	10 24
R 477	..do..	International Magazine Co.	do.	23 33
R 478	..do..	Himebaugh & Browne	do.	2 40
R 479	..do..	The John Clark Co.	do.	5 15
R 480	..do..	Law Reporting Co.	do.	10 00
R 481	..do..	H. Poppelauer, Buchhandlung	do.	1 00
R 482	..do..	B. F. Stevens & Brown	do.	80 00
R 483	..do..	Hodges, Figgis & Co., Ltd.	do.	40 50
R 484	..do..	A. H. Mannee	Laboratory supplies	8 10
R 485	..do..	H. F. Wickham	do.	9 30
R 486	..do..	Brownfield & Turner	Crescent coal	2 40
R 487	..do..	M. E. Thompson, Cashier	Labor bills.	25 96
R 488	..do..	H. S. Capron, Treasurer	Material furnished from University storeroom	39 94
R 489	..do..	Osgood Co.	Halftones	24 66
R 490	Apr. 6	O. R. Clements	Wages, March, 1916	20 70
R 491	..do..	D. F. Heath	do.	12 90
R 492	..do..	A. E. Mahannah	do.	5 40
R 493	..do..	Marion Manley	do.	3 85
R 494	..do..	M. C. Weaver	Wages	63 00
R 495	..do..	A. J. Nickerson	do.	67 50
R 496	Apr. 8	M. E. Thompson, Cashier	Express bills	5 57
R 497	Apr. 10	E. Wichers	Wages, March	40 00
R 498	..do..	Dr. Newton D. Mereness	do.	30 57
R 499	..do..	Leavitt Mfg. Co.	Laboratory supplies	20 37
R 500	..do..	The Burr Co.	do.	15 80
R 501	..do..	C. S. Sale	Traveling expenses	13 59
R 502	..do..	O. S. Beyer	do.	27 26
R 503	..do..	O. F. Davenport	Books	4 00

## RESEARCH VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1916			
R 504	Apr. 10	The Public Archives of Canada.....	Books.....	\$ 26 70
R 505	..do...	Vonnegut Book Shop.....	..do.....	2 00
R 506	..do...	E. H. Sargent & Co.....	Laboratory supplies.....	5 06
R 507	..do...	Bishop, Babcock, Becker Co.....	Laboratory apparatus.....	5 40
R 508	..do...	Chas. A. Hall Hardware Co.....	Laboratory supplies.....	1 40
R 509	..do...	The Thompson & Norris Co.....	General supplies.....	10 75
R 510	Apr. 12	The Wabash R. R. Co.....	Freight.....	1 58
R 511	..do...	The Boston Book Co.....	Books.....	75 00
R 512	..do...	The Bishop Babcock Becker Co.....	Laboratory apparatus.....	18 00
R 513	..do...	Lawrence M. Larson.....	Traveling expenses.....	6 42
R 514	..do...	Brownfield Turner.....	General supplies.....	1 40
R 515	..do...	Duncan Electric Mfg. Co.....	Electrical supplies.....	13 50
R 516	Apr. 13	M. E. Thompson, Cashier.....	Labor bills.....	114 55
R 517	Apr. 14	George Banta Publishing Co.....	Publications.....	23 75
R 518	..do...	M. E. Thompson, Cashier.....	Labor bills.....	140 00
R 519	Apr. 17	Barnes-Crosby Co.....	General supplies.....	426 44
R 520	Apr. 19	Pay roll.....	April, 1916.....	5,098 31
		Dunn, H. H.....	Salary.....	\$133 33
		Kratz, A. P.....	..do.....	150 00
		Mootre, H. F.....	..do.....	250 00
		Slater, W. A.....	..do.....	166 66
		Yensen, T. D.....	..do.....	200 00
		Gonnerman, H. F.....	..do.....	150 00
		Wilson, L. A.....	..do.....	125 00
		Parr, S. W.....	..do.....	166 66
		Beyer, O. S.....	..do.....	166 66
		Sale, C. S.....	..do.....	125 00
		Gatwood, W. A.....	..do.....	50 00
		Lichty, L. C.....	..do.....	50 00
		Lukens, W. P.....	..do.....	50 00
		Young, E. G.....	..do.....	50 00
		Draffin, J. O.....	..do.....	50 00
		Ordonez, B. R.....	..do.....	50 00
		Templin, R. L.....	..do.....	50 00
		Weiss, Camillo.....	..do.....	50 00
		Kirkpatrick, F. A.....	..do.....	50 00
		Tanabe, S. F.....	..do.....	50 00
		Larson, L. J.....	..do.....	50 00
		Mylius, L. A.....	..do.....	50 00
		Fritz, H. F.....	..do.....	50 00
		Kinley, David.....	..do.....	500 00
		Walker, Q. F.....	..do.....	60 00
		Robinson, R. P.....	..do.....	30 00
		Kile, Jessie J.....	..do.....	80 00
		Albrecht, W. A.....	..do.....	35 00
		Anderson, A. J. A.....	..do.....	35 00
		Ball, T. R.....	..do.....	40 00
		Brady, St. Elmo.....	..do.....	40 00
		Burton, L. V.....	..do.....	50 00
		Chandler, E. M. A.....	..do.....	30 00
		Clark, F. E.....	..do.....	40 00
		Clark, Helen.....	..do.....	40 00
		Cooke, D. G.....	..do.....	35 00
		Cooper, A. R.....	..do.....	50 00
		Crooker, S. J.....	..do.....	35 00
		Debel, N. H.....	..do.....	40 00
		Elliott, J. A.....	..do.....	40 00
		Engle, E. W.....	..do.....	40 00
		Garman, Phillip.....	..do.....	40 00
		Griffin, C. E.....	..do.....	35 00
		Guild, F. H.....	..do.....	45 00
		Hebbert, C. M.....	..do.....	35 00
		Higley, Ruth.....	..do.....	30 00
		Hafto, J. A.....	..do.....	35 00
		Jewell, Minnie E.....	..do.....	35 00
		Johnston, J. H.....	..do.....	35 00
		Kernall, M. J.....	..do.....	40 00
		Lamkey, E. M. R.....	..do.....	35 00
		Linkins, R. H.....	..do.....	40 00
		Nebel, M. L.....	..do.....	35 00
		Palm, F. C.....	..do.....	30 00
		Partridge, N. K.....	..do.....	35 00
		Pasmore, D. F.....	..do.....	40 00
		Peterson, A.....	..do.....	40 00
		Russell, F. A.....	..do.....	40 00
		Russell, R. R.....	..do.....	30 00
		Sabin, Ethel.....	..do.....	45 00
		Schoepperle, Katherine.....	..do.....	30 00

## RESEARCH VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
R 520	1916 Apr. 19	Scholl, Clarence	Salary	\$40 00
Cld.		Stevens, W. E.	do	45 00
		Stowell, C. J.	do	35 00
		Stunkard, H. W.	do	40 00
		Westergaard, H. M.	do	50 00
		Spindler, G. W.	do	50 00
		Allen, O. W.	do	25 00
		Amsterdam, Harry	do	25 00
		Booth, H. T.	do	25 00
		Cullum, W. H.	do	25 00
		Davidson, L. J.	do	25 00
		Dole, Lillian	do	25 00
		Harris, Olive	do	25 00
		Maddock, Kathryn	do	25 00
		Marvel, C. S.	do	25 00
		Morgan, Effie	do	25 00
		Murray, F. H.	do	25 00
		Nordby, J. E.	do	25 00
		O'Conner, Ethel	do	25 00
		Omsted, Margaret	do	25 00
		Scofield, Harriet	do	25 00
		Seller, E. F.	do	25 00
		Sendenburgh, Edith	do	25 00
		Smith, E. J.	do	25 00
		Smith, M. G.	do	25 00
		Sweeney, M. A.	do	25 00
		Trowbridge, Mary	do	25 00
		Wait, Bernice	do	25 00
		Williams, D. W.	do	25 00
		Henry, T. S.	do	10 00
		Schuele, T. H.	do	10 00
		McComis, S. H.	do	10 00
R 521	..do...	Pay roll	April, 1916	\$215 00
		Peters, Nolen	do	\$ 65 00
		Voight, Lida E.	do	100 00
		Jones, Sadie	do	50 00
R 522	..do...	R. G. Freyer	Laboratory apparatus	11 00
R 523	..do...	Flanigan-Pearson Co.	Printing	3 75
R 524	Apr. 20	J. A. Romig	Wages	22 20
R 525	..do...	O. R. Clements	do	15 00
R 526	..do...	D. F. Heath	do	15 00
R 527	..do...	M. E. Thompson, Cashier	Labor bills	45 38
R 528	..do...	M. E. Thompson, Cashier	do	18 75
R 529	Apr. 27	M. E. Thompson, Cashier	do	10 50
R 530	..do...	M. E. Thompson, Cashier	do	66 21
R 531	..do...	O. S. Beyer	Traveling expenses	7 75
R 532	..do...	Edward C. Schmidt	do	23 95
R 533	..do...	The Cadmus Book Shop	Books	12 66
R 534	..do...	Duncan Electric Mfg. Co.	Electric supplies	4 40
R 535	..do...	Charles H. Besley & Co.	General supplies	4 11
R 536	..do...	Leavitt Mfg. Co.	do	18 40
R 537	..do...	Eimer & Amend	Laboratory supplies	10 61
R 538	..do...	The Burr Co.	General supplies	36 75
R 539	..do...	Weston Electrical Instrument Co.	Laboratory apparatus	52 80
R 540	..do...	R. G. Freyer	do	21 00
R 541	..do...	M. E. Thompson, Cashier	Express bills	7 82
R 542	Apr. 29	Julius King Optical Co.	General supplies	1 88
R 543	..do...	American Bridge Co.	do	125 00
R 544	..do...	G. R. Grubb & Co. Engravers	Publications	5 60
R 545	..do...	Miss Maud Siebenthal	Salary, April	75 00
R 546	..do...	H. S. Capron, Treasurer	Material furnished from University storeroom	156 76
R 547	May 4	H. B. McCluggage	Salary, April	28 00
R 548	..do...	A. J. Nickerson	do	62 50
R 549	..do...	C. A. Brumley	do	62 50
R 550	May 5	J. A. Romig	Wages, April	25 20
R 551	..do...	T. H. Wehrle	do	21 00
R 552	..do...	D. F. Heath	do	11 00
R 553	..do...	M. E. Thompson, Cashier	Labor bills	124 75
R 554	May 10	Osgood Co.	Publications	21 33
R 555	..do...	J. A. Brashear Co.	Laboratory apparatus	90 00
R 556	..do...	Henry Sotheran & Co.	Books	1 30
R 557	..do...	Mr. Maurice Simon	Labor	28 90
R 558	..do...	Librairie Honore Champion	Books	32 90
R 559	..do...	Otto Harrassowitz	do	3 14
R 560	..do...	Hodges-Figis Co.	do	7 30
R 561	..do...	McDevitt-Wilson's, Inc.	do	116 75
R 562	..do...	Statute Law Book Co.	do	29 00

## RESEARCH VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1916			
R 563	May 10	Northwestern University Library	Books	\$ 32 00
R 564	..do..	John Wiley & Sons, Inc.	..do..	5 20
R 565	..do..	McGraw-Hill Book Co.	..do..	2 70
R 566	..do..	The Cadmus Book Shop	..do..	23 75
R 567	..do..	L. Shephard	..do..	180 00
R 568	..do..	Harvard College Library	..do..	50 00
R 569	..do..	J. Gamber	..do..	14 49
R 570	..do..	University of Illinois Supply Store	..do..	1 50
R 571	..do..	G. E. Stechert & Co.	..do..	304 44
R 572	..do..	Big Four R. R.	Freight	3 84
R 573	..do..	A. C. McClurg & Co.	Books	59 32
R 574	..do..	The Hispanic Society of America	..do..	1 89
R 575	..do..	Leavitt Mfg. Co.	General supplies	62 80
R 576	May 15	Bernard Quartich	Library	26 23
R 577	..do..	Otto Harrassowitz	..do..	7 98
R 578	..do..	Honore Champion	..do..	1 44
R 579	..do..	J. Gamber	..do..	6 32
R 580	..do..	M. E. Thompson, Cashier	Labor	103 80
R 581	..do..	M. E. Thompson, Cashier	..do..	19 09
R 582	..do..	Dr. Newton D. Mereness	Expert services	26 80
R 583	..do..	Miss Sybil Norman	..do..	45 00
R 584	..do..	The University Press	Printing	7 25
R 585	May 16	The Burr Co.	Apparatus repairs	1 55
R 586	..do..	E. M. Smith & Co.	..do..	15 00
R 587	..do..	Acheson Graphite Co.	Laboratory supplies	9 88
R 588	..do..	Ionia Pottery Co.	General supplies	3 53
R 589	..do..	The Whitaker Paper Co.	..do..	26 51
R 590	..do..	Flanigan-Pearson Co.	Publications	415 99
R 591	May 18	Lamp Equipment Division, National Lamp Works of General Electric Co.	General supplies	8 25
R 592	..do..	Brownfield & Turner	..do..	1 25
R 593	..do..	Journal of Parasitology	Publications	25 00
R 594	..do..	Terre Haute Engraving Co.	..do..	374 03
R 595	..do..	Ernest Hertzberg & Sons	..do..	630 56
R 596	May 19	Hoskins Manufacturing Co.	General supplies	11 34
R 597	..do..	Leavitt Mfg. Co.	Apparatus repairs	12 05
R 598	..do..	M. E. Thompson, Cashier	Express	1 59
R 599	..do..	M. E. Thompson, Cashier	Student assistant	11 70
R 600	..do..	M. E. Thompson, Cashier	General labor	18 00
R 601	..do..	H. S. Capron, Treasurer	Material furnished from Univer- sity storeroom	97 13
R 602	..do..	Pay roll	May, 1916	5,073 31
		Dunn, H. H.	Salary	\$133 33
		Kratz, A. P.	..do..	150 00
		Moore, H. F.	..do..	250 00
		Slater, W. A.	..do..	166 66
		Yensen, T. D.	..do..	200 00
		Gonnerman, H. F.	..do..	150 00
		Wilson, L. A.	..do..	125 00
		Parr, S. W.	..do..	166 66
		Beyer, O. S.	..do..	166 66
		Sale, C. S.	..do..	125 00
		Gatwood, W. A.	..do..	50 00
		Lichty, L. C.	..do..	50 00
		Lukens, W. P.	..do..	50 00
		Young, E. G.	..do..	50 00
		Draffin, J. O.	..do..	50 00
		Ordonez, B. R.	..do..	50 00
		Templin, R. L.	..do..	50 00
		Weiss, Camille	..do..	50 00
		Kirpatrick, F. A.	..do..	50 00
		Tanabe, S. F.	..do..	50 00
		Larson, L. J.	..do..	50 00
		Fritz, H. F.	..do..	50 00
		Kinley, David	..do..	500 00
		Walker, Q. F.	..do..	60 00
		Robinson, R. P.	..do..	30 00
		Kile, Jessie J.	..do..	80 00
		Albrecht, W. A.	..do..	35 00
		Anderson, A. J. A.	..do..	35 00
		Ball, T. R.	..do..	40 00
		Brady, St. Elmo	..do..	40 00
		Burton, L. V.	..do..	50 00
		Chandler, E. M. A.	..do..	30 00
		Clark, F. E.	..do..	40 00
		Clark, Helen	..do..	40 00
		Cooke, D. C.	..do..	35 00
		Cooper, A. R.	..do..	50 00

## RESEARCH VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
R 602	1916 May 19	Crooker, S. J.	Salary	\$35 00
Cld.		Debel, N. H.	do.	40 00
		Elliott, J. A.	do.	40 00
		Engle, E. W.	do.	40 00
		Garman, Phillip.	do.	40 00
		Griffin, C. E.	do.	35 00
		Guild, F. H.	do.	45 00
		Hebbert, C. M.	do.	35 00
		Higley, Ruth	do.	30 00
		Hofo, J. A.	do.	35 00
		Jewell, Minnie E.	do.	35 00
		Johnston, J. H.	do.	35 00
		Kernall, M. J.	do.	40 00
		Lamkey, E. M. R.	do.	35 00
		Linkins, R. H.	do.	40 00
		Nebel, M. L.	do.	35 00
		Palm, F. C.	do.	30 00
		Partridge, N. K.	do.	35 00
		Pasmore, D. F.	do.	40 00
		Petersen, A.	do.	40 00
		Russell, P. A.	do.	40 00
		Russell, R. R.	do.	30 00
		Sabin, Ethel	do.	45 00
		Schoepperle, Katherine.	do.	30 00
		Scholl, Clarence	do.	40 00
		Stevens, W. E.	do.	45 00
		Stowell, C. J.	do.	35 00
		Stunkard, H. W.	do.	40 00
		Westergaard, H. M.	do.	50 00
		Spindler, G. W.	do.	50 00
		Allen, O. W.	do.	25 00
		Amsterdam, Harry	do.	25 00
		Booth, H. T.	do.	25 00
		Cullum, W. H.	do.	25 00
		Davidson, L. J.	do.	25 00
		Dole, Lillian D.	do.	25 00
		Harris, Olive	do.	25 00
		Maddock, Kathryn	do.	25 00
		Marvel, C. S.	do.	25 00
		Morgan, Effie	do.	25 00
		Murray, F. H.	do.	25 00
		Nordby, J. E.	do.	25 00
		O'Conner, Ethel	do.	25 00
		Omsted, Margaret	do.	25 00
		Ripley, L. B.	do.	25 00
		Scotfield, Harriet	do.	25 00
		Seiler, E. F.	do.	25 00
		Sendenburgh, Edith	do.	25 00
		Smith, E. J.	do.	25 00
		Smith, M. G.	do.	25 00
		Sweney, M. A.	do.	25 00
		Trowbridge, Mary	do.	25 00
		Wait, Bernice	do.	25 00
		Williams, D. W.	do.	25 00
		Henry, T. S.	do.	10 00
		Schuete, T. H.	do.	10 00
		McComis, S. J.	do.	10 00
R 603	..do...	Pay roll	May, 1916	\$215 00
		Peters, Helen	Salary	\$ 65 00
		Voight, Lida	do.	100 00
		Jones, Sadie	do.	50 00
R 604	May 23	M. E. Thompson, Cashier	Miscellaneous bills	5 57
R 605	..do...	M. E. Thompson, Cashier	do.	11 70
R 606	..do...	E. E. Bauer	Salary	14 70
R 607	..do...	J. A. Romig	do.	16 50
R 608	..do...	T. H. Wehrle	do.	15 00
R 609	..do...	Montgomery Ward & Co.	Laboratory apparatus	14 95
R 610	..do...	M. Schwab	Books	20 00
R 611	..do...	H. Hirschfeld	do.	49 00
R 612	..do...	H. Ehrentreu	do.	22 00
R 613	..do...	Brownfield & Turner	General supplies	3 75
R 614	..do...	Mr. E. Wichers	Expert services	40 00
R 615	May 29	Leavitt Mfg. Co.	General supplies	7 60
R 616	..do...	Osgood Co.	Publications	55 61
R 617	..do...	M. E. Thompson, Cashier	Miscellaneous	15 00
R 618	..do...	M. E. Thompson, Cashier	do.	36 22
R 619	..do...	Geo. Banta Publishing Co.	Printing	281 44
R 620	..do...	Louden & Flaningam	Publications	3 75

## RESEARCH VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
<b>1916</b>				
R 621	May 31	C. M. Young.....	Traveling expenses.....	\$ 15 25
R 622	.do.	Houghton Hiflin Co.....	Books.....	4 73
R 623	.do.	J. M. Lindgren.....	Publications.....	21 00
R 624	.do.	Tauden & Flaninam.....	Printing.....	2 25
R 625	.do.	Ideal Coated Paper Co.....	General supplies.....	6 14
R 626	.do.	Linde Air Product Co.....	.do.....	1 50
R 627	.do.	American Steel & Wire Co.....	.do.....	1 69
R 628	.do.	Chas. A. Sterlinger Co.....	.do.....	7 31
R 629	.do.	Great Western Mfg. Co.....	Laboratory apparatus.....	55 00
R 630	.do.	Keuffel & Esser Co.....	.do.....	11 20
R 631	.do.	Armstrong-Blum Mfg. Co.....	Machine and tools.....	53 65
R 632	.do.	New Britain Machine Co.....	Furniture and fixtures.....	16 25
R 633	.do.	A. S. Nelson & Sons.....	General supplies.....	1 98
R 634	.do.	C. A. Roberts Co.....	.do.....	13 67
R 635	.do.	Crane Co.....	.do.....	13 61
R 636	.do.	Flanigan-Pearson Co.....	Publications.....	11 00
R 637	.do.	H. S. Capron, Treasurer.....	Material furnished from University storeroom.....	14 42
R 638	.do.	G. E. Stechert & Co.....	Books.....	61 40
R 639	June 1	Osgood Co.....	Publications.....	12 02
R 640	.do.	A. C. McClurg & Co.....	Books.....	4 52
R 641	.do.	Lucien Gougy.....	.do.....	5 27
R 642	.do.	Luzac & Co.....	.do.....	50 97
R 643	.do.	Miss Sybil Norman.....	Expert service.....	45 00
R 644	.do.	H. S. Capron, Treasurer.....	Material furnished from University storeroom.....	120 34
R 645	.do.	Louden & Flaninam.....	Publications.....	2 75
R 646	.do.	M. E. Thompson, Cashier.....	Miscellaneous.....	6 60
R 647	.do.	M. E. Thompson, Cashier.....	.do.....	1 25
R 648	June 8	Peck & Hills Furniture Co.....	Laboratory apparatus.....	10 29
R 649	.do.	Victoriano Suarez.....	Books.....	1 50
R 650	.do.	A. C. McClurg & Co.....	.do.....	8 78
R 651	.do.	J. A. Romig.....	Wages.....	12 90
R 652	.do.	E. E. Bauer.....	.do.....	21 30
R 653	.do.	T. H. Wehrle.....	.do.....	13 00
R 654	.do.	D. F. Heath.....	.do.....	15 60
R 655	.do.	William E. Andrews.....	Museum specimens.....	100 00
R 656	.do.	M. E. Wichers.....	Expert services.....	40 00
R 657	.do.	Pompeo Sansaini.....	Books.....	12 76
R 658	.do.	Mr. Morrice Simon.....	Copying Mss.....	28 90
R 659	.do.	Lucien Gougy.....	Books.....	23 50
R 660	.do.	H. H. Dunn.....	Traveling expenses.....	2 65
R 661	.do.	H. H. Stock.....	.do.....	33 43
R 662	.do.	C. M. McConn.....	.do.....	61 75
R 663	.do.	M. E. Thompson, Cashier.....	Miscellaneous.....	37 65
R 664	.do.	Louden & Flaninam.....	Printing.....	5 25
R 665	June 12	Geo. Banta Publishing Co.....	Difference between freight and express to Urbana.....	4 90
R 666	.do.	Miss Sybil Norman.....	Expert services.....	45 00
R 667	.do.	Dr. N. D. Mereness.....	.do.....	27 62
R 668	.do.	Pratt Institute Free Library.....	General supplies.....	2 05
R 669	.do.	State Historical Society of Iowa.....	.do.....	2 80
R 670	.do.	Royal A. Stipes.....	.do.....	16 50
R 671	.do.	Twin City Roofing Co.....	.do.....	4 00
R 672	.do.	Hodges, Figgis & Co.....	Books.....	6 60
R 673	.do.	Fernando Fe.....	.do.....	81 49
R 674	.do.	Big Four Ry. Co., Urbana.....	Freight.....	12 36
R 675	.do.	M. E. Thompson, Cashier.....	Miscellaneous.....	81 61
R 676	.do.	M. E. Thompson, Cashier.....	.do.....	55 80
R 677	.do.	Pantagraph Printing & Stationery Co.....	Publications.....	677 53
R 678	June 13	J. J. Hall & Son.....	Desk.....	30 38
R 679	.do.	Leavitt Mfg. Co.....	General supplies.....	9 20
R 680	.do.	Underwood Typewriter Co.....	Typewriters.....	27 50
R 681	.do.	C. M. Young.....	Traveling expenses.....	22 61
R 682	.do.	Osgood Engraving Co.....	Publications.....	17 28
R 683	.do.	The Globe-Wernicke Co.....	Storage cases.....	3 96
R 684	.do.	Jessie J. Kile.....	Traveling expenses.....	13 20
R 685	.do.	Rogers & Hall.....	Publications.....	614 82
R 686	June 14	M. E. Thompson, Cashier.....	Miscellaneous.....	16 60
R 687	.do.	M. E. Thompson, Cashier.....	.do.....	8 00
R 688	.do.	M. E. Thompson, Cashier.....	.do.....	33 30
R 689	.do.	E. H. Sargent & Co.....	Laboratory supplies.....	3 94
R 690	.do.	Angle Steel Stool Co.....	Furniture and fixtures.....	2 84
R 691	.do.	Olen R. Clements.....	Wages.....	18 00
R 692	.do.	B. W. Fairbanks.....	.do.....	19 00
R 693	.do.	D. F. Heath.....	.do.....	21 00
R 694	.do.	H. S. Capron, Treasurer.....	Material furnished from University storeroom.....	128 72

## RESEARCH VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1916			
R 695	June 16	C. M. Young	Traveling expenses	\$ 16 15
R 696	..do...	John Wiley & Sons	Books	2 17
R 697	..do...	Central Scientific Co.	Laboratory supplies	20 00
R 698	..do...	New Jersey Meter Co.	Drill-o-meter	75 00
R 699	..do...	Twin City Roofing Co.	General supplies	7 25
R 700	..do...	The Plant World	Laboratory supplies	8 20
R 701	..do...	Wausau Quartz Co.	..do	7 50
R 702	..do...	H. B. McLuggage	Expert services	42 00
R 703	June 19	Graham Bros.	Laboratory supplies	3 43
R 704	..do...	Stewart-Warner Speedometer Co.	..do	6 67
R 705	..do...	Wisconsin Historical Society	Expert services	99 05
R 706	..do...	D. H. Lloyd	Office supplies	1 20
R 707	..do...	Chas. M. Samson	City directory	5 00
R 708	..do...	Leavitt Mfg. Co.	General supplies	19 71
R 709	..do...	H. H. Dunn	Traveling expenses	14 89
R 710	..do...	M. E. Thompson, Cashier	Miscellaneous	15 75
R 711	..do...	Pay roll	June, 1916	215 00
		Peters, Helen	Salary	\$ 65 00
		Voight, Lida E.	..do	100 00
		Jones, Sadie	..do	50 00
R 712	..do...	Pay roll	June, 1916	12,797 35
		Young, C. M.	Salary	\$200 00
		Dunn, E. H.	..do	133 33
		Kratz, A. P.	..do	150 00
		Moore, H. F.	..do	250 00
		Slater, W. A.	..do	166 66
		Yensen, T. D.	..do	200 00
		Gonnerman, H. F.	..do	150 00
		Wilson, L. A.	..do	125 00
		Bart, S. W.	..do	166 66
		Beyer, O. S.	..do	166 66
		Sale, C. S.	..do	125 00
		Gatwood, W. A.	..do	50 00
		Lichty, L. C.	..do	50 00
		Lukens, W. P.	..do	50 00
		Young, E. G.	..do	50 00
		Driffin, J. O.	..do	50 00
		Ordonez, B. R.	..do	50 00
		Templin, R. L.	..do	50 00
		Weiss, Camillo	..do	50 00
		Kirkpatrick, F. A.	..do	50 00
		Tanabe, S. F.	..do	50 00
		Larson, L. J.	..do	50 00
		Fritz, H. F.	..do	50 00
		Kinley, David	..do	500 00
		Walker, Q. F.	..do	60 00
		Robinson, R. P.	..do	30 00
		Kile, Jessie J.	..do	80 00
		Albrecht, W. A.	..do	35 00
		Anderson, A. J. A.	..do	35 00
		Ball, T. R.	..do	40 00
		Brady, St. Elmo	..do	40 00
		Burton, L. V.	..do	50 00
		Chandler, E. M. A.	..do	30 00
		Clark, F. E.	..do	40 00
		Clark, Helen	..do	40 00
		Cooke, D. G.	..do	35 00
		Cooper, A. R.	..do	50 00
		Crooker, S. J.	..do	35 00
		Debel, N. H.	..do	40 00
		Elliott, J. A.	..do	40 00
		Engle, E. W.	..do	40 00
		Garman, Phillip	..do	40 00
		Griffin, C. E.	..do	35 00
		Guild, F. H.	..do	45 00
		Hebbert, C. M.	..do	35 00
		Higley, Ruth	..do	30 00
		Hoffo, J. A.	..do	35 00
		Jewell, Minnie E.	..do	35 00
		Johnston, J. H.	..do	35 00
		Jernall, M. J.	..do	40 00
		Lamkey, E. M. R.	..do	35 00
		Linkins, R. H.	..do	40 00
		Nebel, M. L.	..do	35 00
		Palm, F. C.	..do	30 00
		Partridge, N. K.	..do	35 00
		Pasmore, D. F.	..do	40 00



## RESEARCH VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
R 712 Cld.	1916 June 19	Peterson, A.	Salary	\$ 40 00
		Russell, F. A.	do	40 00
		Russell, R. R.	do	30 00
		Sabin, Ethel	do	45 00
		Schoepperle, Katherine	do	30 00
		Scholl, Clarence	do	40 00
		Stevens, W. E.	do	45 00
		Stowell, C. J.	do	35 00
		Stunkard, H. W.	do	40 00
		Westergaard, H. M.	do	50 00
		Spindler, G. W.	do	50 00
		Allen, O. W.	do	25 00
		Booth, H. T.	do	25 00
		Cullum, W. H.	do	25 00
		Davidson, L. J.	do	25 00
		Dole, Lillian D.	do	25 00
		Harris, Olive	do	25 00
		Maddock, Kathryn	do	25 00
		Marvel, C. S.	do	25 00
		Morgan, Effie	do	25 00
		Murray, F. H.	do	25 00
		Nordby, J. E.	do	25 00
		O'Connor, Ethel	do	25 00
		Omsted, Margaret	do	25 00
		Ripley, L. B.	do	25 00
		Scotfield, Harriet	do	25 00
		Seller, E. F.	do	25 00
		Sendenburgh, Edith	do	25 00
		Smith, E. J.	do	25 00
		Smith, H. G.	do	25 00
		Sweney, M. A.	do	25 00
		Trowbridge Mary	do	25 00
		Wait, Bernice	do	25 00
		Williams, D. W.	do	25 00
		Henry, T. S.	do	10 00
		Schuete, T. H.	do	10 00
		McComis, S. J.	do	10 00
		Washburn, E. W.	do	291 66
		Oldfather, W. A.	do	250 00
		Sherman, S. P.	do	458 33
		Goebel, Julius	do	312 50
		Larson, L. M.	do	266 66
		Townsend, E. J.	do	333 33
		Bode, B. H.	do	291 66
		Ward, H. B.	do	416 66
		Goodenough, G. A.	do	291 66
		Talbot, A. N.	do	416 66
		Carman, A. P.	do	416 66
		Aumer, J. P.	do	116 66
		Garrott, F. W.	do	133 33
		Gentle, G. E.	do	100 00
		Holt, S. V.	do	166 66
		Leighty, W. R.	do	133 33
		Sachs, W. H.	do	150 00
		Smith, L. H.	do	291 66
		Torgerson, E. F.	do	83 33
		Van Alstine, E.	do	208 33
		Wascher, F. M. W.	do	133 33
		Wheeler, H. C.	do	166 66
		Whitchurch, J. E.	do	150 00
		Richey, F. C.	do	70 00
		Stewart, Robt.	do	250 00
		Burlison, W. L.	do	233 33
		Wyatt, F. A.	do	100 00
		Wilcox, R. H.	do	100 00
		Pearson, F. A.	do	133 33
		Turner, Frank	do	83 33
		Kohmann, E. F.	do	166 66
		Bailey, E. W.	do	200 00
		Durst, C. E.	do	175 00
		Hutchinson, J. I.	do	116 66
		Muncie, F. W.	do	125 00
		Peltier, G. L.	do	133 33
		Ruth, W. A.	do	83 33
R 713	June 22	Humboldt Mfg. Co.	Laboratory apparatus	\$ 93 90
R 714	..do....	Shore Instrument & Mfg. Co.	do	160 00
R 715	..do....	C. O. Hopkins	Traveling expenses	28 18
R 716	..do....	Martin Metz	General supplies	51 10

## RESEARCH VOUCHERS—Continued.

No.	Date	To whom.	For what.	Amount.
	1916			
R 717	June 22	H. Fahrnkopf	Traveling expenses	\$ 18 48
R 718	do.	Mason, Davis & Co.	Machinery and tools	67 50
R 719	do.	C. M. Linsley	Wages, Traveling expenses	18 72
R 720	do.	Hayes Pump & Planter Co.	Machinery and tools	34 00
R 721	do.	A. J. Gunderson	Traveling expenses	4 19
R 722	do.	W. S. Brock	do.	3 69
R 723	do.	S. E. Dillavou	Machine repairs	5 00
R 724	do.	Emerson Brantingham Implement Co.	do.	8 93
R 725	do.	O. M. Allyn	Traveling expenses	15 54
R 726	do.	A. F. Gustafson	do.	14 00
R 727	do.	F. N. Evans	do.	36 37
R 728	do.	Inner Braced Furniture Co.	Furniture and fixtures	6 30
R 729	do.	The Burr Co.	Laboratory repairs	10 10
R 730	do.	E. H. Sargent & Co.	Laboratory apparatus	100 00
R 731	do.	Chas. M. Webber, Postmaster	Postage	1 81
R 732	do.	H. K. Rulison	Traveling expenses	24 99
R 733	do.	Earl Carver	do.	3 76
R 734	do.	H. A. Gate	Traveling expenses, expert service	13 15
R 735	do.	Edward C. Schmidt	do.	25 24
R 736	do.	University of Illinois Supply Store.	Furniture and fixtures	8 19
R 737	do.	H. S. Capron, Treasurer	Material furnished from University storeroom	170 86
R 738	do.	M. E. Thompson, Cashier	Miscellaneous	11 55
R 739	do.	Louden & Flanigan	Publications	13 50
R 740	do.	Chas. M. Weber, Postmaster	Postage	2 76
R 741	do.	E. E. Glick	Expert service	31 73
R 742	do.	C. M. Linsley	do.	50 00
R 743	do.	J. C. Anderson	do.	70 00
R 744	do.	Ralph Engle	Wages	55 00
R 745	do.	W. L. Bennett	Expert service	75 00
R 746	do.	Robt. W. Stark	do.	100 00
R 747	do.	A. B. Arends	Wages	45 00
R 748	do.	H. E. Brewbaker	do.	25 96
R 749	do.	A. W. Harz	do.	45 00
R 750	do.	H. H. Hensold	do.	45 00
R 751	do.	H. S. Hinrichs	do.	45 00
R 752	do.	C. T. Hufford	do.	25 38
R 753	do.	K. W. Parkinson	do.	26 25
R 754	do.	E. I. Pilchard	do.	30 77
R 755	do.	B. H. Questel	do.	26 25
R 756	do.	Douglas Wright, Jr.	do.	32 30
R 757	do.	A. H. Karraker	do.	26 92
R 758	do.	Earl Carver	Expert service	65 00
R 759	do.	C. F. Goodman	do.	60 00
R 760	do.	C. C. Jensen	do.	60 00
R 761	do.	M. R. Carlson	do.	60 00
R 762	do.	I. J. Reinhart	do.	60 00
R 763	do.	W. D. Woolston	do.	60 00
R 764	do.	Paul Holding	Wages	60 00
R 765	do.	John Palfrey	do.	75 00
R 766	do.	Elmer Jenkins	do.	60 00
R 767	do.	G. D. Gaddy	do.	50 00
R 768	do.	T. J. Brooks	do.	50 00
R 769	do.	Bertha Hotaling	do.	45 00
R 770	do.	Alice Reed	do.	60 00
R 771	do.	L. A. Hunter	do.	80 00
R 772	do.	Chas. A. Campbell	Expert service	65 00
R 773	do.	C. C. Chapman	do.	100 00
R 774	June 23	Robert Stewart	Traveling expenses	30 03
R 775	do.	F. C. Bauer	do.	10 80
R 776	do.	Chas. A. Campbell	do.	14 07
R 777	do.	H. J. Snider	do.	21 26
R 778	do.	C. M. Linsley	General supplies, traveling expenses	8 44
R 779	do.	A. F. Gustafson	do.	21 89
R 780	do.	H. C. Gilkerson	Miscellaneous	93 70
R 781	do.	E. E. Glick	Traveling expenses	10 02
R 782	do.	Lewis Haak	Wages	44 87
R 783	do.	A. L. Moats	do.	24 00
R 784	do.	A. S. Colby	Traveling expenses	3 34
R 785	do.	H. K. Rulison	do.	17 11
R 786	do.	Frank Marshall	do.	15 41
R 787	do.	H. C. Wheeler	do.	27 18
R 788	do.	F. A. Fisher	do.	47 03
R 789	do.	R. W. Dickenson	do.	52 85
R 790	do.	F. W. Wascher	do.	51 62
R 791	do.	S. V. Holt	do.	32 77
R 792	do.	Miriam Bennett	Expert service	40 00

## RESEARCH VOUCHERS—Concluded.

No.	Date.	To whom.	For what.	Amount.
	1916			
R 793	June 23	Library Bureau	Furniture and fixtures	\$ 68 40
R 794	..do..	C. C. Logan	Traveling expenses	41 93
R 795	..do..	Linde Air Products Co.	General supplies	1 50
R 796	..do..	Pay roll	June, 1916	773 33
		Davis, D. J.	Salary	\$208 33
		Moore, J. J.	..do	150 00
		Culver, H. B.	..do	100 00
		Fanlezyski, Joseph	..do	45 00
		Falls, F. H.	..do	100 00
		MacDonald, Effie	..do	70 00
		Dewey, Kaethe	..do	100 00
R 797	..do..	Pantagraph Printing & Stationery Co.	Publications	1,088 04
R 798	June 26	Taylor Hardware Co.	General supplies	24 15
R 799	..do..	Keystone Farm Machine Co.	Machinery and tools	23 63
R 800	..do..	C. C. Logan	Traveling expenses	39 73
R 801	..do..	B. A. Stranch	Photograph supplies	1 35
R 802	..do..	B. H. Loyde	..do	2 50
R 803	..do..	Chicago Surgical & Electrical Co.	Laboratory apparatus	20 16
R 804	..do..	R. G. Freyer	..do	29 65
R 805	..do..	A. N. Abbott	Traveling expenses	17 45
R 806	..do..	E. P. Perkins	Wages	30 95
R 807	..do..	John Balk	..do	34 00
R 808	..do..	P. D. Long	..do	75 25
R 809	..do..	Mr. John W. Clinton	Books	100 00
R 810	..do..	Twin City Ice & Cold Storage Co.	General supplies	12 00
R 811	..do..	G. R. Grubb & Co.	Publications	73 50
R 812	..do..	H. R. Stanford	Expert services	83 33
R 813	..do..	Illinois State Reformatory	Printing	24 65
R 814	..do..	Louden & Flanigan	..do	22 50
R 815	June 29	M. E. Thompson, Cashier	Miscellaneous	58 32
R 816	..do..	M. E. Thompson, Cashier	..do	89 92
R 817	June 30	H. S. Capron, Treasurer	Material furnished from University storeroom	16

## VI. PHYSICAL PLANT VOUCHERS.

	1915			
P 1	July 14	L. E. Knorr, Assistant Comptroller	Student labor	\$ 31 50
P 2	July 22	Electric Coal Co.	Coal	923 06
P 3	..do..	Sharon Coal & Brick Co.	..do	188 50
P 4	..do..	Pay roll	July, 1915	333 33
		Rice, G. B.	Salary	\$125 00
		White, James M.	..do	208 33
P 5	..do..	Pay roll	July, 1915	472 48
		Atkinson, C. E.	Salary	\$141 66
		Oberdorfer, H. D.	..do	104 16
		Morrow, J. A.	..do	166 66
		Sinnock, Julia	..do	60 00
P 6	..do..	Irving Pitt Mfg. Co.	Binders	3 44
P 7	..do..	Sharon Coal & Brick Co.	Coal	81 25
P 8	July 30	Central Union Telephone Co.	Exchange service	174 00
P 9	July 31	General Electric Co.	Electrical supplies	425 06
P 10	..do..	Illinois Traction System	Freight	8 00
P 11	..do..	Illinois Traction System	..do	303 59
P 11½	..do..	W. B. Castenholz, Comptroller	Material furnished from University storeroom	53 52
P 12	Aug. 9	Underwood Typewriter Co.	Tab stops	1 00
P 13	..do..	Westinghouse Electric Co.	Electrical supplies	90 72
P 14	Aug. 10	Pay roll	August, 1915	472 67
		Atkinson, C. E.	Salary	\$141 74
		Morrow, J. A.	..do	166 74
		Oberdorfer, H. D.	..do	104 19
		Sinnock, Julia	..do	60 00
P 15	..do..	Pay roll	August, 1915	333 37
		Rice, G. B.	Salary	\$125 00
		White, James M.	..do	208 37
P 16	Aug. 12	The Burr Co.	Soil auger	3 00
P 17	..do..	American Steam Pump Co.	Steam pump	257 50
P 18	..do..	The Black Diamond	Advertising	3 30
P 19	Aug. 14	Electric Coal Co.	Coal	356 20
P 20	..do..	M. E. Thompson, Cashier	General labor	26 40
P 21	..do..	W. B. Castenholz, Comptroller	Labor and material bills for July, 1915	10,240 20

## PHYSICAL PLANT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1915			
P	22 Aug. 18	F. K. Robeson	Towels	\$ 7 20
P	23 Aug. 24	Illinois Traction System	Freight	219 06
P	24 Aug. 27	M. E. Thompson, Cashier	Sundry bills	12 78
P	25 Aug. 30	Sharon Coal & Brick Co.	Coal	539 50
P	26 ..do....	W. B. Castenholz, Comptroller	Material from University storeroom	64 35
P	27 Aug. 31	Urbana & Champaign Ry., Gas & Electric Co.	Gas	626 42
P	28 Sept. 8	Cevilla Carothers	Wages, August, 1915	60 32
P	29 ..do....	T. O. Henderson	Salary, August, 1915	112 00
P	30 ..do....	Ruthe Murphy	do.	60 32
P	31 Sept. 10	M. E. Thompson, Cashier	Student labor	60 00
P	32 Sept. 14	Illinois Traction System	Freight	231 32
P	33 ..do....	Sharon Coal & Brick Co.	Coal	387 50
P	34 Sept. 15	Pay roll	September, 1915	333 33
		Rice, G. B.	Salary	\$125 00
		White, James M.	do.	208 33
P	35 ..do....	M. E. Thompson, Cashier	Bills paid	24 88
P	36 ..do....	M. E. Thompson, Cashier	do.	7 59
P	37 Sept. 17	Pay roll	September, 1915	485 82
		Atkinson, C. E.	Salary	\$141 66
		Morrow, J. A.	do.	175 00
		Oberdorfer, H. D.	do.	104 16
		Sinnock, Julia	do.	65 00
P	38 Sept. 29	Taylor Hardware Co.	Saw blades	1 25
P	39 ..do....	W. B. Castenholz, Comptroller	Material furnished from University storeroom	10,168 74
P	40 Sept. 30	Underwood Typewriter Co.	Typewriter	21 75
P	45 ..do....	Urbana & Champaign Ry., Gas & Electric Co.	Gas	251 48
P	42 ..do....	T. O. Henderson	Salary, September, 1915	111 20
P	43 ..do....	Ruthe Murphy	do.	60 32
P	44 ..do....	Cevilla Carothers	do.	60 32
P	45 Oct. 5	M. E. Thompson, Cashier	Student labor	39 30
P	46 Oct. 8	The Berger Mfg. Co.	Furniture and fixtures	9 95
P	47 Oct. 14	The Wabash R. R., Urbana	Freight	428 52
P	48 ..do....	Illinois Traction System	do.	469 33
P	49 Oct. 15	Pay roll	October, 1915	333 33
		Rice, G. B.	Salary	\$125 00
		White, James M.	do.	208 33
P	50 Oct. 19	Lovington Coal Mining Co.	Coal	324 55
P	51 ..do....	Stonington Coal Co.	do.	181 79
P	52 ..do....	The Wabash R. R. Co.	Freight	199 84
P	53 ..do....	Illinois Traction System	do.	535 72
P	54 ..do....	Sharon Coal & Brick Co.	Coal	706 25
P	55 Oct. 21	Pay roll	October, 1915	485 82
		Atkinson, Evelyn	Salary	\$141 66
		Morrow, J. A.	do.	175 00
		Oberdorfer, S.	do.	104 16
		Sinnock, Julia	do.	65 00
P	56 Oct. 22	M. E. Thompson, Cashier	Bills paid	15 00
P	57 ..do....	E. G. Soltmann	Contract forms	1 35
P	58 ..do....	W. B. Castenholz, Comptroller	Material furnished from University storeroom	9,078 61
P	59 Oct. 23	The Wabash R. R. Co.	Freight	127 95
P	60 ..do....	Illinois Traction System	do.	247 02
P	61 ..do....	Illinois Central Ry. Co.	do.	4 13
P	62 Oct. 26	Westinghouse Electric & Mfg. Co.	Switchboard	500 00
P	63 ..do....	P. S. Campbell	Printing	2 00
P	64 Oct. 27	M. E. Thompson, Cashier	Bills paid	17 65
P	65 Oct. 28	Home Telephone Co.	Telephone	100 00
P	66 ..do....	Receivers, Central Union Telephone Co.	do.	179 87
P	67 ..do....	Sharon Coal & Brick Co.	Coal	534 37
P	68 ..do....	Albert B. Gray	Fourth installment on Lincoln Avenue	1,290 74
P	69 Oct. 30	The Wabash R. R. Co.	Freight	155 70
P	70 ..do....	Illinois Traction System	do.	225 89
P	71 ..do....	W. B. Castenholz, Comptroller	Material furnished from University storeroom	83 78
P	72 Nov. 5	M. E. Thompson, Cashier	Bills paid	34 75
P	73 Nov. 6	T. O. Henderson	Salary, October, 1915	115 60
P	74 ..do....	Ruthe Murphy	do.	60 32
P	75 ..do....	Cevilla Carothers	do.	60 32
P	76 Nov. 8	P. S. Campbell	Printing	1 75
P	77 Nov. 9	City of Champaign, City Clerk's Office	Work on Wright Street	20 87
P	78 ..do....	The Wabash R. R. Co.	Freight	50 43
P	79 ..do....	Illinois Traction System	do.	233 23
P	80 ..do....	Urbana & Champaign Ry., Gas & Electric Co.	Gas	614 29

## PHYSICAL PLANT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1915			
P 81	Nov. 11	Home Telephone Co. of Champaign Co.	Rent	\$ 100 00
P 82	..do..	Davis & Kreeger	General repairs	3,270 84
P 83	Nov. 12	M. E. Thompson, Cashier	Bills paid	19 40
P 84	Nov. 15	Pay roll	November, 1915	333 33
		Rice, G. B.	Salary	\$125 00
		White, J. M.	..do..	208 33
P 85	Nov. 22	Illinois Traction System	Freight	447 34
P 86	..do..	Sharon Coal Co.	Coal	540 62
P 87	Nov. 23	H. S. Capron, Treasurer	Material from University store- room	11,811 54
P 88	..do..	Pay roll	November, 1915	589 99
		Atkinson, Chas. Evelyn	Salary	\$141 66
		Morrow, J. A.	..do..	175 00
		Oberdorfer, H. D.	..do..	208 33
		Sinnock, Julia	..do..	65 00
P 89	Nov. 26	M. E. Thompson, Cashier	Bills paid	16 97
P 90	..do..	M. E. Thompson, Cashier	..do..	22 90
P 91	..do..	Sharon Coal Co.	Coal	475 00
P 92	Nov. 29	H. S. Capron, Treasurer	Material furnished from Univer- sity storeroom	17 86
P 93	Nov. 30	Chas. L. Morgan	Services	35 00
P 94	Dec. 3	T. O. Henderson	Wages, November, 1915	111 60
P 95	..do..	Ruthe Murphy	..do..	60 32
P 96	..do..	Cavilla Carothers	..do..	60 00
P 97	Dec. 6	H. S. Capron, Treasurer	Material furnished from Univer- sity storeroom	813 14
P 98	Dec. 7	The Wabash R. R. Co.	Freight	190 89
P 99	..do..	Urbana & Champaign Ry., Gas & Elec- tric Co.	Gas	790 63
P 100	..do..	Electric Coal Co.	Coal	227 48
P 101	Dec. 8	M. E. Thompson, Cashier	Bills paid	1 54
P 102	..do..	M. E. Thompson, Cashier	..do..	33 00
P 103	Dec. 10	Pay roll	December, 1915	333 33
		Rice, G. B.	Salary	\$125 00
		White, Jas. M.	..do..	208 33
P 104	Dec. 13	Pay roll	December, 1915	589 99
		Atkinson, Chas. Evelyn	Salary	\$141 66
		Morrow, J. A.	..do..	175 00
		Oberdorfer, H. D.	..do..	208 33
		Sinnock, Julia	..do..	65 00
P 105	Dec. 14	P. S. Campbell	Printing	8 40
P 106	Dec. 15	M. E. Thompson, Cashier	Bills paid	7 27
P 107	Dec. 16	H. S. Capron, Treasurer	Material furnished from Univer- sity storeroom	634 59
P 108	Dec. 18	T. O. Henderson	Salary, December, 1915	52 00
P 109	..do..	Ruthe Murphy	..do..	30 15
P 110	..do..	Cevilla Carothers	..do..	30 00
P 111	..do..	Lovington Coal Co.	Coal	574 32
P 112	..do..	Sharon Coal & Brick Co.	..do..	471 87
P 113	..do..	The Burr Co.	Machinery	122 60
P 114	..do..	Geo. B. Rice	Traveling expenses	10 44
P 115	..do..	The Wabash R. R. Co.	Freight	634 62
P 116	..do..	Illinois Traction System	..do..	390 96
P 117	Dec. 20	Albert R. Gray, Collector	Pavements and walks	153 92
P 118	Dec. 21	Illinois Traction System	Freight	264 27
P 119	Dec. 22	M. E. Thompson, Cashier	Bills paid	43 00
P 120	..do..	Lovington Coal Mining Co.	Coal	383 70
P 121	Dec. 28	H. S. Capron, Treasurer	Material furnished from Univer- sity storeroom	12,359 30
P 122	..do..	H. S. Capron, Treasurer	..do..	15 75
P 123	Dec. 29	Illinois Traction System	Freight	14 00
P 124	..do..	The Wabash R. R. Co.	..do..	56 85
P 125	Dec. 31	Charles H. Spears	Services	11 00
P 126	..do..	L. C. Bernard	Labor	15 00
P 127	..do..	H. D. Oberdorfer	Traveling expenses	12 14
P 128	..do..	Carl Neblock	..do..	5 54
P 129	..do..	Cevilla Carothers	Wages, December, 1915	30 00
P 130	..do..	Ruthe Murphy	..do..	30 16
P 131	..do..	T. O. Henderson	..do..	63 20
	1916			
P 132	Jan. 5	M. E. Thompson, Cashier	Bills paid	1 31
P 133	..do..	M. E. Thompson, Cashier	..do..	1 45
P 134	..do..	Urbana & Champaign Ry., Gas & Elec- tric Co.	Gas	645 14
P 135	Jan. 7	Sharon Coal & Brick Co.	Coal	471 87
P 136	..do..	The Wabash R. R. Co.	Freight	633 66
P 137	..do..	Illinois Traction System	..do..	603 71
P 138	..do..	Illinois State Reformatory	Printing	23 50

## PHYSICAL PLANT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1918			
P 139	Jan. 7	The Big Four R. R. Co.	Freight	\$ 8 46
P 140	Jan. 10	Illinois State Reformatory	Printing	3 10
P 141	..do..	Home Telephone Co.	Rent	100 00
P 142	Jan. 11	Westinghouse Electric & Mfg. Co.	Installing voltage regulator	193 08
P 143	..do..	White Line Steam Laundry	Laundry	61 99
P 144	..do..	Walworth Mfg. Co.	Steel	301 52
P 145	Jan. 12	The Peoples Gas Light & Coke Co.	Gas	73 44
P 146	..do..	The Western Electric Co.	General supplies	1 09
P 147	..do..	City of Chicago	Elevator inspection	2 00
P 148	..do..	Western Union Telegraph Co.	Time services	9 00
P 149	..do..	James M. White	Traveling expenses	24 47
P 150	..do..	M. E. Thompson, Cashier	Labor bills	13 88
P 151	Jan. 13	Pay roll	January, 1918	333 33
		Rice, G. B.	Salary	\$125 00
		White, J. M.	..do..	208 33
P 152	..do..	L. B. King	City assessment	485 03
P 153	..do..	H. S. Capron, Treasurer	Material furnished from University storeroom	1,509 31
P 154	Jan. 14	Electric Coal Co.	Coal	96 25
P 155	Jan. 18	M. E. Thompson, Cashier	Bills paid	3 27
P 156	Jan. 19	H. S. Capron, Treasurer	Material furnished from University storeroom	11,836 74
P 157	..do..	App & Miller	Elevator inspection	100 00
P 158	..do..	Central Union Telephone Co.	Exchange service	189 00
P 159	Jan. 20	Pay roll	January, 1918	589 99
		Atkinson, Chas. Evelyn	Salary	\$141 66
		Morrow, J. A.	..do..	175 00
		Oberdorfer, H. D.	..do..	208 33
		Sinnock, Julia	..do..	65 00
P 160	..do..	Sharon Coal & Brick Co.	Coal	515 62
P 161	..do..	Western Union Telegraph Co.	Time service	15 00
P 162	..do..	White Line Laundry	Laundry	1 50
P 163	..do..	T. A. Burt	Machinery	1,795 00
P 164	..do..	Illinois Traction System	Freight	14 00
P 165	..do..	The Wabash R. R. Co.	..do..	724 02
P 166	Jan. 21	Machinist Supply Co.	General supplies	1 12
P 167	..do..	Agatile Composition Flooring Co.	..do..	10 00
P 168	..do..	Western Lumber Co.	Lumber	4 55
P 169	..do..	Arthur C. Beck	Contract	250 00
P 170	..do..	Heath & Milligan Mfg. Co.	Paints	11 05
P 171	..do..	Western Fuel Co.	Coal	323 24
P 172	..do..	F. G. Hartwell Co.	..do..	261 42
P 173	..do..	Maas Brothers	General supplies	4 87
P 174	Jan. 25	M. E. Thompson, Cashier	Sundry bills	17 28
P 175	Jan. 28	C. H. Besly & Co.	General supplies	10 14
P 176	..do..	Maas Brothers	..do..	3 00
P 177	..do..	Fuller-Morrison Co.	..do..	10 00
P 178	..do..	The Peoples Gas Light & Coke Co.	Gas	5 12
P 179	..do..	American Electrical Supply Co.	Electric supplies	4 95
P 180	..do..	Atlas School Supply Co.	General supplies	10 80
P 181	..do..	Illinois Malleable Iron Co.	Plumbing	43 19
P 182	..do..	Wm. Rowlands Co.	Plastering	403 76
P 183	..do..	Blake Specialty Co.	Plain drains	22 75
P 184	Jan. 29	Peabody Coal Co.	Coal	574 75
P 185	..do..	White Line Laundry	Laundry	26 40
P 186	..do..	Sharon Coal & Brick Co.	Coal	400 00
P 187	..do..	T. O. Henderson	Salary, January, 1918	112 40
P 188	..do..	Ruthe Murphy	..do..	62 64
P 189	..do..	Cevilla, Carothers	..do..	60 00
P 190	Jan. 31	H. S. Capron, Treasurer	Material furnished from University storeroom	848 91
P 191	Feb. 1	The Wabash Ry. Co.	Freight	312 87
P 192	Feb. 4	The Wabash Ry. Co.	..do..	676 11
P 193	..do..	Illinois Traction System	..do..	1,346 30
P 194	Feb. 5	M. E. Thompson, Cashier	Express bills	2 81
P 195	..do..	M. E. Thompson, Cashier	Labor bills	411 88
P 196	Feb. 8	Western Lumber Co.	Lumber	8 22
P 197	..do..	Hamblin Plumbing	Plumbing	530 20
P 198	..do..	Pittsburgh Plate Glass Co.	Glass	16 25
P 199	..do..	Joseph Walsh	Labor	7 00
P 200	..do..	White Line Laundry	Laundry	22 13
P 201	..do..	American-German Boiler Compound Co.	General supplies	20 80
P 202	..do..	Davis & Kreeger	Painting	994 00
P 203	..do..	Cottage Grove Mfg. Co.	Laboratory apparatus	110 00
P 204	..do..	Chicago Engineer Supply Co.	Packing	4 50
P 205	..do..	Kewanee Mfg. Co.	Table	10 00
P 206	..do..	Urbana & Champaign Ry., Gas & Electric Co.	Electric power	738 26

## PHYSICAL PLANT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1916			
P 207	Feb. 8	M. E. Thompson, Cashier	Telephone bills	\$ 1 94
P 208	Feb. 11	Cosmo Electric Construction Co.	Electric supplies	210 00
P 209	..do..	W. B. Castenholz	Traveling expenses	12 04
P 210	..do..	Robert R. Anderson Co.	Building repairs	556 90
P 211	..do..	Pittsburgh Plate Glass Co.	Glass	3 15
P 212	..do..	Scully Steel & Iron Co.	Steel	1 25
P 213	..do..	Maas Brothers	General supplies	7 30
P 214	..do..	City of Chicago	Elevator inspection	4 00
P 215	Feb. 15	American Radiator Co.	Plumbing	71 13
P 216	..do..	Western Fuel Co.	Coal	17 60
P 217	..do..	Jos. Walsh	Cinders	10 00
P 218	..do..	F. G. Hartwell Co.	Coal	500 63
P 219	..do..	Davis & Greger	Painting	144 50
P 220	..do..	Parcules Chemical Works	Metal polish	1 80
P 221	..do..	Pittsburgh Plate Glass Co.	Glass	1 10
P 222	..do..	American Iron & Wire Works	Wire grating	65 00
P 223	..do..	Cosmo Electric Construction Co.	Wiring	12 50
P 224	..do..	M. G. Munson	Traveling expenses	19 30
P 225	Feb. 16	M. E. Thompson, Cashier	Labor bills	30 45
P 226	..do..	Pay roll	February, 1916	589 99
		Atkinson, Chas. E.	Salary	\$141 65
		Morrow, J. A.	..do.	175 00
		Oberdorfer, H. D.	..do.	208 33
		Sincock, Julia	..do.	65 00
P 227	Feb. 17	Pay roll	February, 1916	333 33
		Rice, G. B.	Salary	\$125 00
		White, Jas. M.	..do.	208 33
P 228	..do..	Irving Pitt Mfg. Co.	Office supplies	5 88
P 229	..do..	The Wabash R. R. Co.	Freight	264 96
P 230	Feb. 21	Lovington Coal Mining Co.	Coal	201 48
P 231	..do..	Lovington Coal Mining Co.	..do.	215 33
P 232	Feb. 22	M. E. Thompson, Cashier	Express bills	2 54
P 233	..do..	Kewaunee Mfg. Co.	Desk	117 50
P 234	..do..	Sharon Coal & Brick Co.	Coal	568 12
P 235	..do..	Cameron Schroth Co.	Sheet packing	12 79
P 236	Feb. 24	Lovington Coal Mining Co.	..do.	993 02
P 237	Feb. 25	M. E. Thompson, Cashier	Sundry bills	10 62
P 238	..do..	M. E. Thompson, Cashier	Labor bills	6 63
P 239	..do..	Lovington Coal Mining Co.	Coal	1,602 87
P 240	Feb. 26	Hibbard, Spencer, Bartlett & Co.	General supplies	4 25
P 241	..do..	Maas Brothers	Building repairs	86 90
P 242	..do..	The Berger Mfg. Co.	Laboratory apparatus	57 48
P 243	..do..	Davis & Kreeger	General supplies	30 00
P 244	..do..	H. F. Brenner	Building repairs	130 90
P 245	..do..	Illinois State Reformatory	Printing	1 75
P 246	Feb. 29	T. O. Henderson	Salary, February, 1916	108 40
P 247	..do..	Ruthe Murphy	..do.	58 00
P 248	..do..	Cevilla Carothers	..do.	60 00
P 249	..do..	Arthur Forsyth	..do.	100 00
P 250	..do..	The Peoples Gas Light & Coke Co.	Gas	79 36
P 251	..do..	Wabash Ry. Co.	Freight	340 44
P 252	..do..	Illinois Traction System	..do.	914 16
P 253	..do..	H. S. Capron, Treasurer	Material furnished from University storeroom	104 09
P 254	..do..	M. E. Thompson, Cashier	Labor bills	20 40
P 255	..do..	Maas Brothers	Building repairs	22 00
P 256	..do..	Chas. Goldschmitt	General supplies	7 50
P 257	..do..	Machinist Supply Co.	..do.	1 38
P 258	..do..	Sharon Coal & Brick Co.	Coal	453 12
P 259	Mar. 4	Peabody Coal Co.	Coal	836 84
P 260	Mar. 7	M. E. Thompson, Cashier	Labor bills	3 13
P 261	Mar. 9	Thompson & Jameson	Elevator repairs	20 00
P 262	..do..	H. Barrett & Co.	Unions	12 97
P 263	..do..	Fuller-Morrison Co.	Salt	10 00
P 264	..do..	Hamblin Plumbing	Plumbing	52 40
P 265	..do..	The Peoples Gas Light & Coke Co.	Gas	191 04
P 266	..do..	American Radiator Co.	Gate valve	2 82
P 267	..do..	Pittsburgh Plate Glass Co.	Glass	3 65
P 268	..do..	Urbana & Champaign Ry., Gas & Electric Co.	Gas	663 96
P 269	Mar. 10	M. E. Thompson, Cashier	Labor bills	8 40
P 270	..do..	M. E. Thompson, Cashier	..do.	3 94
P 271	Mar. 13	The Wabash R. R. Co. (Urbana)	Freight	360 03
P 272	..do..	Illinois Traction System	..do.	603 05
P 273	..do..	H. S. Capron, Treasurer	Material furnished from University storeroom	13,731 53
P 274	..do..	Davis & Kreeger	Building repairs	19 20
P 275	..do..	White Line Laundry	Laundry	21 62

## PHYSICAL PLANT VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
P 276	1916 Mar. 14	H. S. Capron, Treasurer	Material furnished from University storeroom	1 106 21
P 277	Mar. 15	Pay roll	March, 1916	473 33
		Math, E. R.	Salary	\$133 33
		Towne, L. J.	do	200 00
		Wright, C. E.	do	140 00
P 278	..do..	Pay roll	March, 1916	381 66
		Atkinson, Chas. E.	Salary	\$141 66
		Morrow, J. A.	do	175 00
		Sinnock, Julia	do	65 00
P 279	Mar. 16	Pay roll	March, 1916	333 33
		Rice, G. B.	Salary	\$125 00
		White, Jas. M.	do	208 33
P 280	..do..	H. F. Bremer	Building repairs	87 23
P 281	..do..	Cosmo Electric Construction Co.	Electrical supplies	55 00
P 282	..do..	C. H. Brownell	Building repairs	366 10
P 283	..do..	Hollan & Wolf Mfg. Co.	General supplies	22 50
P 284	..do..	Pittsburgh Plate Glass Co.	Glass	4 20
P 285	..do..	Imperial Mfg. Co.	Sweeping compound	25 00
P 286	..do..	Maas Brothers	General supplies	35 16
P 287	..do..	Western Lumber Co.	Cypress	131 82
P 288	..do..	American Radiator Co.	Valves and pipes	30 45
P 289	..do..	Western Fuel Co.	Coal	352 11
P 290	..do..	F. G. Hartwell Co.	do	269 54
P 291	..do..	Stromberg-Carlson Telephone Mfg. Co.	Telephone repairs	1 80
P 292	..do..	Sharon Coal & Brick Co.	Coal	412 50
P 293	Mar. 18	M. E. Thompson, Cashier	Express bills	23 71
P 294	..do..	Lovington Coal Mining Co.	Coal	265 16
P 295	..do..	H. Channon Co.	Plumbing	1 20
P 296	Mar. 20	Achille Scully	Sewer stubs	72 50
P 297	..do..	Studebaker Corporation of America	Street sweeper	220 80
P 298	..do..	Wabash Ry. Co.	Freight	645 11
P 299	..do..	Illinois Traction System	do	270 28
P 300	..do..	Illinois State Reformatory	Printing	21 00
P 301	Mar. 21	H. S. Capron, Treasurer	Material furnished from University storeroom	10,668 79
P 302	..do..	Lovington Coal Mining Co.	Coal	112 76
P 303	Mar. 27	Thompson & Jameson	Elevator	1,197 00
P 304	..do..	Sharon Coal & Brick Co.	Coal	365 62
P 305	..do..	The Spencer Turbine Cleaner Co.	Turbine	215 00
P 306	..do..	H. L. Gannet	Services	50 00
P 307	..do..	Electric Coal Co.	Freight	84 33
P 308	Mar. 31	T. O. Henderson	Salary, March	116 00
P 309	..do..	Ruthe Murphy	do	62 64
P 310	..do..	Cevilla Carothers	do	60 00
P 311	..do..	H. Channon Co.	General supplies	7 07
P 312	..do..	C. H. Brownell	Laboratory apparatus	127 50
P 313	..do..	Jos Walsh	Removing cinders	10 00
P 314	..do..	M. E. Thompson, Cashier	Labor bills	13 63
P 315	..do..	H. S. Capron, Treasurer	Material furnished from University storeroom	876 39
P 316	..do..	Western Lumber Co.	Pine	105 26
P 317	..do..	Hamblin Plumbing Co.	Plumbing	25 57
P 318	..do..	Machinists Supply Co.	General supplies	6 63
P 319	..do..	Davis & Kreeger	Painting	424 00
P 320	..do..	Fuller-Morrison Co.	Salt	10 00
P 321	..do..	The Globe-Wernicke Co.	Office equipment	10 20
P 322	..do..	Pittsburgh Plate Glass Co.	Glass	\$ 3 05
P 323	..do..	The Peoples Gas Light & Coke Co.	Gas	47 36
P 324	..do..	Yale & Towne Mfg. Co.	Key blanks	\$ 9 14
P 325	..do..	Atlas School Supply Co.	Building repairs	19 20
P 326	..do..	Antiseptol Liquid Soap Co.	Liquid soap	15 00
P 327	..do..	F. K. Robeson	Toweling	76 00
P 328	Apr. 6	Steven Kryutscky	Wages, March	50 00
P 329	Apr. 8	M. E. Thompson, Cashier	Miscellaneous bills	10 73
P 330	Apr. 10	Lovington Coal Mining Co.	Coal	580,98
P 331	..do..	S. P. Townsend & Co.	Machinery	250 00
P 332	Apr. 12	Peabody Coal Co.	Coal	644 80
P 333	..do..	The Wabash R. R. Co.	Freight	\$ 16
P 334	..do..	Western Fuel Co.	Coal	218 33
P 335	..do..	American Radiator Co.	Plumbing	44 13
P 336	..do..	Peabody Coal Co.	Coal	1,035 94
P 337	..do..	Lovington Coal Co.	do	171 43
P 338	Apr. 13	The Wabash R. R. Co.	Freight	285 66
P 339	..do..	Illinois Traction System	do	358 19
P 340	..do..	Dan G. Swannell	Rent	1 50
P 341	..do..	M. E. Thompson, Cashier	Labor bills	8 80
P 342	Apr. 14	White Line Laundry	Laundry	30 47



## PHYSICAL PLANT VOUCHERS—Continued.

No	Date.	To whom.	For what.	Amount.
	1916			
P 343	Apr. 14	Sharon Coal Co.	Coal	\$ 221 88
P 344	.do.	F. G. Hartwell Co.	.do.	118 35
P 345	.do.	Davis & Kreger	Building repairs	8 00
P 346	.do.	Maas Brothers	General supplies	41 45
P 347	Apr. 18	American Radiator Co.	Gate valve	2 51
P 348	.do.	Jenkins Brothers	Plumbing	1 26
P 349	.do.	Pittsburgh Plate Glass Co.	Glass	1 75
P 350	.do.	Stromberg-Carlson Telephone Mfg. Co.	General supplies	3 50
P 351	.do.	C. A. Klier	.do.	10 87
P 352	.do.	Louden & Flanigan	Printing	6 50
P 353	Apr. 19	Pay roll	April, 1916	473 33
		Math, E. R.	Salary	\$133 33
		Towne, L. J.	.do.	200 00
		Wright, G. E.	.do.	140 00
P 354	.do.	Pay roll	April, 1916	381 66
		Atkinson, Chas. E.	Salary	\$141 66
		Morrow, J. A.	.do.	175 00
		Sincock, Julia	.do.	65 00
P 355	.do.	Pay roll	April, 1916	666 66
		Rice, G. B.	Salary	\$250 00
		White, Jas. M.	.do.	416 66
P 356	.do.	The Wabash Ry. Co.	Freight	24 96
P 357	.do.	Illinois Traction System	.do.	46 91
P 358	.do.	Atwood Vacuum Machine Co.	Vacuum cleaner	327 60
P 359	Apr. 20	M. E. Thompson, Cashier	Labor bills	1 77
P 360	.do.	The Western Electric Co.	General supplies	1 30
P 361	Apr. 24	Commonwealth Edison Co.	Electrical supplies	322 44
P 362	Apr. 27	Jacob Solomon	Salary, April	50 00
P 363	.do.	Nicholas Nichalovich	.do.	50 00
P 364	.do.	Home Telephone of Champaign County	General supplies	125 00
P 365	.do.	R. I. Kelley	Travelling expenses	10 94
P 366	.do.	Hamblin Plumbing Co.	Plumbing	5 81
P 367	.do.	American Radiator Co.	.do.	51 45
P 368	.do.	McMaster-Carr Supply Co.	.do.	11 48
P 369	.do.	American Electrical Supply Co.	Electric supplies	5 26
P 370	.do.	Eugene Dietzgen Co.	General supplies	5 39
P 371	.do.	Illinois Malleable Iron Co.	.do.	1 30
P 372	.do.	Jos. Walsh	Removing rubbish	10 00
P 373	.do.	Chas. D. McCutcheon	Building repairs	3 00
P 374	.do.	M. E. Thompson, Cashier	Labor bills	18 70
P 375	Apr. 28	T. O. Henderson	Salary, April	111 20
P 376	.do.	Ruthie Murphy	.do.	58 00
P 377	.do.	Cevilla Carothers	.do.	60 00
P 378	Apr. 29	H. S. Capron, Treasurer	Material furnished from University storeroom	1,833 05
P 379	.do.	M. E. Thompson, Cashier	Miscellaneous bills	24 21
P 380	.do.	Butler Brothers	General supplies	3 21
P 381	.do.	L. T. Brownfield	Machinery	120 00
P 382	.do.	Central Union Telephone Co.	Exchange service	199 00
P 383	.do.	Urbana & Champaign Ry., Gas & Electric Co.	Electric current	580 57
P 384	May 4	Lovington Coal Mining Co.	Coal	207 04
P 385	.do.	Urbana & Champaign Ry., Gas & Electric Co.	Gas	664 61
P 386	May 5	M. E. Thompson, Cashier	Labor bills	7 75
P 387	May 11	J. W. Miller	Incidentals	7 26
P 388	.do.	Maas Bros.	General supplies	10 95
P 389	.do.	White Line Laundry	Sundries	23 78
P 390	.do.	Western Fuel Co.	Coal	234 51
P 391	.do.	F. K. Robeson	General supplies	22 00
P 392	.do.	McGraw-Hill Book Co., Inc.	Office equipment	2 98
P 393	.do.	Peoples Gas Light & Coke Co.	Gas	104 80
P 394	.do.	H. S. Capron, Treasurer	Material furnished from University storeroom	14,910 18
P 395	May 15	Dearborn Chemical Co.	General supplies	25 28
P 396	.do.	Western Lumber Co.	Building repairs	17 20
P 397	.do.	American Electrical Supply Co.	Electric	6 31
P 398	.do.	Globe-Wernicke Co.	Furniture and fixtures	10 05
P 399	.do.	Louis Melind Co.	Office supplies	14 68
P 400	.do.	Pittsburgh Plate Glass Co.	Building repairs	1 85
P 401	.do.	Illinois Traction System	Freight	204 34
P 402	.do.	Wabash R. R.	.do.	72 90
P 403	.do.	Layne & Bowler Corporation	Plumbing	3,000 00
P 404	May 16	Illinois Malleable Iron Co.	Plumbing	1 25
P 405	.do.	Cudahy Packing Co.	General supplies	49 00
P 406	.do.	Cosmo Electric Construction Co.	Building repairs	20 00
P 407	.do.	Louden & Flanigan	Printing	3 00
P 407a	May 18	The Berger Mfg. Co.	Office supplies	3 04

## PHYSICAL PLANT VOUCHERS—Concluded.

No.	Date.	To whom.	For what.	Amount.
	1916			
P 408	May 18	Pittsburgh Plate Glass Co.	Building repairs	\$ 13 50
P 409	..do..	D. Van Nostrand Co.	Books	4 17
P 410	..do..	Hamblin Plumbing Co.	Plumbing	39 20
P 411	May 19	Jas. F. Marsh & Co.	Machine repairs	3 24
P 412	..do..	Jos. Walsh	General labor	10 00
P 413	..do..	Vaughan's Seed Store	General supplies	1 00
P 414	..do..	Fuller-Morrison Co.	..do.	11 00
P 415	..do..	American Electrical Supply Co.	..do.	3 60
P 416	..do..	M. E. Thompson, Cashier	Student assistant	9 00
P 417	..do..	M. E. Thompson, Cashier	Express	4 13
P 418	..do..	M. E. Thompson, Cashier	General labor	12 00
P 419	..do..	Pay roll	May, 1916	381 66
		Atkinson, Chas. A.	Salary	\$141 66
		Morrow, J. A.	..do.	175 00
		Sinnock, Julia	..do.	65 00
P 420	..do..	Pay roll	May, 1916	416 66
		White, J. M.	Salary	\$416 66
P 421	May 20	Commonwealth Edison Co.	Electric current	298 57
P 422	May 23	M. E. Thompson, Cashier	Miscellaneous	9 99
P 423	..do..	M. E. Thompson, Cashier	..do.	17 50
P 424	..do..	Eugene Dietzgen Co.	General supplies	1 42
P 425	..do..	Eugene Dietzgen Co.	..do.	1 27
P 426	..do..	Alexander Lumber Co.	Furniture and fixtures	96 00
P 427	May 31	H. S. Capron, Treasurer	Material furnished from University storeroom	552 80
P 428	..do..	H. S. Capron, Treasurer	..do.	11,247 93
P 429	..do..	T. O. Henderson	Wages	119 60
P 430	..do..	Ruthe Murphy	..do.	63 51
P 431	..do..	Cevilla Carothers	..do.	60 00
P 432	..do..	Wabash Ry. Co.	Freight	31 23
P 433	..do..	Illinois Traction System	..do.	299 27
P 434	June 1	Peck & Hills Furniture Co.	Furniture and fixtures	2 04
P 435	..do..	H. S. Capron, Treasurer	Material furnished from University storeroom	470 45
P 436	June 12	J. M. Lindgren	Expert services	42 00
P 437	..do..	White Line Laundry	Laundry	25 29
P 438	..do..	Urbana & Champaign Ry., Gas & Electric Co.	Gas	602 71
P 439	..do..	M. E. Thompson, Cashier	Miscellaneous	1 75
P 440	..do..	M. E. Thompson, Cashier	..do.	17 51
P 441	..do..	M. E. Thompson, Cashier	..do.	25 00
P 442	June 15	James M. White	Traveling expenses	122 24
P 443	..do..	Electric Coal Co.	Coal	1,077 25
P 444	..do..	M. E. Thompson, Cashier	Miscellaneous	11 25
P 445	June 24	H. S. Capron, Treasurer	Material furnished from University storeroom	13,258 45
P 446	June 27	M. E. Thompson, Cashier	Miscellaneous	34 50
P 447	..do..	M. E. Thompson, Cashier	..do.	10 80
P 448	..do..	H. S. Capron, Treasurer	Material furnished from University storeroom	40 53

## VII. CONTINGENT EXPENSE VOUCHERS.

No.	Date.	To whom.	For what.	Amount.
	1915			
C 1	July 13	L. E. Knorr, Assistant Comptroller	Student labor	\$ 19 80
C 2	July 14	L. E. Knorr, Assistant Comptroller	General labor	1 00
C 3	July 16	Carman H. Steitz	Wages, July, 1915	65 00
C 4	July 17	Pay roll	July, 1915	496 66
		Bartow, Edward	Salary	\$166 66
		Bennett, A. N.	..do.	75 00
		Hanford, W. W.	..do.	60 00
		Langlier, W. F.	..do.	125 00
		Tanner, F. W.	..do.	70 00
C 5	July 21	Smith & Co.	Ice	6 00
C 6	..do..	Quality Grocery & Market	Meat and groceries	82 95
C 7	..do..	C. S. McKellogg	Wages, July, 1915	50 00
C 8	Aug. 4	M. E. Thompson, Cashier	Student labor	110 50
C 9	..do..	Agnes Joyce	Nurse's services	142 46
C 10	Aug. 24	Capt. Thos. J. Smith	Interest	3,225 00
C 11	..do..	C. Scholl	Wages, August, 1915	60 00

## CONTINGENT EXPENSE VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
1915				
C 12	Sept. 10	M. E. Thompson, Cashier	Labor bills	\$ 30 00
C 13	..do..	M. E. Thompson, Cashier	..do.	50 00
C 14	Sept. 13	W. M. Atwell	Repairing trunks	19 50
C 15	Sept. 15	Pay roll	September, 1915	225 00
		Beard, J. H.	Salary	\$ 25 00
		Andros, S. O.	..do.	200 00
C 16	Sept. 24	P. S. Campbell	Printing	8 75
C 17	..do..	Illinois State Reformatory	..do.	10 10
C 18	..do..	Flanigan-Pearson Co.	Press bulletins	15 00
C 19	..do..	C. S. McKellogg	Wages, September, 1915	25 00
C 19 1/2	..do..	H. H. Stoeck	Travelling expenses	10 79
C 20	..do..	White Line Laundry	Laundry	18 95
C 21	Sept. 30	The University Press	Printing	31 25
C 22	..do..	Underwood Typewriter Co.	Typewriter	46 75
C 23	Oct. 5	M. E. Thompson, Cashier	General labor	80 00
C 24	Oct. 8	H. H. Stoeck	Travelling expenses	2 65
C 25	Oct. 12	M. E. Thompson, Cashier	Student labor	9 25
C 26	Oct. 14	W. W. and E. D. Hanes	Laboratory supplies	6 35
C 27	..do..	Twin City Printing Co.	Printing	4 05
C 28	..do..	Review Printing & Stationery Co.	Publications	1,694 11
C 29	..do..	The Arcus Ticket Co.	Printing	31 50
C 30	..do..	White Line Steam Laundry	Sundries	66 70
C 31	..do..	Urbana Courier Co.	Publications	18 42
C 32	..do..	Carl Fischer	Books	72 13
C 33	Oct. 15	Pay roll	October, 1915	225 00
		Beard, J. H.	Salary	\$ 25 00
		Andros, S. O.	..do.	200 00
C 34	..do..	M. E. Thompson, Cashier	Sundry bills	22 05
C 35	Oct. 20	Marshall Field & Co.	Towels	177 00
C 36	..do..	J. M. Hanson Bennett Magazine Agency	Railway guide	8 00
C 37	..do..	Twin City Printing Co.	Printing	4 05
C 38	..do..	Flanigan-Pearson Co.	..do.	115 00
C 39	Oct. 22	M. E. Thompson, Cashier	Bills paid	9 75
C 40	Oct. 26	Pantagraph Printing & Stationery Co.	Printing	121 41
C 41	..do..	Twin City Printing Co.	..do.	5 07
C 42	Oct. 27	Flanigan-Pearson Co.	..do.	15 53
C 43	..do..	Twin City Printing Co.	..do.	5 07
C 44	Oct. 30	S. O. Andros	Traveling expenses	9 30
C 45	..do..	University Press	Printing	4 25
C 46	Nov. 5	M. E. Thompson, Cashier	Bills paid	49 04
C 47	..do..	M. E. Thompson, Cashier	..do.	32 58
C 48	Nov. 11	P. S. Campbell	Printing	2 75
C 49	..do..	White Line Laundry	Laundry	141 85
C 50	..do..	D. E. Harris	Frappe	15 00
C 51	Nov. 12	M. E. Thompson, Cashier	Bills paid	17 50
C 52	..do..	M. E. Thompson, Cashier	..do.	37 73
C 53	Nov. 15	Pay roll	November, 1915	25 00
		Beard, J. H.	Salary	\$25 00
C 54	Nov. 19	G. R. Grubb & Co.	Zinc etchings	14 00
C 55	..do..	St. Louis Symphony Orchestra	Matinee and evening concert	1,000 00
C 56	..do..	Twin City Printing Co.	Printing	5 07
C 57	..do..	M. E. Thompson, Cashier	Bills paid	16 00
C 58	Nov. 26	M. E. Thompson, Cashier	..do.	6 50
C 59	..do..	M. E. Thompson, Cashier	..do.	1 35
C 60	..do..	E. H. Sargent & Co.	Laboratory supplies	5 05
C 61	..do..	Western Bank Note & Engraving Co.	Diplomas	740 70
C 62	Nov. 29	H. S. Capron, Cashier	Material furnished from University storeroom	95 99
C 63	Nov. 30	Twin City Printing Co.	Printing	4 05
C 64	..do..	John C. Moore Corporation	Office supplies	4 80
C 65	Dec. 8	M. E. Thompson, Cashier	Bills paid	49 85
C 66	..do..	M. E. Thompson, Cashier	..do.	9 95
C 67	Dec. 13	H. H. Stoeck	Traveling expenses	5 05
C 68	..do..	Guillick Tailoring Co.	Swimming trunks	18 50
C 69	..do..	White Line Laundry	Laundry	103 19
C 70	..do..	O. A. Harker	Traveling expenses	11 00
C 71	Dec. 14	Flanigan-Pearson Co.	Printing	36 94
C 72	..do..	The University Press	..do.	6 75
C 73	..do..	Urbana Courier Co.	Advertising	3 00
C 74	..do..	G. A. Goodenough	Traveling expenses	9 19
C 75	..do..	Pittsburgh Plate Glass Co.	Glass	1 75
C 76	Dec. 15	M. E. Thompson, Cashier	Bills paid	25 58
C 77	..do..	Louden & Flanigan	Printing	24 00
C 78	..do..	Urbana Courier Co.	..do.	39 55
C 79	..do..	Arcus Ticket Co.	..do.	15 00
C 80	Dec. 16	H. S. Capron, Treasurer	Material furnished from University storeroom	100 62
C 81	Dec. 21	M. E. Thompson, Cashier	Bills paid	9 65

## CONTINGENT EXPENSE VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
1915				
C 82	Dec. 22	Fred A. Smith Lumber Co.	Cedar post.	\$ 24 00
C 83	.do.	Ludlow Elevator Co.	Wire.	6 00
C 84	.do.	M. E. Thompson, Cashier.	Bills paid.	18 88
C 85	.do.	Twin City Printing Co.	Printing.	16 89
C 86	.do.	Flanigan-Pearson Co.	.do.	5 75
C 87	Dec. 31	W. D. Hatfield.	Salary, December, 1915.	60 00
C 88	.do.	Review Printing & Stationery Co.	Printing.	538 77
C 89	.do.	Gulick Tailoring Co.	Swimming trunks.	11 10
C 90	.do.	Chas. M. Webber, Postmaster.	Bulletins.	100 00
C 91	.do.	P. S. Campbell.	Printing.	3 25
C 92	.do.	Twin City Printing Co.	.do.	6 76
C 93	.do.	The Paper Mills Co.	.do.	250 63
1916				
C 94	Jan. 5	M. E. Thompson, Cashier.	Bills paid.	15 10
C 95	.do.	M. E. Thompson, Cashier.	.do.	3 44
C 96	Jan. 7	Pantagraph Printing & Stationery Co.	Printing.	353 49
C 97	.do.	Multicolor Sales Co.	Multicolor press.	360 00
C 98	.do.	B. A. Strauch.	Prints.	1 75
C 99	Jan. 10	White Line Laundry.	Laundry.	84 93
C 100	.do.	Marshall Field & Co.	Towels.	171 50
C 101	Jan. 12	M. E. Thompson, Cashier.	Labor bills.	55 50
C 102	.do.	M. E. Thompson, Cashier.	.do.	27 65
C 103	.do.	M. E. Thompson, Cashier.	Express bills.	2 45
C 104	Jan. 13	Pay roll.	January, 1916.	25 00
		Beard, J. H.	Salary.	\$25 00
C 105	.do.	Flanigan-Pearson Co.	Printing.	23 18
C 106	.do.	Twin City Printing Co.	.do.	5 07
C 107	.do.	P. S. Campbell.	.do.	25 75
C 108	.do.	B. E. Powell.	Traveling expenses.	8 59
C 109	Jan. 15	Pay roll.	January, 1916.	60 00
		Hatfield, W. D.	Salary.	\$60 00
C 110	Jan. 18	M. E. Thompson, Cashier.	Express bills.	5 69
C 111	.do.	M. E. Thompson, Cashier.	Labor bills.	14 78
C 112	.do.	M. E. Thompson, Cashier.	Bills paid.	17 32
C 113	Jan. 19	F. G. Roby.	Programs.	2 00
C 114	.do.	Central Union Telephone Co.	Exchange service.	6 00
C 115	.do.	Francis Grierson.	Services.	200 00
C 116	.do.	Mississippi Valley Historical Association.	Publications.	50 00
C 117	.do.	Urbana Courier Co.	.do.	34 00
C 118	.do.	Illinois State Reformatory.	Printing.	2 05
C 119	Jan. 20	Pay roll.	January, 1916.	75 00
		Sperry, J. A.	Salary.	\$75 00
C 120	Jan. 24	Twin City Printing Co.	Printing.	4 05
C 121	Jan. 25	M. E. Thompson, Cashier.	Labor bills.	14 45
C 122	.do.	Peck & Hills Furniture Co.	Mirror.	2 72
C 123	.do.	The Inner Braced Furniture Co.	Furniture and fixtures.	37 57
C 124	.do.	Spencer Lens Co.	Laboratory supplies.	94 95
C 125	.do.	Taylor Instrument Co.	.do.	26 42
C 126	.do.	Alumni Quarterly and Fortnightly Notes.	.do.	250 00
C 127	Jan. 27	Peck & Hills Furniture Co.	Chair.	10 25
C 128	.do.	Twin City Printing Co.	Printing.	6 08
C 129	Jan. 29	Frank S. Betz, Co.	Laboratory apparatus.	192 65
C 130	.do.	Joel A. Sperry.	Expert services.	25 00
C 131	Jan. 31	H. S. Capron, Treasurer.	Material furnished from University storeroom.	102 10
C 132	Feb. 2	The Association of American Universities.	Annual dues.	40 00
C 133	Feb. 5	M. E. Thompson, Cashier.	Express bills.	1 54
C 134	.do.	M. E. Thompson, Cashier.	Labor bills.	13 83
C 135	.do.	M. E. Thompson, Cashier.	.do.	17 46
C 136	Feb. 7	M. E. Thompson, Cashier.	.do.	22 50
C 137	.do.	M. E. Thompson, Cashier.	.do.	30 00
C 138	Feb. 8	Spencer Lens Co.	Laboratory apparatus.	31 05
C 139	.do.	The University Press.	Printing.	2 00
C 140	Feb. 11	Spencer Lens Co.	Laboratory supplies.	2 50
C 141	.do.	White Line Steam Laundry.	Laundry.	106 95
C 142	.do.	Twin City Printing Co.	Printing.	3 38
C 143	.do.	Urbana Courier Co.	.do.	20 75
C 144	Feb. 14	M. E. Thompson, Cashier.	Labor bills.	24 20
C 145	Feb. 15	Flanigan-Pearson Co.	Printing.	37 87
C 146	Feb. 16	M. E. Thompson, Cashier.	Labor bills.	13 16
C 147	.do.	M. E. Thompson, Cashier.	.do.	15 67
C 148	Feb. 17	Pay roll.	February, 1916.	50 00
		Beard, J. H.	Salary.	\$25 00
		Sperry, J. A.	.do.	25 00
C 149	Feb. 18	Underwood Typewriter Co.	Furniture and fixtures.	71 75
C 150	.do.	West Disinfecting Co.	Rentals.	1 50
C 151	.do.	F. A. Hardy & Co.	Laboratory apparatus.	58 33
C 152	Feb. 21	Twin City Printing Co.	Printing.	5 07

## CONTINGENT EXPENSE VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
1916				
C 153	Feb. 21	M. E. Thompson, Cashier	Labor bills	\$ 12 60
C 154	do.	M. E. Thompson, Cashier	Express bills	1 45
C 155	Feb. 23	Metzler & Schafer Co	General supplies	2 05
C 156	do.	Arthur E. Summers	Traveling expenses	13 14
C 157	do.	E. G. Burritt	do.	5 19
C 158	do.	C. H. Rammelkamp	do.	9 40
C 159	do.	A. R. Taylor	do.	7 00
C 160	do.	Charles A. Blanchard	do.	7 54
C 161	do.	G. A. Andreen	do.	21 47
C 162	do.	John S. Nollen	do.	11 20
C 163	do.	Flanigan-Pearson Co.	Printing	61 00
C 164	Feb. 25	M. E. Thompson, Cashier	Traveling bills	67 18
C 165	do.	M. E. Thompson, Cashier	Labor bills	20 88
C 166	do.	M. E. Thompson, Cashier	do.	9 30
C 167	Feb. 29	G. R. Grubb & Co.	Printing	12 00
C 168	do.	H. E. Cunningham	Traveling expenses	3 90
C 169	do.	Sharp & Smith	Medical supplies	6 90
C 170	do.	H. E. Griffith	Traveling expenses	7 01
C 171	do.	John E. Furray	do.	7 54
C 172	do.	W. L. Ray	do.	14 01
C 173	do.	Sidney A. Selter	Lecture expenses	17 50
C 174	do.	Julia H. Gulliver	Traveling expenses	12 74
C 175	do.	George M. Potter	do.	9 55
C 176	do.	H. W. Hurt	do.	12 02
C 177	do.	E. M. Barton	Bills paid	300 00
C 178	do.	M. E. Thompson, Cashier	do.	4 05
C 179	do.	Twin City Printing Co	Printing	3 00
C 180	do.	Louden & Flanigan	do.	
C 181	do.	H. S. Capron, Treasurer	Material furnished from University storeroom	57 34
C 182	do.	M. E. Thompson, Cashier	Labor bills	11 80
C 183	do.	M. E. Thompson, Cashier	do.	12 84
C 184	do.	D. H. Lloyd	Laboratory apparatus	128 80
C 185	do.	James Cassidy	Salary, February, 1916	65 25
C 186	Mar. 3	Capt. Thomas J. Smith	Interest	3,225 00
C 187	Mar. 7	M. E. Thompson, Cashier	Labor bills	30 89
C 188	do.	M. E. Thompson, Cashier	do.	42 00
C 189	Mar. 9	H. O. Pritchard	Traveling expenses	9 42
C 190	do.	H. D. Hoover	do.	9 38
C 191	do.	Chas. M. Webber	Postage	50 00
C 192	do.	Review Printing & Stationery Co	Maps	19 50
C 193	do.	Louden & Flanigan	Printing	1 50
C 194	do.	Review Printing & Stationery Co	do.	1,504 45
C 195	do.	Twin City Printing Co	do.	5 07
C 196	Mar. 10	M. E. Thompson, Cashier	Labor bills	12 21
C 197	do.	M. E. Thompson, Cashier	do.	28 98
C 198	Mar. 13	The Daily Illini	Advertising	4 00
C 199	do.	Johnson & Johnson	Laboratory supplies	11 66
C 200	do.	A. Long, Grocer	do.	5 48
C 201	Mar. 14	H. S. Capron, Treasurer	Material furnished from University storeroom	2 32
C 202	Mar. 14	Haensel & Jones	Contract	1,400 00
C 203	do.	E. H. J. Lorenz	Maps	50 00
C 204	Mar. 16	Pay roll	March, 1916	6,654 10
		Beard, J. H.	Salary	\$ 25 00
		Sperry, J. A.	do.	25 00
		Bogart, E. L.	do.	291 66
		Dewsnup, E. R.	do.	250 00
		Litman, Simon	do.	208 33
		Robinson, M. H.	do.	250 00
		Weston, H. A.	do.	270 83
		Hieronymus, R. E.	do.	125 00
		Heilman, R. E.	do.	216 66
		Thompson, C. M.	do.	208 33
		Thompson, J. G.	do.	200 00
		Chase W. A.	do.	240 00
		McJohnston, H.	do.	200 00
		Dreesen, W. H.	do.	60 00
		Stewart, C. L.	do.	180 00
		Young, L. W.	do.	250 00
		McMillen, G. B.	do.	50 00
		Littleton, A. C.	do.	150 00
		Scoville, N. T.	do.	220 00
		McKenna, E. L.	do.	60 00
		Little, R. F.	do.	50 00
		Jennings, W. W.	do.	60 00
		Bond, Ethel	do.	100 00
		Curtis, Florence	do.	141 66

## CONTINGENT EXPENSE VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
1916				
C 204	Mar. 16	Reece, E. J.	Salary	\$150 00
Cld.		Simpson, Frances	do	183 33
		Hill, Fanny W.	do	75 00
		Schwartz, G. F.	do	183 33
		Smith, Constance Barlow	do	166 66
		Erb, J. L.	do	250 00
		Van den Berg, H. J.	do	180 00
		Nasmyth, H. D.	do	170 00
		Morphy, E. W.	do	170 00
		Treat, Edna	do	100 00
		Harding, A. A.	do	83 33
		Wright, Mabelle	do	100 00
		Johnson, F. T.	do	110 00
		Davis, Bertha	do	100 00
		Day, W. B.	do	208 33
		Snow, C. M.	do	150 00
		Gathercoal, E. N.	do	108 33
		Eicher, B. L.	do	83 33
		Colson, H. W.	do	83 33
		Fantus, Bernard	do	16 66
		Clark, A. H.	do	150 00
C 205	Mar. 17	M. E. Thompson, Cashier	Labor bills	\$ 13 18
C 206	do	M. E. Thompson, Cashier	do	23 38
C 207	Mar. 20	Metropolitan Supply Co.	Printing	31 50
C 208	do	Louden & Flanigan	do	20 00
C 209	do	Review Printing & Stationery Co.	do	1,325 40
C 210	Mar. 23	James Cassiday	Services	69 75
C 211	do	Chas. M. Webber, Postmaster	Bulletins	50 00
C 212	do	Albert E. Wuestemen	Medals	21 00
C 213	do	E. H. Stoeck	Traveling expenses	18 69
C 214	do	B. A. Stranch	Frames	5 20
C 215	do	Charles A. Hall Hardware Co.*	Clover seed	60 86
C 216	do	Fisher Farmers' Grain & Coal Co.	do	65 00
C 217	do	A. E. White	General supplies	40 16
C 218	do	The Chester Transfer Co.	Traveling expenses	1 75
C 219	do	Kendric C. Babcock	do	11 49
C 220	do	Dr. Alice Luce	do	60 00
C 221	do	J. H. McMurray	do	9 74
C 222	do	F. K. Robeson	General supplies	4 81
C 223	do	H. O. Frey	Injuries	117 95
C 224	do	Twin City Printing Co.	Printing	5 87
C 225	Mar. 27	H. L. Rietz	Traveling expenses	12 90
C 226	do	P. H. Goldsmith	Lecture	25 00
C 227	do	The Eco-Thermal Co.	Eco-thermal	75 00
C 228	Mar. 29	M. E. Thompson, Cashier	Labor bills	23 49
C 229	do	M. E. Thompson, Cashier	do	56 10
C 230	Mar. 31	F. A. Hardy & Co.	Mirror	2 55
C 231	do	Oldham Brothers	General supplies	3 55
C 232	do	W. J. Litty & Co.	Pictures	100 00
C 233	do	Chas. M. Webber	Postage	50 00
C 234	do	M. E. Thompson, Cashier	Labor bills	31 00
C 235	do	Flanigan-Pearson Co.	Printing	66 25
C 236	do	M. E. Thompson, Cashier	Labor bills	40 50
C 237	do	H. S. Capron, Treasurer	Material furnished from University storeroom	128 59
C 238	do	John H. Doyle	Apparatus repairs	4 10
C 239	do	The Chester Transfer Co.	Taxi	2 75
C 240	do	Geo. A. Huff	Traveling expenses	31 14
C 241	do	Twin City Printing Co.	Printing	4 05
C 242	do	Flanigan-Pearson Co.	do	59 90
C 243	Apr. 4	Philharmonic Society of New York	Contract	1,200 00
C 244	Apr. 6	M. E. Thompson, Cashier	Labor bills	26 53
C 245	do	M. E. Thompson, Cashier	do	56 40
C 246	Apr. 8	M. E. Thompson, Cashier	Miscellaneous bills	6 74
C 247	Apr. 12	Chas. M. Webber	Postage	50 00
C 248	do	McGraw-Hill Book Co.	Coal and coke	3 40
C 249	do	H. L. Rietz	Traveling expenses	65 68
C 250	do	Pacific Flush Tank Co.	General supplies	6 03
C 251	do	E. H. Sargent & Co.	Laboratory apparatus	16 16
C 252	do	Sears, Roebuck & Co.	General supplies	1 05
C 253	do	American Type Founders Co.	Museum specimen	28 05
C 254	do	Holland Brass Works	General supplies	9 00
C 255	do	Barnhart Bros. & Spindler	Laboratory apparatus	24 20
C 256	do	Twin City Printing Co.	Printing	3 38
C 257	do	Urbana Courier Co.	do	48 65
C 258	do	Review Printing & Stationery Co.	do	1,010 92
C 259	Apr. 13	M. E. Thompson, Cashier	Miscellaneous bills	300 00
C 260	do	M. E. Thompson, Cashier	Labor bills	32 31

## CONTINGENT EXPENSE VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
1916				
C 261	Apr. 13	M. E. Thompson, Cashier	Express bills	\$ 1 16
C 262	Apr. 14	M. E. Thompson, Cashier	Labor bills	71 28
C 263	..do..	I. B. Lippincott Co.	Books	1 34
C 264	..do..	F. M. Leslie	General supplies	3 40
C 265	..do..	Enterprise Iron Works	Laboratory apparatus	349 86
C 266	..do..	Dan G. Swannell	Premium	2 50
C 267	..do..	Rogers & Hall Co.	Printing	348 98
C 268	..do..	J. W. Butler Paper Co.	..do	197 40
C 269	Apr. 17	Louden & Flaningam	..do	36 35
C 270	..do..	Twin City Printing Co.	..do	3 38
C 271	..do..	Luigi Bazzani	Museum specimen	220 00
C 272	..do..	Leo Baldwin	General supplies	12 00
C 273	Apr. 18	James Cassidy	Salary, April	69 75
C 274	..do..	E. H. Sargent & Co.	Laboratory supplies	3 33
C 275	..do..	Monier & Morrissey	Incidental	5 00
C 276	..do..	Ward M. Willets	Traveling expenses	17 27
C 277	..do..	Dan G. Swannell	Premium	38 50
C 278	..do..	Central Scientific Co.	Laboratory apparatus	19 44
C 279	..do..	Lon Rieckhoff	Food supplies	1 58
C 280	..do..	Dallenbach Brothers	..do	184 51
C 281	..do..	Champaign Steam Laundry	Laundry	70 13
C 282	..do..	J. F. Webster & Co.	Food supplies	27 57
C 283	..do..	Metzler & Schaefer Co.	..do	16 33
C 284	..do..	University Press	General supplies	1 50
C 285	..do..	Twin City Creamery Co.	Food supplies	43 00
C 286	..do..	Smith & Co.	Ice	40 00
C 287	..do..	Eisner Grocery Co.	Food supplies	89 34
C 288	..do..	The Fleischman Co.	..do	1 50
C 289	..do..	Farrar & Quinlan	..do	93 32
C 290	..do..	The Kny-Scheerer Corporation	Museum specimen	65 30
C 291	..do..	Louden & Flaningam	Printing	86 95
C 292	Apr. 19	Pay roll	April, 1916	250 00
C 293	..do..	Scott, Edna L.	Salary	\$250 00
		Pay roll	April, 1916	2,074 97
		Miller, Eva G.	Salary	\$ 66 66
		Decker, E. H.	..do	291 66
		Green, Frederick	..do	312 50
		Harker, O. A.	..do	333 33
		Hale, W. G.	..do	291 66
		Pomeroy, J. N.	..do	258 33
		Vernier, C. G.	..do	312 50
		Carpenter, C. E.	..do	208 33
		Pay roll	April, 1916	57,011 73
		Beard, J. H.	Salary	\$ 25 00
		Sperry, J. A.	..do	25 00
		Goss, W. F. M.	..do	500 00
		Fehrenkamp, Winifred	..do	83 33
C 294	..do..	Jones, R. T.	..do	150 00
		Hekking, W. M.	..do	150 00
		Kellogg, J. M.	..do	150 00
		Fanning, R. S.	..do	120 00
		Wolfe, W. S.	..do	120 00
		Burger, C. V.	..do	120 00
		Muehlman, R. E.	..do	140 00
		Dillenback, L. C.	..do	100 00
		Stanton, W. M.	..do	120 00
		Williams, A. E.	..do	150 00
		Danielson, R. R.	..do	100 00
		Hursh, R. K.	..do	150 00
		Radcliffe, B. S.	..do	150 00
		Geiger, C. F.	..do	40 00
		Bowling, B. L.	..do	83 33
		Wiley, C. C.	..do	141 66
		Newell, F. H.	..do	416 66
		Pickels, G. W.	..do	150 00
		Raynor, W. H.	..do	140 00
		Davis, R. E.	..do	140 00
		Sale, C. S.	..do	125 00
		Moore, C. R.	..do	141 66
		Knight, A. R.	..do	141 66
		Davis, J. W.	..do	140 00
		Miller, H. W.	..do	200 00
		Porter, F. M.	..do	133 33
		Steward, R. K.	..do	166 66
		Jordan, H. H.	..do	133 33
		Crane, Rufus	..do	100 00
		Atwell, C. A.	..do	100 00
		Murphy, R. E.	..do	30 00

## CONTINGENT EXPENSE VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
C 294 Ctd.	1916 Apr. 19	Banks, M. F.	Salary	\$ 80 00
		Benedict, B. W.	do	291 66
		Fisk, J. A.	do	91 66
		Waterfall, H. W.	do	160 00
		Frank, Edwin	do	130 00
		Lanham, E. T.	do	120 00
		Kennedy, R. E.	do	150 00
		Radebaugh, R. G. H.	do	150 00
		Gross, G. A.	do	150 00
		Hogue, J. H.	do	120 00
		DeTurk, J. A.	do	130 00
		Duncan, J. M.	do	90 00
		Rebman, P. J.	do	90 00
		McDowell, H. S.	do	130 00
		Godeke, H. F.	do	140 00
		Harper, A. C.	do	150 00
		Robinson, R. E.	do	120 00
		Holbrook, E. A.	do	229 16
		Stoek, H. H.	do	416 66
		Callen, A. C.	do	150 00
		Babbitt, H. E.	do	160 00
		Gardner, Harry	do	150 00
		Vallance, Alexander	do	150 00
		Putnam, W. J.	do	130 00
		Noerenberg, C. E.	do	170 00
		Hyslop, W. H.	do	100 00
		Warner, E. H.	do	105 00
		Nathanson, J. B.	do	80 00
		Hill, C. F.	do	75 00
		Fazel, C. S.	do	50 00
		Randolph, O. A.	do	110 00
		Bayley, P. L.	do	50 00
		Karrar, Sebastian	do	80 00
		Babcock, K. C.	do	458 33
		Lake, E. J.	do	208 33
		Wetmore, Mary M.	do	150 00
		Bradbury, C. E.	do	150 00
		Forbes, G. E.	do	150 00
		Stebbins, Joel	do	291 66
		Welo, L. A.	do	50 00
		Reed, F. W.	do	140 00
		Hague, Stella M.	do	110 00
		McDougal, W. B.	do	140 00
		Parr, Rosalie	do	80 00
		Dalbey, Nora E.	do	60 00
		Quick, B. E.	do	60 00
		Davis, R. L.	do	50 00
		Pickler, W. E.	do	50 00
		Clayberg, H. D.	do	60 00
		Miles, L. E.	do	50 00
		Beach, W. S.	do	50 00
		Waggoner, H. D.	do	60 00
		Young, Esther	do	50 00
		Kempton, F. E.	do	60 00
		Sperry, J. A.	do	170 00
		Tanner, F. W.	do	120 00
		Gross, C. R.	do	60 00
		Edwards, Reece	do	30 00
		Noyes, W. A.	do	458 33
		McFarland, D. F.	do	200 00
		Lewis, N. B.	do	183 33
		Broderson, H. J.	do	140 00
		Hecker, C. H.	do	120 00
		Cann, Jessie	do	120 00
		Olin, H. L.	do	120 00
		Sears, G. W.	do	120 00
		Anders, Paul	do	130 00
		Kremers, H. C.	do	60 00
		Rees, E. A.	do	60 00
		Charlton, E. E.	do	60 00
		Hess, R. W.	do	60 00
		Rowland, Floyd	do	50 00
		Gilmore, R. E.	do	60 00
		Braley, S. A.	do	60 00
		Skinner, G. S.	do	50 00
		Vollweiler, E. H.	do	50 00
		VanWinkle, W. A.	do	50 00



## CONTINGENT EXPENSE VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
C 294 Ctd.	1916 Apr. 19	Ford, J. T. ....	Salary .....	\$ 50 00
		Footitt, F. W. ....	do .....	50 00
		Braham, J. M. ....	do .....	50 00
		Owens, A. W. ....	do .....	50 00
		Westhaefer, T. O. ....	do .....	50 00
		Bissell, D. W. ....	do .....	50 00
		Davidson, C. N. ....	do .....	50 00
		Karr, W. G. ....	do .....	50 00
		Shepard, A. D. ....	do .....	35 00
		Portz, H. G. ....	do .....	35 00
		Lee, H. R. ....	do .....	35 00
		Reed, J. K. ....	do .....	30 00
		Okey, Ruth E. ....	do .....	30 00
		Winkelman, H. A. ....	do .....	30 00
		Reyerson, L. A. ....	do .....	30 00
		Beattie, H. J. ....	do .....	30 00
		Buell, Mary V. ....	do .....	30 00
		Yuteman, L. F. ....	do .....	30 00
		Bruce, W. R. ....	do .....	30 00
		Jordan, Louis. ....	do .....	30 00
		Hufford, R. W. ....	do .....	30 00
		Perry, Margaret. ....	do .....	30 00
		Updegraff, Helen. ....	do .....	30 00
		Powell, A. R. ....	do .....	30 00
		Cook, W. O. ....	do .....	10 00
		Morgan, R. W. ....	do .....	10 00
		Wrisley, G. A. ....	do .....	10 00
		Landstrom, A. M. ....	do .....	10 00
		Hahn, F. C. ....	do .....	10 00
		Brown, J. B. ....	do .....	30 00
		Weiland, H. J. ....	do .....	60 00
		Wells, L. S. ....	do .....	30 00
		Van Rosen, Gerard. ....	do .....	120 00
		Oleweine, J. H. ....	do .....	30 00
		Hicks, J. F. G. ....	do .....	50 00
		Zelle, Carl. ....	do .....	10 00
		Adler, L. ....	do .....	10 00
		Tippett, R. W. ....	do .....	50 00
		Taylor, S. C. ....	do .....	80 00
		Taylor, N. O. ....	do .....	10 00
		Hultman, O. N. ....	do .....	10 00
		Johnson, L. C. ....	do .....	120 00
		Hawthorne, W. S. ....	do .....	10 00
		French, H. E. ....	do .....	30 00
		Anderegg, F. O. ....	do .....	90 00
		Barton, H. J. ....	do .....	291 66
		Canter, H. V. ....	do .....	225 00
		Moss, C. M. ....	do .....	250 00
		Oldfather, W. A. ....	do .....	250 00
		Pease, A. S. ....	do .....	250 00
		Robinson, R. P. ....	do .....	30 00
		Bagley, W. C. ....	do .....	229 16
		Johnston, C. H. ....	do .....	312 50
		Miller, W. S. ....	do .....	166 66
		Whipple, G. M. ....	do .....	270 83
		Brown, J. C. ....	do .....	291 66
		Berninger, Harriet H. ....	do .....	50 00
		Cobb, Margaret. ....	do .....	50 00
		Pettinger, B. F. ....	do .....	240 00
		Baldwin, E. C. ....	do .....	175 00
		Clark, T. A. ....	do .....	41 66
		Dodge, D. K. ....	do .....	270 83
		Fulton, Edw. ....	do .....	175 00
		Jones, H. S. V. ....	do .....	183 33
		Paul, H. G. ....	do .....	208 33
		Scott, F. W. ....	do .....	208 33
		Sherman, S. P. ....	do .....	458 33
		Woolbert, C. H. ....	do .....	166 66
		Zeitlin, Jacob. ....	do .....	158 33
		Creek, H. L. ....	do .....	125 00
		Boyer, C. V. ....	do .....	141 66
		Schoepperle, Gertrude. ....	do .....	116 66
		Kyle, Martha J. ....	do .....	25 00
		Alden, E. S. ....	do .....	120 00
		Rinaker, Clarissa. ....	do .....	130 00
		Harris, L. H. ....	do .....	120 00
		Tieje, R. E. ....	do .....	120 00
		Jones, E. S. ....	do .....	130 00

## CONTINGENT EXPENSE VOUCHERS—Continued.

No.	Date	To whom.	For what.	Amount.
C 294 Ctd.	1916 Apr. 19	Schultz, W. E.	Salary	\$120 00
		Gregory, Allene	do	120 00
		Hustvedt, S. B.	do	120 00
		Loomis, R. S.	do	120 00
		Harbarger, Sada A.	do	100 00
		Kelso, Ruth	do	100 00
		Stanley, T. B.	do	100 00
		Sarett, L. R.	do	120 00
		Dixon, R. E.	do	120 00
		Beck, C. B.	do	50 00
		Cruzan, Myrtle	do	50 00
		Hillebrand, H. M.	do	150 00
		Thurber, C. N.	do	60 00
		Whitford, R. C.	do	110 00
		Sutelife, E. G.	do	110 00
		Harrington, H. F.	do	166 66
		Phelps, J. M.	do	100 00
		Weirick, R. B.	do	120 00
		Copley, Beatrice	do	50 00
		Curl, M. J.	do	140 00
		Baker, H. T.	do	120 00
		Forbes, S. A.	do	83 33
		Mosher, Edna	do	100 00
		Hamilton, C. C.	do	30 00
		Glasgow, R. D.	do	140 00
		Rich, J. L.	do	170 00
		Ross, C. S.	do	60 00
		DuBois, H. M.	do	60 00
		Read, M. K.	do	50 00
		Van Tuye, F. M.	do	120 00
		Kennedy, L. E.	do	40 00
		Savage, T. E.	do	203 98
		Brooks, N. C.	do	208 33
		Flom, G. T.	do	233 33
		Goebel, Julius	do	312 50
		Lessing, O. E.	do	291 66
		Bloomfield, Leonard	do	166 66
		Gillet, J. E.	do	133 33
		Blaisdell, Daisy	do	110 00
		Williams, C. A.	do	150 00
		Koller, A. H.	do	150 00
		Puckett, H. W.	do	150 00
		Nordmeyer, H. W.	do	130 00
		Kline, E. K.	do	120 00
		Greene, Alexander	do	150 00
		Alvord, C. W.	do	145 83
		Greene, E. B.	do	416 66
		Larson, L. M.	do	266 66
		Lybyer, A. H.	do	233 33
		Robertson, W. S.	do	208 33
		Jones, P. V. B.	do	150 00
		Pease, T. C.	do	125 00
		Cole, A. C.	do	150 00
		Brush, Elizabeth	do	100 00
		Gauger, Joe	do	40 00
		Miller, J. E.	do	60 00
		Borger, R. L.	do	125 00
		Crathorne, A. R.	do	166 66
		Emch, Arnold	do	187 50
		Lytle, E. B.	do	150 00
		Miller, G. A.	do	291 66
		Rietz, H. L.	do	158 33
		Shaw, J. B.	do	250 00
		Sisam, C. H.	do	183 33
		Townsend, E. J.	do	333 33
		Wahlin, G. E.	do	125 00
		Carmichael, R. D.	do	208 33
		Kempner, A. J.	do	133 33
		Denton, W. W.	do	140 00
		Chittenden, E. W.	do	140 00
		Wilson, L. T.	do	120 00
		Smith, G. W.	do	60 00
		Wilson, W. H.	do	60 00
		Borden, Raymond	do	60 00
		Frary, H. D.	do	60 00
		Keekley, J. S.	do	30 00
		Marshall, R. H.	do	60 00
		Roth, Wm. E.	do	60 00

## CONTINGENT EXPENSE VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
C 294 Ctd.	1916 Apr. 19	Green, C. F.	Salary	\$ 30 00
		Bode, B. H.	do	291 66
		Daniels, A. H.	do	333 33
		Shepherd, Queen	do	130 00
		Haessler, Carl	do	100 00
		Burge, W. E.	do	216 66
		Beard, J. H.	do	116 66
		Neill, Alma J.	do	60 00
		Garner, J. W.	do	333 33
		Mathews, J. M.	do	191 66
		Fairlie, J. A.	do	291 66
		Storey, R. M.	do	180 00
		Cushman, R. E.	do	120 00
		Bentley, Madison	do	270 83
		Ruckmich, C. A.	do	150 00
		Rahn, Carl	do	150 00
		Rogers, Sophie	do	35 00
		Wichman, Gerald	do	50 00
		McKenzie, Kenneth	do	333 33
		Carnahan, D. H.	do	225 00
		FitzGerald, J. D. II.	do	250 00
		Oliver, T. E.	do	250 00
		Seymour, A. R.	do	166 66
		Blondheim, D. S.	do	166 66
		Carry, C. S.	do	120 00
		Allen, Louis	do	100 00
		Kessler, James	do	100 00
		Soto, Rafael	do	100 00
		Dawson, E. R.	do	100 00
		Stone, H. K.	do	100 00
		Moore, O. H.	do	141 66
		Shulters, J. R.	do	80 00
		Laguardia, C. J. B.	do	100 00
		Hayes, E. C.	do	275 00
		Stevens, J. G.	do	150 00
		Watkins, Gordon	do	50 00
		Kingsley, J. S.	do	291 66
		Smith, Frank	do	250 00
		Word, H. B.	do	416 66
		Zeleny, Chas.	do	250 00
		Shelford, V. E.	do	166 66
		Van Cleave, H. J.	do	140 00
		May, H. G.	do	60 00
		Green, Bessie	do	60 00
		Conel, Jessie	do	60 00
		Powers, E. B.	do	60 00
		Magath, T. B.	do	35 00
		Higgins, G. M.	do	35 00
		Baumgartner, Rachel	do	35 00
		Heimberger, H. V.	do	60 00
		Kingman, R. H.	do	35 00
		Baldwin, Frances M.	do	100 00
		Kindred, J. E.	do	30 06
		Paul, Katherine	do	120 00
		Schmidt, Robt.	do	75 00
		Davenport, Eugene	do	500 00
		Greene, J. H.	do	50 00
		Aumer, J. P.	do	150 00
		Brunson, A. M.	do	100 00
		Clevenger, C. B.	do	100 00
		Dickenson, R. W.	do	116 66
		Ellis, O. L.	do	100 00
		Fahrnkopf, H. F. T.	do	100 00
		Gentle, G. E.	do	100 00
		Gernert, W. B.	do	175 00
		Gilkerson, H. C.	do	100 00
		Holt, S. V.	do	166 66
		Leighty, W. R.	do	133 33
		Hoskins, E. E.	do	166 66
		Sachs, W. H.	do	150 00
		Smith, L. H.	do	291 66
		Snider, H. J.	do	100 00
		Torgerson, E. F.	do	83 33
		Van Alstine, E.	do	208 33
		Wascher, F. M. W.	do	133 33
		de Werf, H. A.	do	83 33
		Wheeler, H. C.	do	166 66
		Whitchurch, J. E.	do	150 00

## CONTINGENT EXPENSE VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount
C 294 Ctd.	1916 Apr. 19	Morison, A. T.	Salary	\$ 70 00
		Richey, F. C.	do	70 00
		Stewart, Robt.	do	250 00
		Burlison, W. L.	do	233 33
		Wyatt, F. A.	do	100 00
		Garrett, F. W.	do	133 33
		Andrews, J. B.	do	116 66
		Bull, Sleetor	do	150 00
		Grindley, H. S.	do	333 33
		Joseph, W. E.	do	150 00
		Keith, Mary H.	do	108 33
		Mitchell, H. H.	do	150 00
		Newlin, C. I.	do	116 66
		Rusk, H. P.	do	233 33
		Wilcox, R. H.	do	100 00
		Snapp, R. R.	do	141 66
		Augustus, E. K.	do	83 33
		Slater, M. E.	do	83 33
		Ziesenheim, J. R.	do	50 00
		Handschin, W. F.	do	62 50
		Emmett, A. D.	do	166 66
		Hulce, I. S.	do	150 00
		Nevens, W. B.	do	83 33
		Turner, Frank	do	83 33
		Yapp, W. W.	do	116 66
		True, L. J.	do	83 33
		Chambers, W. H.	do	37 50
		Kohmann, E. F.	do	166 66
		Gosser, Harold	do	75 00
		Allison, I. D.	do	150 00
		Colby, A. S.	do	83 33
		Crandall, C. S.	do	291 66
		Englis, D. T.	do	60 00
		Gunderson, A. J.	do	133 33
		Heckt, August	do	83 33
		Hutchinson, J. I.	do	116 66
		Miller, Wilhelm	do	250 00
		Muncie, F. W.	do	125 00
		Peltier, G. L.	do	133 33
		Pickett, B. S.	do	266 66
		Ruth, W. A.	do	83 33
		Watkins, O. S.	do	200 00
		Tilton, L. D.	do	83 33
		Lauterbach, E. G.	do	33 33
		Palmer, W. K.	do	83 33
		Durst, C. E.	do	175 00
		Bunch, Mamie.	do	83 33
		Percival, Olive.	do	50 00
		Bogart, E. L.	do	291 66
		Dewsnup, E. R.	do	250 00
		Litman, Simon.	do	208 33
		Robinson, M. H.	do	250 00
		Weston, N. A.	do	270 83
		Hieronymus, R. E.	do	125 00
		Heilman, R. E.	do	216 66
		Thompson, C. M.	do	208 33
		Thompson, J. G.	do	200 00
		Chase, W. A.	do	240 00
		McJohnston, H.	do	200 00
		Dreeson, W. H.	do	60 00
		Stewart, C. L.	do	180 00
		Young, L. E.	do	250 00
		McMillen, G. B.	do	50 00
		Littleton, A. C.	do	150 00
		Seoville, H. T.	do	220 00
		McKenna, E. L.	do	60 00
		Little, R. F.	do	50 00
		Jennings, W. W.	do	60 00
		Bond, Ethel.	do	100 00
		Curtis, Florence.	do	141 66
		Reece, E. J.	do	150 00
		Simpson, Frances.	do	183 33
		Hill, Fanny W.	do	75 00
		Schwartz, G. F.	do	183 33
		Smith, Constance B.	do	166 66
		Erb, J. L.	do	250 00
		Van den Berg, H. J.	do	180 00
		Nasmyth, H. D.	do	170 00

## CONTINGENT EXPENSE VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
1916				
C 294	Apr. 19	Morphy, E. W.	Salary	\$170 00
Old.		Treat, Edna	do	100 00
		Harding, A. A.	do	82 33
		Wright, Mabelle	do	100 00
		Johnson, F. T.	do	110 00
		Davis, Bertha	do	100 00
		Day, W. B.	do	208 33
		Snow, C. M.	do	150 00
		Gathercoal, E. N.	do	108 33
		Eicher, B. L.	do	83 33
		Colson, H. W.	do	83 33
		Fantus, Bernard	do	16 66
		Clark, A. H.	do	150 00
C 295	do.	F. W. Beckman	Traveling expenses	\$ 34 12
C 296	do.	Theodore Kemp	do	6 92
C 297	do.	The Hercules Gas Engine Co.	Machinery	1,046 80
C 298	do.	Fisher Farmers' Grain & Seed Co.	Clover seed	31 25
C 299	do.	Pantagraph Printing & Stationery Co.	Printing	201 37
C 300	Apr. 20	M. E. Thompson, Cashier	Express bills	5 13
C 301	do.	M. E. Thompson, Cashier	Labor bills	57 71
C 302	do.	M. E. Thompson, Cashier	do	34 80
C 303	Apr. 21	H. S. Capron, Treasurer	Material furnished from University storeroom	136 96
C 304	Apr. 27	E. H. Sargent & Co.	Laboratory apparatus	41 85
C 305	do.	The University of Illinois Supply Store	General supplies	25 81
C 306	do.	Engineering Record	Books	18 00
C 307	do.	Geo. E. Jenks	Office supplies	13 44
C 308	do.	C. H. Stoelting Co.	General supplies	10 55
C 309	do.	F. C. Jorgeson & Co.	Furniture and fixtures	133 00
C 310	do.	The University Club	Traveling expenses	2 25
C 311	do.	J. Manley Phelps	do	6 98
C 312	do.	Dean K. C. Babcock	do	13 45
C 313	do.	Cooper Hewitt Electric Co.	Laboratory apparatus	22 88
C 314	do.	Detroit Flower Pot Co.	General supplies	22 24
C 315	do.	J. M. Fry & Son	do	2 15
C 316	do.	The Kny-Scheerer Corporation	Laboratory apparatus	22 70
C 317	do.	Bacon Bros.	Laboratory supplies	1 10
C 318	do.	Eisner Grocery Co.	do	6 63
C 319	do.	The Sneed & Co. Iron Works	Furniture and fixtures	35 00
C 310	do.	Prof. Henry S. Canby	Lecture and recitals	100 00
C 321	do.	Lansing Co.	Laboratory apparatus	18 50
C 322	do.	Weston Electric Instrument Co.	do	73 50
C 323	do.	Hunter, Rourke & Co.	General supplies	2 28
C 324	do.	Oldham Brothers	do	1 75
C 325	do.	Leo L. Baldwin	Furniture and fixtures	12 00
C 326	do.	Franklin Desk Factory	do	18 00
C 327	do.	The Anderson Galleries, Inc.	Museum specimen	45 25
C 328	do.	Geo. Murphy, Inc.	Publications	2 47
C 329	do.	Puget Sound Marine Station	Laboratory supplies	6 62
C 330	do.	Inman Hotel	Traveling expenses	4 05
C 331	do.	John M. Ornellas	Laboratory supplies	15 00
C 332	do.	Albert E. Wuesteman	Laboratory apparatus	5 00
C 333	do.	Charles Mulford Robinson	Traveling expenses	51 61
C 334	do.	Mr. Irving Fellner	do	15 40
C 335	do.	The Globe-Wernicke	Furniture and fixtures	149 40
C 336	do.	L. C. Smith & Bros. Typewriter Co.	Office equipment	62 50
C 337	do.	D. H. Lloyd	General supplies	1 50
C 338	do.	The Frederick Post Co.	Laboratory apparatus	180 00
C 339	do.	The Alexander Lumber Co.	General supplies	2 50
C 340	do.	Bacon Bros.	do	9 40
C 341	do.	Ross C. Purdy	Traveling expenses	86 23
C 342	do.	Keystone Type Foundry	General supplies	10 79
C 343	do.	The Harshaw, Fuller & Goodwin Co.	Laboratory supplies	1 60
C 344	do.	Western Stoneware Co.	do	6 00
C 345	do.	Mandle Clay Mining Co.	do	4 00
C 346	do.	The L. S. Starrett Co.	do	1 88
C 347	do.	Schermerhorn Bros. Co.	do	15 52
C 348	do.	Maxwell & Moore, Inc.	Laboratory apparatus	17 00
C 349	do.	Wm. Sellers & Co., 1600 Hamilton Street, Philadelphia, Pa.	Laboratory supplies	7 85
C 350	do.	Percival & Moorehead	do	3 00
C 351	do.	Taylor Hardware Co.	do	10 60
C 352	do.	J. H. Williams & Co.	General supplies	5 40
C 353	do.	Pittsburgh Plate Glass Co.	Glass	3 85
C 354	do.	G. R. Grubb & Co.	do	8 40
C 355	do.	Standard Oil Co.	Laboratory supplies	17 54
C 356	do.	Illinois Steel Co.	General supplies	7 61
C 357	do.	J. W. Butler Paper Co.	do	35 12

## CONTINGENT EXPENSE VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1916			
C 358	Apr. 27	R. C. Wagner & Son	Hauling	\$ 55 00
C 359	do.	The Autosec Co.	General supplies	3 02
C 360	do.	General Electric Co.	Laboratory apparatus	180 32
C 361	do.	The Capital Plating Co.	Brass tubes	1 37
C 362	do.	John Chatillon & Sons	Scales	13 25
C 363	do.	Chas. H. Besly & Co.	General supplies	58 02
C 364	do.	Leavitt Mfg. Co.	Steel	6 20
C 365	do.	The Cutter Hammer Mfg. Co.	Rheostats	73 51
C 366	do.	James G. Biddle	Laboratory apparatus	156 00
C 367	do.	Weston Electric Instrument Co.	Repair work	5 05
C 368	do.	Montgomery Ward & Co.	Engine truck	13 30
C 369	do.	Westinghouse Electric & Mfg. Co.	Voltmeters	35 26
C 370	do.	A. C. Callen	Traveling expenses	13 85
C 371	do.	Robt. Holmes & Bros.	General supplies	25 82
C 372	do.	Engineering & Mining Journal	do	5 00
C 373	do.	U. S. Blue Print Paper Co.	Table	5 49
C 374	do.	Ahrens & Schreiner	Animal feed	1 25
C 375	do.	Barron Bros. Coal Co.	General supplies	3 61
C 376	do.	Swift & Co.	do	7 88
C 377	do.	Chicago Towel Co.	Sundries	26 94
C 378	do.	W. H. Browne	Traveling expenses	8 15
C 379	do.	American Electric Supply Co.	General supplies	5 98
C 380	do.	A. C. McClurg & Co.	Office supplies	1 80
C 381	do.	Kasens Express & Van Co.	Express	14 67
C 382	do.	Butler Brothers	Clock	2 90
C 383	do.	Keystone Type Foundry	Laboratory apparatus	4 90
C 384	do.	Maas Brothers	General supplies	6 42
C 385	do.	Bradner, Smith & Co.	do	4 54
C 386	do.	A. C. McClurg & Co.	Printing	40 00
C 387	do.	Twin City Printing Co.	do	3 38
C 388	do.	Louden & Flaningam	do	10 00
C 389	do.	W. F. Robinson	do	14 75
C 390	do.	Flanigan-Pearson Co.	do	35 61
C 391	do.	Albert Bradford	Salary, April	60 00
C 392	do.	M. E. Thompson, Cashier	Labor bills	24 93
C 393	do.	M. E. Thompson, Cashier	do	83 73
C 394	Apr. 28	M. E. Thompson, Cashier	Express bills	48 71
C 395	do.	M. E. Thompson, Cashier	do	23 72
C 396	do.	M. E. Thompson, Cashier	Miscellaneous bills	80 88
C 397	Apr. 29	The Campaign News	Incidentals	2 00
C 398	do.	E. Marcuson	Laboratory apparatus	36 60
C 399	do.	H. Swansee & Son	Laboratory supplies	5 00
C 400	do.	Alumni Quarterly	Publications	250 00
C 401	do.	H. J. Barton	Lecture	27 27
C 402	do.	Allan Nevins	Expert services	100 00
C 403	do.	Central Music Hall	Rentals	65 00
C 404	do.	E. H. Sargent & Co.	Laboratory apparatus	9 85
C 405	do.	The University of Illinois Supply Store	Furniture and fixtures	20 40
C 406	do.	C. A. Hall Hardware Co.	General supplies	2 45
C 407	do.	Charles Mollet	Laboratory apparatus	21 30
C 408	do.	Alex. Nielson	General supplies	10 00
C 409	do.	The Fisher Governor Co.	Laboratory supplies	16 25
C 410	do.	Leavitt Mfg. Co.	General supplies	4 29
C 411	do.	Unshrinkable Metal Co.	Laboratory supplies	10 00
C 412	do.	Keystone Equipment Co.	General supplies	8 20
C 413	do.	A. Bushnell Co.	do	3 25
C 414	do.	Hunter, Rourke & Co.	do	6 00
C 415	do.	The Bristol Co.	Office equipment	6 53
C 416	do.	Standard Oil Co.	General supplies	17 49
C 417	do.	J. T. Ryerson & Son	do	16 20
C 418	do.	A. C. McClurg & Co.	Books	3 15
C 419	do.	Eimer & Amend	Laboratory supplies	171 39
C 420	do.	Earl Harrington	Salary, 1916, April	60 00
C 421	do.	J. W. Butler Paper Co.	Printing	23 45
C 422	do.	The Hammond Typewriter Co.	Office equipment	70 00
C 423	do.	H. S. Capron, Treasurer	Material furnished from University storeroom	750 82
C 424	May 4	Louise Bennett	Salary, April, 1916	29 25
C 425	do.	Paul T. Rokey	do	14 30
C 426	do.	Ethel Stanley	do	22 50
C 427	do.	Edward Lerch	do	18 13
C 428	do.	L. E. Voorhees	do	16 62
C 429	do.	H. N. Felton	do	10 00
C 430	do.	Bayard T. Klotzsche	do	38 80
C 431	do.	Berthier Fairbanks	do	24 80
C 432	do.	John Breedis	do	15 20
C 433	do.	J. F. Smith	do	16 10
C 434	do.	Dr. Rufus A. Lyman	Traveling expenses	40 24

## CONTINGENT EXPENSE VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1916			
C 435	May 4	Library of Congress.	General supplies.	\$ 18 85
C 436	do.	McKey & Poague.	Rentals.	500 00
C 437	do.	Dean W. F. M. Goss.	Traveling expenses.	31 39
C 438	do.	Chas. M. Webber, P. M.	Postage.	50 00
C 439	do.	The Linde Air Products Co.	Freight.	45
C 440	May 5	W. W. and E. D. Hanes.	Laboratory supplies.	1 80
C 441	do.	Central Union Telephone Co.	Services.	18 06
C 442	do.	E. C. Baldwin.	Traveling expenses.	20 85
C 443	do.	R. E. Tieje.	do.	2 75
C 444	do.	L. M. Larson.	do.	7 62
C 445	do.	School of Science and Mathematics.	Advertising.	8 00
C 446	do.	Eggleston Music House.	Rent.	36 00
C 447	do.	Arthur E. Bostwick.	Traveling expenses.	34 72
C 448	do.	J. H. Hiemann.	Typewriter cabinet.	16 00
C 449	do.	D. H. Lloyd.	Laboratory supplies.	1 60
C 450	do.	Barnhart Brothers.	Meat chopper.	1 00
C 451	do.	Ernst Hertzberg & Sons.	Books.	102 60
C 452	do.	Whitall Tatum Co.	General supplies.	41 44
C 453	do.	Frank S. Betz Co.	Table top.	15 75
C 454	do.	General Chemical Co.	Laboratory supplies.	98 85
C 455	do.	H. W. Johns-Manville Co.	Ash wood.	2 50
C 456	do.	A. S. Nelson & Sons.	Laboratory supplies.	4 00
C 457	do.	The Linde Air Products Co.	do.	3 00
C 458	do.	C. H. Stoelting Co.	Time clock.	12 00
C 459	do.	P. P. Caproni & Bro.	Museum specimen.	76 50
C 460	do.	The Alumni Association.	Advertising.	3 35
C 461	do.	Peoples Gas Light & Coke Co.	Lighting.	43 94
C 462	do.	The E. Horton & Son Co.	Laboratory apparatus.	23 33
C 463	do.	Weston Electrical Instrument Co.	General supplies.	72 00
C 464	do.	Hunter, Rourke & Co.	do.	4 00
C 465	do.	National Carbon Co.	Carbons.	2 67
C 466	do.	The Globe-Wernicke Co.	Laboratory apparatus.	6 00
C 467	do.	Taylor Hardware Co.	General supplies.	1 20
C 468	do.	American Institute of Mining Engineers.	Pamphlets.	1 60
C 469	do.	H. I. Carpenter.	Piano tuning.	4 50
C 470	do.	Richard C. Sant.	General supplies.	5 90
C 471	do.	Leonard Peterson & Co.	Exhibit cabinet.	48 45
C 472	do.	Anderson Galleries, Inc.	Museum specimens.	28 50
C 473	do.	G. R. Grubb & Co.	Zinc etchings.	150 00
C 474	do.	Urbana & Champaign Gas & Electric Co.	Laboratory apparatus.	3 00
C 475	do.	A. J. Nystrom & Co.	General supplies.	1 80
C 476	do.	New Jersey Entomological Co.	Museum specimens.	36 00
C 477	do.	Fuller-Morrison Co.	Laboratory supplies.	5 15
C 478	do.	Chicago Medical Book Co.	Books.	59 20
C 479	do.	M. E. Thompson, Cashier.	Labor bills.	269 99
C 480	do.	M. E. Thompson, Cashier.	do.	660 69
C 481	May 6	Minneapolis Symphony Orchestra.	Contract.	1,200 00
C 482	May 11	The Arthur H. Thomas Co.	Laboratory supplies.	69 63
C 483	do.	Central Scientific Co.	do.	102 58
C 484	do.	Norton Co.	do.	8 68
C 485	do.	E. H. Sargent & Co.	do.	61 98
C 486	do.	The University of Illinois Supply Store.	Furniture and fixtures.	19 58
C 487	do.	L. C. Smith & Bros. Typewriter Co.	Rentals.	22 50
C 488	do.	Oldham Brothers.	General supplies.	32 50
C 489	do.	P. P. Caproni & Bro., Inc.	Museum specimens.	128 75
C 490	do.	F. J. Burns & Co.	Laboratory supplies.	10 50
C 491	do.	The Caldwell Co.	General supplies.	2 50
C 492	do.	Keystone Electrical Instrument Co.	Apparatus fixtures.	1 90
C 493	do.	Peoria Stone & Marble Works.	Laboratory apparatus.	31 50
C 494	do.	Electrical Engineering Shop.	General supplies.	1 43
C 495	do.	Henry E. Tufts.	General clerical work.	2 50
C 496	do.	Professor James Milton O'Neill.	Traveling expenses.	17 43
C 497	do.	Charles H. Woolbert.	do.	10 20
C 498	do.	L. S. Baldwin.	Student labor.	67 20
C 499	do.	Mark Small.	General labor.	65 00
C 500	do.	Franklin Desk Factory.	Furniture and fixtures.	37 00
C 501	do.	George Strobe.	Furniture repairs.	10 00
C 502	do.	Vacuum Oil Co.	General supplies.	6 83
C 503	do.	E. H. Sargent Co.	Laboratory supplies.	23 92
C 504	do.	D. H. Lloyd.	Publications.	3 00
C 505	do.	Taylor Instrument Co.	Laboratory apparatus.	11 49
C 506	do.	Twin City Ice & Cold Storage.	General supplies.	2 00
C 507	do.	George Strobe.	Furniture repairs.	11 50
C 508	do.	White Line Laundry.	Sundries.	354 51
C 509	do.	T. J. Colvin & Son.	Laboratory supplies.	2 95
C 510	do.	Parke Davis & Co.	do.	5 82
C 511	do.	C. H. Stoelting Co.	Laboratory apparatus.	16 70
C 512	do.	Smith & Co.	Laboratory supplies.	8 00

## CONTINGENT EXPENSE VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1916			
C 513	May 11	Flanigan-Pearson Co.	Publications.	\$ 11 00
C 514	..do..	H. S. Capron, Treasurer.	Material furnished from University storeroom.	1,092 15
C 515	May 16	The University Press.	Printing.	7 85
C 516	..do..	J. W. Butler Paper Co.	..do..	63 05
C 517	..do..	W. T. Robinson.	..do..	16 50
C 518	..do..	The Chester Transfer Co.	Traveling expenses.	3 50
C 519	..do..	Lew R. Sarett.	..do..	2 05
C 520	..do..	Champaign Steam Laundry.	Sundries.	25 45
C 521	..do..	The School Century.	Advertising.	22 50
C 522	..do..	O. J. Batnum.	Incidentals.	4 50
C 523	..do..	John L. Rich.	Traveling expenses.	10 18
C 524	..do..	The Champaign Bottling Works.	Laboratory supplies.	9 50
C 525	..do..	Flanigan-Pearson Co.	Publications.	38 77
C 526	..do..	The Braun Corporation.	General supplies.	1 56
C 527	..do..	Quality Grocery.	Laboratory supplies.	22 36
C 528	..do..	E. V. Kirby Auto Co.	Machinery and tools.	405 00
C 529	..do..	Louden & Flanigan.	Printing.	1 50
C 530	..do..	Hanovia Chemical & Mfg. Co.	Laboratory supplies.	10 63
C 531	..do..	Rogers & Hall Co.	Publications.	118 76
C 532	..do..	E. H. Sargent & Co.	Laboratory supplies.	2 25
C 533	..do..	Woldenberg & Schaar.	..do..	74 25
C 534	..do..	H. Barton.	Library.	17 50
C 535	..do..	Bacon Bros.	General supplies.	9 50
C 536	..do..	T. E. Savage.	Traveling expenses.	11 53
C 537	..do..	M. E. Thompson, Cashier.	Labor bills.	25 91
C 538	..do..	M. E. Thompson, Cashier.	..do..	40 65
C 539	..do..	F. J. Robeson.	General supplies.	3 52
C 540	..do..	General Electric Co.	Laboratory apparatus.	57 00
C 541	..do..	E. H. Sargent & Co.	..do..	104 99
C 542	..do..	Denver Fire Clay Co.	..do..	90 00
C 543	..do..	H. Swannell & Son.	General supplies.	1 50
C 544	..do..	The Foxboro Co.	..do..	5 36
C 545	..do..	Howell C. Brown, Secretary.	Freight.	1 53
C 546	..do..	J. W. Butler Paper Co.	General supplies.	3 49
C 547	..do..	Ludlow Elevator Co.	..do..	54 00
C 548	..do..	Arthur H. Thomas Co.	Laboratory apparatus.	168 75
C 549	..do..	New Jersey Entomological Co.	Museum specimens.	57 55
C 550	..do..	Soft Water Laundry.	Sundries.	1 86
C 551	..do..	Electric Storage Battery Co.	Laboratory apparatus.	6 75
C 552	..do..	C. H. Stoetling Co.	Apparatus repairs.	1 53
C 553	..do..	Wilton G. Brown.	General supplies.	13 99
C 554	..do..	Exporters' Encyclopedia Co.	Library.	7 50
C 555	..do..	Duncan Electric Mfg. Co.	General supplies.	3 50
C 556	..do..	Mechanists Supply Co.	Laboratory apparatus.	13 20
C 557	..do..	Fuller-Morrisson Co.	..do..	1 40
C 558	..do..	Parke-Davis & Co.	Laboratory supplies.	2 13
C 559	..do..	Pittsburgh Plate Glass Co.	Furniture repairs.	27 80
C 560	..do..	F. J. Burns & Co.	Laboratory supplies.	1 60
C 561	..do..	Standard Oil Co.	General supplies.	65 53
C 562	..do..	Globe Wernicke Co.	Furniture and fixtures.	77 25
C 563	..do..	Quality Grocery.	General supplies.	30 43
C 564	..do..	Twin City Printing Co.	Printing.	5 65
C 565	..do..	Louden & Flanigan.	..do..	3 50
C 566	May 17	G. R. Grubb & Co., Engravers.	Publications.	14 65
C 567	..do..	Fuller-Morrisson & Co.	General supplies.	3 50
C 568	..do..	New Process Gear Corporation.	..do..	3 10
C 569	..do..	Superior Oxygen Co. of Missouri.	Laboratory supplies.	4 50
C 570	..do..	F. J. Burns & Co.	..do..	1 95
C 571	..do..	Weston Electrical Instrument Co.	Apparatus repairs.	2 60
C 572	..do..	The Frederick A. Stokes Co.	General supplies.	1 06
C 573	..do..	J. T. Ryerson & Son.	..do..	14 40
C 574	..do..	A. I. Root Co.	..do..	3 50
C 575	..do..	Taylor Hardware Co.	General supplies.	6 65
C 576	..do..	Arthur H. Thomas Co.	Laboratory apparatus.	104 97
C 577	May 18	Louden & Flanigan.	Printing.	27 25
C 578	..do..	Urbana Courier Co.	..do..	53 98
C 579	..do..	J. M. Hanson-Bennett Magazine Agency.	General supplies.	1 25
C 580	..do..	O. A. Leutwiler.	Traveling expenses.	10 74
C 581	..do..	D. E. Harris.	General supplies.	1 40
C 582	..do..	B. E. Spalding.	..do..	34 28
C 583	..do..	Peck & Hills Furniture Co.	Furniture and fixtures.	11 76
C 584	..do..	G. C. Willis.	General supplies.	120 00
C 585	..do..	Edward C. Schmidt.	Traveling expenses.	13 44
C 586	..do..	Arthur A. Stoughton.	..do..	16 38
C 587	..do..	John V. Van Pelt.	..do..	64 63
C 588	..do..	Bausch & Lomb Optical Co.	Laboratory apparatus.	108 00
C 589	..do..	The University of Minnesota.	Publications.	2 00



## CONTINGENT EXPENSE VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1916			
C 590	May 18	E. H. Sargent & Co.	Laboratory supplies.	\$ 48 60
C 591	..do..	W. A. Noyes	..do..	7 00
C 592	..do..	Central Scientific Co.	..do..	52 50
C 593	..do..	Swartz Electrical Shop	General supplies.	2 00
C 594	..do..	Pittsburgh Electric Specialty Co.	Apparatus repairs	2 75
C 595	..do..	The Standard Calorimeter Co.	Laboratory supplies.	9 45
C 596	..do..	Central Scientific Co.	..do..	7 60
C 597	..do..	Dr. D. A. MacInnes	Traveling expenses.	15 59
C 598	..do..	Mr. Scott C. Taylor	..do..	14 34
C 599	..do..	Dr. G. D. Beal	..do..	17 78
C 600	..do..	S. W. Parr	..do..	19 99
C 601	..do..	Henry B. Ward	..do..	7 47
C 602	..do..	National Carbon Co.	General supplies.	18 00
C 603	..do..	General Chemical Co.	Laboratory supplies.	69 00
C 604	..do..	F. K. Robeson	..do..	57 50
C 605	..do..	The Tablet & Ticket Co.	..do..	1 24
C 606	..do..	Tice & Lynch, Inc.	Freight.	4 00
C 607	..do..	Maude Dott	Traveling expenses.	11 35
C 608	..do..	Arthur S. Colley	General supplies.	10 60
C 609	..do..	G. W. Sheldon & Co.	Freight.	421 00
C 610	May 19	The Shaw-Walker Co.	Office supplies.	2 35
C 611	..do..	Bacon Brothers	General supplies.	1 80
C 612	..do..	The Burr Co.	..do..	1 20
C 613	..do..	Eugene Dietzgen Co.	Office supplies.	2 00
C 614	..do..	Roller-Smith Co.	Apparatus repairs	6 00
C 615	..do..	Crouse-Hinds Co.	..do..	88 05
C 616	..do..	Lussky, White & Coolidge, Inc.	..do..	9 41
C 617	..do..	The Beardsley Hotel	Traveling expenses.	35 30
C 618	..do..	Empire Laundry	Sundries.	5 84
C 619	..do..	P. M. Leslie	Furniture and fixtures.	21 40
C 620	..do..	H. Swannell & Son.	Laboratory supplies.	1 95
C 621	..do..	C. F. Harding	Salary.	100 00
C 622	..do..	Albert Bradford	..do..	60 00
C 623	..do..	H. S. Capron, Treasurer	Material furnished from University storeroom.	578 79
C 624	..do..	M. E. Thompson, Cashier.	Miscellaneous bills.	107 89
C 625	..do..	M. E. Thompson, Cashier.	..do..	31 76
C 626	..do..	M. E. Thompson, Cashier.	..do..	206 21
C 627	..do..	M. E. Thompson, Cashier.	..do..	4 20
C 628	..do..	M. E. Thompson, Cashier.	..do..	41 25
C 629	..do..	M. E. Thompson, Cashier.	..do..	13 55
C 630	..do..	Pay roll.	May, 1916.	250 00
		Beard, J. H.	Salary.	\$ 25 00
		Sperry, J. A.	..do..	25 00
		Young, C. M.	..do..	200 00
C 631	..do..	Pay roll.	May, 1916.	707 41
		Barto, D. O.	Salary.	\$100 00
		Bailey, E. W.	..do..	145 10
		Durst, C. E.	..do..	175 00
		Ruth, W. A.	..do..	83 33
		Savage, T. E.	..do..	203 98
C 632	..do..	Pay roll.	May, 1916.	6,320 90
		Clark, T. A.	Salary.	\$458 33
		Warnock, A. R.	..do..	166 66
		Fair, Sue M.	..do..	85 00
		Kyle, Martha J.	..do..	145 83
		Martin, Ada North.	..do..	66 66
		Huff, G. A.	..do..	416 66
		Fargo, R. N.	..do..	183 33
		Zuppke, R. C.	..do..	83 33
		Manley, E. J.	..do..	120 00
		Glimstedt, O. H.	..do..	60 00
		Gill, Harry E.	..do..	150 00
		Jones, R. R.	..do..	75 00
		Romeiser, Alvin.	..do..	50 00
		Evans, W. E.	..do..	90 00
		Freer, Louise.	..do..	116 66
		Brooks, Verna.	..do..	120 00
		Hughitt, Anna.	..do..	120 00
		Gaut, Rosa-Lee.	..do..	50 00
		Osmond, Edith G.	..do..	100 00
		Morris, Caroline.	..do..	80 00
		Hemenway, Margaret.	..do..	20 00
		Harding, A. A.	..do..	91 66
		Lamkins, L. E.	..do..	10 00
		Gift, L. H.	..do..	4 00
		Lewis, J. T.	..do..	4 00
		Shelby, Edwin.	..do..	20 00

## CONTINGENT EXPENSE VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
C 632 Cld.	1916 May 19	Van Natter, F. M.	Salary	\$ 20 00
		Lamkins, L. E.	do	20 00
		Thomas, R. R.	do	20 00
		Troster, C. J.	do	20 00
		Curtiss, George	do	20 00
		Mason, R. S.	do	20 00
		Steinmeyer, R. A. J.	do	20 00
		Miller, D. E.	do	20 00
		McCumber, C. W.	do	20 00
		Kasten, W. H.	do	20 00
		Mearns, R. W.	do	48 00
		Hollister, H. A.	do	270 83
		Didecoct, J. J.	do	133 33
		Windsor, P. L.	do	316 66
		Goulding, P. S.	do	183 33
		Patton, Adah	do	108 33
		Signor, Nelle	do	43 33
		Hubbard, Marie	do	55 00
		Baechtold, Elsie	do	65 00
		Seller, Erna	do	27 50
		Bell, Norma	do	27 50
		Romero, Newman	do	27 50
		Runyan, C. E.	do	30 00
		Branch, Nellie	do	32 50
		Shelton, Wilma	do	65 00
		Lindholm, Karwin J.	do	27 50
		Herdman, Margaret	do	75 00
		Janvrin, C. E.	do	50 00
		Leathermann, Marian	do	80 00
		Torrance, Mary	do	83 33
		Wyeth, Ola	do	83 33
		Sparks, Marion	do	70 00
		Jutton, Emma R.	do	116 66
		Benson, Susan	do	65 00
		Fontaine, E. O.	do	42 50
		Burger, A.	do	27 50
		Lenz, A. H.	do	27 50
		Klein, Gordon	do	27 50
		Craig, Florence	do	21 66
		Newlin, W. B.	do	27 50
		Drury, F. K. W.	do	208 33
		Graves, C. E.	do	116 66
		Stone, C. H.	do	30 00
		Renich, Mary E.	do	30 00
		Rugg, E. U.	do	40 00
		Felsenthel, Emma	do	100 00
		Hutchins, Margaret	do	100 00
		Johnson, Alice	do	100 00
		Eldridge, A. G.	do	250 00
C 633 ..do...	May, 1916	Pay roll	May, 1916	\$55,797 76
		Greene, J. H.	Salary	\$ 50 00
		Aumer, J. P.	do	150 00
		Brunson, A. M.	do	100 00
		Clevenger, C. B.	do	100 00
		Dickenson, R. W.	do	116 66
		Ellis, O. I.	do	100 00
		Fahrnkopf, H. F. T.	do	100 00
		Garett, F. W.	do	133 33
		Gentle, G. E.	do	100 00
		Gernert, W. B.	do	175 00
		Gilkerson, H. C.	do	100 00
		Holt, S. V.	do	166 66
		Leighty, W. R.	do	133 33
		Hoskins, E. E.	do	83 33
		Sachs, W. H.	do	150 00
		Smith, L. H.	do	291 66
		Snider, H. J.	do	100 00
		Torgerson, E. F.	do	83 33
		Van Alstine, E.	do	208 33
		Wascher, F. M. W.	do	133 33
		de Werf, H. A.	do	83 33
		Wheeler, H. C.	do	166 66
		Whitchurch, J. E.	do	150 00
		Morison, A. T.	do	70 00
		Richey, F. C.	do	70 00
		Stewart, Robt.	do	250 00
		Burlison, W. L.	do	233 33
		Wyatt, F. A.	do	100 00

## CONTINGENT EXPENSE VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
C 633 Ctd.	1916 May 19	Andrews, J. B.	Salary	\$116 66
		Bull, Sleetor	do	150 00
		Grindley, H. S.	do	333 33
		Joseph, W. E.	do	150 00
		Mitchell, H. H.	do	150 00
		Newlin, C. I.	do	116 66
		Rusk, H. P.	do	233 33
		Wilcox, R. H.	do	100 00
		Snapp, R. R.	do	141 66
		Augustus, E. K.	do	83 33
		Slater, M. E.	do	83 33
		Ziesenheim, J. R.	do	50 00
		Hendschin, W. F.	do	62 50
		Emmett, A. D.	do	166 66
		Hulce, R. S.	do	150 00
		Neuens, W. B.	do	83 33
		Turner, Frank	do	83 33
		Yapp, W. W.	do	116 66
		True, L. J.	do	83 33
		Chambers, W. H.	do	37 50
		Kohmann, E. F.	do	166 66
		Allison, I. D.	do	150 00
		Colby, A. S.	do	83 33
		Crandall, C. S.	do	291 66
		Dorner, H. B.	do	250 00
		Englis, D. T.	do	60 00
		Gunderson, A. J.	do	133 33
		Heckt, August	do	83 33
		Hutchinson, J. I.	do	116 66
		Miller, Wilhelm	do	250 00
		Muncie, F. W.	do	125 00
		Peltier, G. L.	do	133 33
		Pickett, B. S.	do	266 66
		Watkins, O. S.	do	200 00
		Tilton, L. D.	do	83 33
		Lauterbach, E. G.	do	33 33
		Palmer, W. K.	do	83 33
		Bunch, Mamie	do	83 33
		Percival, Olive	do	50 00
		Goss, W. F. M.	do	500 00
		Fehrenkamp, Winifred	do	83 33
		Jones, R. T.	do	150 00
		Kekking, W. M.	do	150 00
		Kellogg, J. M.	do	150 00
		Fanning, R. S.	do	120 00
		Wolfe, W. S.	do	120 00
		Burger, C. V.	do	120 00
		Muehlman, R. E.	do	140 00
		Dillenback, L. C.	do	100 00
		Stanton, W. M.	do	120 00
		Williams, A. E.	do	150 00
		Danielson, R. R.	do	100 00
		Hursh, R. K.	do	150 00
		Radcliffe, B. S.	do	150 00
		Geiger, C. F.	do	40 00
		Bowling, B. L.	do	83 33
		Wiley, C. C.	do	141 66
		Newell, F. H.	do	416 66
		Pickels, G. W.	do	150 00
		Raynor, W. H.	do	140 00
		Davis, R. E.	do	140 00
		Sale, G. S.	do	125 00
		Moore, C. R.	do	141 66
		Knight, A. R.	do	141 66
		Davis, J. W.	do	140 00
		Miller, H. W.	do	200 00
		Porter, F. M.	do	133 33
		Steward, R. K.	do	166 66
		Jordan, H. H.	do	133 33
		Crane, Rufus	do	100 00
		Atwell, C. A.	do	100 00
		Murphy, R. E.	do	30 00
		Banks, M. F.	do	80 00
		Benedict, B. W.	do	291 66
		Fisk, J. A.	do	91 66
		Waterfall, H. W.	do	160 00
		Frank, Edwin	do	130 00
		Lanham, E. T.	do	120 00

## CONTINGENT EXPENSE VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
C 633 Ctd.	1916 May 19	Kennedy, R. E.	Salary	\$150 00
		Radebaugh, G. H.	do	150 00
		Gross, G. A.	do	150 00
		Hogue, J. H.	do	120 00
		De Turk, J. A.	do	130 00
		Duncan, J. M.	do	90 00
		Rebman, P. J.	do	90 00
		McDowell, H. S.	do	130 00
		Godeke, H. F.	do	140 00
		Harper, A. C.	do	150 00
		Robinson, R. E.	do	120 00
		Holbrook, E. A.	do	229 16
		Stoek, H. H.	do	416 66
		Callen, A. C.	do	150 00
		Babbitt, H. E.	do	160 00
		Gardner, Harry	do	150 00
		Vallance, Alexander	do	150 00
		Putnam, W. J.	do	130 00
		Noerenberg, C. E.	do	170 00
		Hyslop, W. H.	do	100 00
		Warner, E. H.	do	105 00
		Nathanson, J. B.	do	80 00
		Hill, C. F.	do	75 00
		Fazel, C. S.	do	50 00
		Randolph, O. A.	do	110 00
		Bayley, P. L.	do	50 00
		Karrer, Sebastian	do	80 00
		Babcock, K. C.	do	458 33
		Lake, E. J.	do	208 33
		Wetmore, Mary M.	do	150 00
		Bradbury, C. E.	do	150 00
		Forbes, G. E.	do	150 00
		Stebbins, Joel	do	291 66
		Welo, L. A.	do	50 00
		Reed, F. W.	do	140 00
		Hague, Stella M.	do	110 00
		McDougal, W. B.	do	140 00
		Parr, Rosalie	do	80 00
		Dalbey, Nora E.	do	60 00
		Quick, B. E.	do	60 00
		Davis, R. L.	do	50 00
		Pickler, W. E.	do	50 00
		Clayberg, H. D.	do	60 00
		Miles, L. E.	do	50 00
		Beach, W. S.	do	50 00
		Waggoner, H. D.	do	60 00
		Young, Esther	do	50 00
		Kempton, F. E.	do	60 00
		Sperry, J. A.	do	170 00
		Tanner, F. W.	do	120 00
		Gross, C. R.	do	60 00
		Edwards, Reece	do	30 00
		Noyes, W. A.	do	458 33
		McFarland, D. F.	do	200 00
		Lewis, H. B.	do	183 33
		Broderson, H. J.	do	140 00
		Hecker, C. H.	do	120 00
		Cann, Jessie	do	120 00
		Olin, H. L.	do	120 00
		Sears, G. W.	do	120 00
		Anders, Paul	do	130 00
		Kremers, H. C.	do	60 00
		Rees, E. A.	do	60 00
		Charlton, E. E.	do	60 00
		Hess, R. W.	do	60 00
		Rowland, Floyd	do	50 00
		Gilmore, R. E.	do	60 00
		Barley, S. A.	do	60 00
		Skinner, G. S.	do	50 00
		Vollweiler, E. H.	do	50 00
		Van Winkle, W. A.	do	50 00
		Ford, J. T.	do	50 00
		Footitt, F. W.	do	50 00
		Braham, J. M.	do	50 00
		Owens, A. W.	do	50 00
		Westhaefer, T. O.	do	50 00
		Bissell, D. W.	do	50 00
		Davidson, C. N.	do	50 00

## CONTINGENT EXPENSE VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
C 633 Ctd.	1916 May 19	Karr, W. G.	Salary.	\$ 50 00
		Shepard, A. D.	do.	35 00
		Portz, H. G.	do.	20 00
		Lee, H. R.	do.	35 00
		Reed, J. K.	do.	30 00
		Okey, Ruth E.	do.	30 00
		Winkelmann, H. A.	do.	30 00
		Reyerson, L. A.	do.	30 00
		Beattie, H. J.	do.	30 00
		Buell, Mary V.	do.	30 00
		Yutema, I. F.	do.	30 00
		Bruce, W. R.	do.	30 00
		Jordan, Louis.	do.	30 00
		Hufford, R. W.	do.	30 00
		Ferry, Margaret.	do.	30 00
		Opdegraff, Helen.	do.	30 00
		Powell, A. R.	do.	30 00
		Cook, W. O.	do.	10 00
		Morgan, R. W.	do.	10 00
		Wisley, G. A.	do.	10 00
		Landsstrom, A. M.	do.	10 00
		Bahn, F. C.	do.	10 00
		Brown, J. B.	do.	30 00
		Welland, H. J.	do.	30 00
		Wells, L. S.	do.	30 00
		Van Rossen, Genard.	do.	120 00
		Olewine, J. H.	do.	50 00
		Hicks, J. F. G.	do.	10 00
		Zelle, Carl.	do.	10 00
		Adler, L.	do.	10 00
		Tippett, R. W.	do.	50 00
		Taylor, S. C.	do.	10 00
		Taylor, N. O.	do.	10 00
		Rutman, O. N.	do.	10 00
		Johnson, L. C.	do.	120 00
		Hawthorne, W. S.	do.	10 00
		Frendt, H. E.	do.	30 00
		Anderegg, F. O.	do.	30 00
		Barton, H.	do.	291 66
		Carter, H. V.	do.	255 00
		Mess, C. M.	do.	255 00
		Oldfather, W. A.	do.	250 00
		Pease, A. S.	do.	30 00
		Robinson, C.	do.	229 16
		Bagley, W. C.	do.	312 50
		Johnson, C. H.	do.	186 66
		Miller, W. S.	do.	291 66
		Whipple, G. M.	do.	270 82
		Brown, J. C.	do.	291 66
		Reynier, Harriet J.	do.	50 00
		Cobb, Margaret.	do.	50 00
		Pettit, B. F.	do.	240 00
		Baldwin, E. C.	do.	175 00
		Clark, T. A.	do.	41 66
		Dodge, D. K.	do.	270 82
		Fulton, Edw.	do.	175 00
		Jones, H. S. V.	do.	183 32
		Paul, H. G.	do.	208 32
		Scott, F. W.	do.	208 32
		Sheran, S. P.	do.	458 32
		Woodbert, C. H.	do.	166 66
		Zaitlin, Jacob.	do.	158 32
		Crack, H.	do.	125 00
		Royer, C. V.	do.	141 66
		Schoepfle, Gertrude.	do.	116 66
		Kyle, Martha J.	do.	25 00
		Allen, E. S.	do.	120 00
		Rinkor, Clarissa.	do.	130 00
		Harris, L. H.	do.	120 00
		Tieje, R. E.	do.	120 00
		Jones, E. S.	do.	130 00
		Schultz, W. E.	do.	120 00
		Gregory, Allene.	do.	120 00
		Husvedt, S. B.	do.	120 00
		Loomis, R. S.	do.	120 00
		Harbarger, Sada A.	do.	100 00
		Kelso, Ruth.	do.	100 00
		Stanley, T. B.	do.	100 00

## CONTINGENT EXPENSE VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
C 633 Ctd.	1916 May 19	Sarett, L. R.	Salary	\$120 00
		Dixon, R. E.	do.	120 00
		Beck, C. B.	do.	50 00
		Cruzan, Myrtle	do.	50 00
		Hillebrand, H. M.	do.	150 00
		Thurber, C. N.	do.	60 00
		Whitford, R. C.	do.	110 00
		Sutcliffe, E. G.	do.	110 00
		Harrington, H. F.	do.	166 66
		Phelps, J. M.	do.	100 00
		Weirick, R. B.	do.	420 00
		Copley, Beatrice	do.	50 00
		Cur, M. J.	do.	140 00
		Baker, H. T.	do.	120 00
		Forbes, S. A.	do.	83 33
		Mosher, Edna	do.	100 00
		Hamilton, C. C.	do.	30 00
		Glasgow, R. D.	do.	140 00
		Ross, C. S.	do.	60 00
		Du Bois, H. M.	do.	60 00
		Read, M. K.	do.	50 00
		Van Tuye, F. M.	do.	120 00
		Kennedy, L. E.	do.	40 00
		Brocks, N. C.	do.	208 33
		Flom, G. T.	do.	233 33
		Goebel, Julius	do.	312 50
		Lessing, O. E.	do.	291 66
		Bloomfield, Leonard	do.	166 66
		Gillet, J. E.	do.	133 33
		Blaisdell, Daisy	do.	110 00
		Williams, C. A.	do.	150 00
		Koller, A. H.	do.	150 00
		Puckett, H. W.	do.	150 00
		Nordmeyer, H. W.	do.	130 00
		Kline, E. K.	do.	120 00
		Greene, Alexander	do.	150 00
		Alvord, C. W.	do.	145 83
		Greene, E. B.	do.	416 66
		Larson, L. M.	do.	266 66
		Lybyer, A. H.	do.	233 33
		Robertson, W. S.	do.	208 33
		Jones, P. V. B.	do.	150 00
		Pease, T. C.	do.	125 00
		Cole, A. C.	do.	150 00
		Brush, Elizabeth	do.	100 00
		Gauger, Joe	do.	40 00
		Miller, J. E.	do.	60 00
		Borger, R. L.	do.	125 00
		Craihorne, A. R.	do.	166 66
		Emch, Arnold	do.	187 50
		Lytie, E. B.	do.	150 00
		Miller, G. A.	do.	291 66
		Rietz, H. L.	do.	158 33
		Shaw, J. B.	do.	250 00
		Sisam, C. H.	do.	183 33
		Townsend, E. J.	do.	333 33
		Wahlin, G. E.	do.	125 00
		Carmichael, R. D.	do.	208 33
		Kempner, A. J.	do.	133 33
		Denton, W. W.	do.	140 00
		Chittenden, E. W.	do.	140 00
		Wilson, L. T.	do.	120 00
		Smith, G. W.	do.	60 00
		Wilson, W. H.	do.	60 00
		Borden, Raymond	do.	60 00
		Frary, H. D.	do.	60 00
		Beekley, J. S.	do.	30 00
		Marshall, R. H.	do.	60 00
		Roth, Wm. E.	do.	60 00
		Green, C. F.	do.	30 00
		Bode, B. H.	do.	291 66
		Daniels, A. H.	do.	333 33
		Shepherd, Queen	do.	130 00
		Haessler, Carl	do.	100 00
		Burge, W. E.	do.	216 66
		Beard, J. H.	do.	116 66
		Neill, Alma J.	do.	60 00
		Garner, J. W.	do.	333 33

## CONTINGENT EXPENSE VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
C 633 Ctd.	1916 May 19	Mathews, J. M.	Salary	\$191 66
		Fairlie, J. A.	do	291 66
		Storey, R. M.	do	180 00
		Cushman, R. E.	do	120 00
		Bentley, Madison	do	270 83
		Ruckmich, C. A.	do	150 00
		Rahn, Carl	do	150 00
		Rogers, Sophie	do	35 00
		Wichman, Gerald	do	50 00
		McKenzie, Kenneth	do	333 33
		Garnahan, D. H.	do	225 00
		Fitz Gerald, J. D., II.	do	250 00
		Oliver, T. E.	do	250 00
		Seymour, A. R.	do	166 66
		Blondheim, D. S.	do	166 66
		Carry, C. S.	do	120 00
		Allen, Lewis	do	100 00
		Kessler, James	do	100 00
		Soto, Rafael	do	100 00
		Dawson, E. R.	do	100 00
		Stone, H. K.	do	100 00
		Moore, O. H.	do	141 66
		Shulters, J. R.	do	80 00
		Laguardia, C. J. B.	do	100 00
		Hayes, E. C.	do	275 00
		Stevens, J. G.	do	150 00
		Watkins, Gordon	do	50 00
		Kingsley, J. S.	do	291 66
		Smith, Frank	do	250 00
		Ward, H. B.	do	416 66
		Zeleny, Chas.	do	250 00
		Shellford, V. E.	do	166 66
		Van Cleave, H. J.	do	140 00
		May, H. G.	do	60 00
		Green, Bessie	do	60 00
		Conel, Jessie	do	60 00
		Powers, E. B.	do	60 00
		Magath, T. B.	do	35 00
		Higgins, G. M.	do	35 00
		Baumgartner, Rachel	do	35 00
		Heimberger, H. V.	do	60 00
		Kingman, R. H.	do	35 00
		Baldwin, Frances M.	do	100 00
		Kindred, J. E.	do	30 00
		Paul, Katherine H.	do	120 00
		Schmidt, Robt.	do	75 00
		Bogart, E. L.	do	291 66
		Dewsnup, E. R.	do	250 00
		Litman, Simon	do	208 33
		Robinson, M. H.	do	250 00
		Weston, N. A.	do	270 83
		Hieronimus, R. E.	do	125 00
		Heilman, R. E.	do	216 66
		Thompson, C. M.	do	208 33
		Thompson, J. G.	do	200 00
		Chase, W. A.	do	240 00
		McJohnston, H.	do	200 00
		Dregesen, W. H.	do	60 00
		Stewart, C. L.	do	180 00
		Young, L. E.	do	250 00
		McMillen, G. B.	do	50 00
		Littleton, A. C.	do	150 00
		Scoville, H. T.	do	220 00
		McKenna, E. L.	do	60 00
		Little, R. F.	do	50 00
		Jennings, W. W.	do	60 00
		Bond, Ethel	do	100 00
		Curtis, Florence	do	141 66
		Reece, E. J.	do	150 00
		Simpson, Frances	do	183 33
		Hill, Fanny W.	do	75 00
		Schwartz, G. F.	do	183 33
		Smith, Constance Barlow	do	166 66
		Erb, J. L.	do	250 00
		Van den Berg, H. J.	do	180 00
		Nasmyth, H. D.	do	170 00
		Morphy, E. W.	do	170 00
		Treat, Edna	do	100 00

## CONTINGENT EXPENSE VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
1916				
C 633	May 19	Harding, A. A.	Salary	\$ 83 33
Cld.		Wright, Mabelle	do.	100 00
		Johnson, F. T.	do.	110 00
		Davis, Bertha	do.	100 00
		Day, W. B.	do.	208 33
		Snow, C. M.	do.	150 00
		Gathercoal, E. N.	do.	108 33
		Eicher, B. L.	do.	83 33
		Colson, H. W.	do.	83 33
		Fantus, Bernard	do.	16 66
		Clark, A. H.	do.	150 00
C 634	May 23	M. E. Thompson, Cashier.	Labor bills	\$ 51 00
C 635	do.	M. E. Thompson, Cashier.	do.	24 30
C 636	do.	M. E. Thompson, Cashier.	do.	11 98
C 637	do.	M. E. Thompson, Cashier.	do.	28 73
C 638	do.	M. E. Thompson, Cashier.	Miscellaneous bills	51 94
C 639	do.	M. E. Thompson, Cashier.	Express bills	29 61
C 640	do.	Edw. Bartow	Salary	333 33
C 641	do.	S. E. Huff & Co.	General supplies	11 10
C 642	do.	C. H. Stoelting Co.	Laboratory apparatus	3 09
C 643	do.	D. H. Lloyd	Rentals	25 00
C 644	do.	Society of American Bacteriologists	General supplies	5 56
C 645	do.	Redmanol Chemical Co.	do.	2 25
C 646	do.	C. R. Richards	Traveling expenses	13 84
C 647	do.	The Letter Shop	General supplies	15 45
C 648	do.	Taylor Hardware Co.	General supplies	3 25
C 649	do.	Twin City Printing Co.	Printing	5 87
C 650	do.	H. O. Rugg	Incidentals	24 28
C 651	May 25	A. L. Moody	Student labor	55 00
C 652	do.	F. M. Leslie	General supplies	2 40
C 653	do.	S. E. Dilavou	do.	2 40
C 654	do.	H. A. Harding	Traveling expenses	15 35
C 655	do.	E. H. Sargent & Co.	Laboratory supplies	95 31
C 656	do.	Ernst Herzberg Sons	Books	6 83
C 657	do.	A. C. McClurg & Co.	do.	57 43
C 658	do.	G. C. Willis	Laboratory supplies	20 83
C 659	do.	Fred C. Hubbard	Food	2 90
C 660	do.	International Harvester Co. of America	Machine repairs	2 00
C 661	do.	Frank C. Mendenhall	General supplies	1 50
C 662	do.	C. H. Stoelting Co.	Laboratory apparatus	59 40
C 663	do.	F. K. Robeson	General supplies	2 10
C 664	do.	Freeman & Son	do.	4 50
C 665	do.	Henry Troemner	Laboratory supplies	74 34
C 666	do.	Capt. W. H. Patterson, 12th Inf.	Traveling expenses	8 74
C 667	do.	Capt. Raymond Sheldon	do.	10 29
C 668	do.	The Beardsley Hotel Co.	do.	11 35
C 669	do.	Capt. Cromwell Stacey	do.	4 14
C 670	do.	H. C. Lawson	Traveling expenses and expert services	58 21
C 671	do.	Dean W. F. M. Goss	Traveling expenses	3 65
C 672	do.	Dr. Joel A. Sperry	do.	6 49
C 673	do.	Henry B. Ward	do.	14 29
C 674	do.	L. E. Young	do.	29 70
C 675	do.	Miles Gray	do.	4 80
C 676	do.	Harold G. Adsit	do.	3 07
C 677	do.	Louis McKelvey	do.	6 90
C 678	do.	George L. Chandler	do.	9 74
C 679	do.	Isadore Rosenbloom	do.	5 99
C 680	do.	Mr. Warner Wall	do.	16 38
C 681	do.	R. M. Russell	Printing	1 50
C 682	do.	Miss Isadore Bennett	Traveling expenses	3 40
C 683	do.	Burnham Maylord	do.	14 50
C 684	do.	Principal C. A. Fulwider	do.	32 88
C 685	do.	Mr. A. A. Harding	Incidentals	27 00
C 686	do.	W. H. Eisman, Supt.	Printing	3 00
C 687	do.	Tuttle & Clark	General supplies	35 04
C 688	do.	Elmer & Amend	Laboratory supplies	16 28
C 689	do.	Elmer & Amend	do.	1 67
C 690	do.	H. Mueller Mfg. Co.	General supplies	4 98
C 691	do.	Elsner Grocery Co.	Laboratory supplies	1 45
C 692	do.	Fuller-Morrison Co.	do.	7 13
C 693	do.	E. W. Blateford Co.	do.	4 85
C 694	do.	H. Swannell & Son	do.	1 70
C 695	do.	Kimble-Durand Glass Co.	do.	7 70
C 696	do.	Richard C. Sant	General supplies	10 90
C 697	do.	Tablet & Ticket Co.	do.	1 98
C 698	do.	Underwood Typewriter Co.	Office equipment	2 00



## CONTINGENT EXPENSE VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1916			
C 699	May 25	F. A. Hardy Co.	General supplies.	\$ 10 11
C 700	do.	University of Illinois Supply Store.	Books.	1 80
C 701	do.	Arthur Broughton & Sons.	Live stock.	50 00
C 702	do.	Moody's Investors Service.	Books.	25 00
C 703	do.	Lawyers Co-operative Publishing Co.	do.	5 00
C 704	do.	Houghton-Mifflin Co.	do.	6 67
C 705	do.	John Byrne & Co.	do.	14 75
C 706	do.	Callaghan & Co.	do.	9 00
C 707	do.	Illinois Printing Co.	Publications.	102 48
C 708	May 26	G. R. Grubb & Co.	General supplies.	5 40
C 709	do.	The 1917 Illio.	Office equipment.	2 75
C 710	do.	Bausch & Lomb Optical Co.	Laboratory apparatus.	3 85
C 711	do.	Central Electric Co.	General supplies.	6 16
C 712	do.	E. H. Sargent & Co.	do.	4 39
C 713	do.	Southern Biological Supply Co.	Laboratory supplies.	4 90
C 714	do.	C. H. Stoelting Co.	Books.	83
C 715	do.	Tablet & Ticket Co.	General supplies.	2 61
C 716	do.	New Jersey Entomological Co.	Museum specimen.	21 25
C 717	do.	George Strode.	Furniture and fixtures.	47 25
C 718	do.	R. W. Dickenson (and party—4 men)	Traveling expenses.	43 46
C 719	do.	H. A. Harding.	do.	68 23
C 720	do.	Percival & Moorehead.	Laboratory supplies.	16 85
C 721	do.	C. C. Kiler.	Furniture and fixtures.	44 00
C 722	do.	R. C. Wagner & Sons.	General supplies.	6 85
C 723	do.	S. E. Dillavou.	Blue printing and photo supplies.	13 90
C 724	do.	H. M. McFadden & Bros.	General supplies.	1 50
C 725	do.	Champaign Seed Co.	Machine and tools.	12 50
C 726	do.	S. E. Huff & Co.	General supplies.	22 00
C 727	do.	Stipes & Hecker.	do.	33 22
C 728	do.	A. L. Moats.	Wages.	30 25
C 729	do.	John Balk.	do.	43 85
C 730	do.	The Carrico Stone Co.	General supplies.	10 65
C 731	do.	D. T. Dobbins.	Feeding stuffs.	1 00
C 732	do.	"Friend" Mfg. Co.	General supplies.	56
C 733	do.	Standard Oil Co.	do.	1 95
C 734	do.	O. M. Allyn.	Traveling expenses.	14 38
C 735	do.	Imperial Auto Supply Co.	Machine repairs.	7 37
C 736	do.	Peoria Drill & Seeder Co.	Apparatus repairs.	1 80
C 737	do.	James G. Biddle.	Laboratory apparatus.	63 00
C 738	do.	Chicago Medical Book Co.	Books.	2 13
C 739	do.	Bradner, Smith & Co.	General supplies.	37 37
C 740	do.	Fuller-Morrison Co.	do.	5 50
C 741	do.	S. S. White Dental Mfg. Co.	Apparatus repairs.	12 41
C 742	do.	V. Mueller & Co.	do.	18 30
C 743	do.	C. L. Frame Dental Supply Co.	Laboratory supplies.	3 00
C 744	do.	Peck & Hills Furniture Co.	Furniture and fixtures.	6 50
C 745	do.	Mr. W. H. Browne.	Traveling expenses.	12 09
C 746	do.	Association of American Medical Colleges.	Incidentals.	25 00
C 747	do.	Antiseptol Liquid Soap Co.	General supplies.	28 20
C 748	do.	E. Ochs.	do.	66 00
C 749	do.	John Becker.	Laboratory supplies.	14 50
C 750	do.	Arthur Ochs.	do.	36 00
C 751	do.	A. Kroch & Co.	Books.	11 76
C 752	do.	American Medical Association.	do.	1 00
C 753	do.	American Electric Supply Co.	Furniture and fixtures.	2 68
C 754	do.	Flanigan-Pearson Co.	Printing.	52 05
C 755	do.	M. E. Thompson, Cashier.	Traveling expenses.	26 19
C 756	do.	M. E. Thompson.	Labor.	205 43
C 757	do.	M. E. Thompson.	Express.	12 49
C 758	do.	M. E. Thompson.	Labor.	132 27
C 759	May 27	James H. Greene.	Traveling expenses.	21 42
C 760	do.	Florence Harrison.	do.	7 05
C 761	do.	P. A. Swank.	Drains.	139 56
C 762	do.	J. H. Smith.	Miscellaneous.	80 06
C 763	do.	D. O. Barto.	Traveling expenses.	2 97
C 764	do.	John Palfrey.	Wages.	75 00
C 765	do.	Elmer Jenkins.	do.	60 00
C 766	do.	G. D. Gaddy.	do.	50 00
C 767	do.	E. G. Johnson.	do.	70 00
C 768	do.	W. T. Marsh.	do.	50 00
C 769	do.	Harmon Louret.	do.	50 00
C 770	do.	Lulu Meyers.	do.	50 00
C 771	do.	George Bote.	do.	85 00
C 772	do.	Earl Meenach.	do.	70 00
C 773	do.	J. E. Murdock.	do.	65 00
C 774	do.	H. B. Deets.	do.	70 00
C 775	do.	Bertha Hotaling.	do.	45 00
C 776	do.	Earl Garver.	Expert services.	65 00

## CONTINGENT EXPENSE VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
<b>1916</b>				
C 777	May 27	C. F. Goodman	Expert services	\$ 60 00
C 778	do.	C. C. Jensen	do	60 00
C 779	do.	L. W. Colton	do	60 00
C 780	do.	M. R. Carlson	do	60 00
C 781	do.	I. J. Reinhart	do	60 00
C 782	do.	F. H. Kelly	do	60 00
C 783	do.	W. D. Woolston	do	60 00
C 784	do.	G. Broes Van Dort Co.	Books	6 30
C 785	do.	D. Van Nostrand Co.	do	3 60
C 786	do.	American Bar Association	do	5 25
C 787	do.	R. R. Bowker Co.	do	4 00
C 788	do.	University of Chicago Press	do	1 25
C 789	do.	American Society of Civil Engineers	do	5 63
C 790	do.	John Wiley & Sons	do	13 20
C 791	do.	Lindmarks, Book Sellers	do	10 20
C 792	do.	William Abbatt	do	3 90
C 793	do.	Mining World Co.	do	1 50
C 794	do.	American Antiquarian Society	do	96 00
C 795	do.	Journal of Parasitology	do	4 50
C 796	do.	American Medical Association	do	8 00
C 797	do.	Psychological Review Co.	do	4 00
C 798	do.	Samuel N. Rhoads	do	7 51
C 799	do.	Johns-Hopkins Press	do	15 00
C 800	do.	Tice & Lynch	do	18 05
C 801	do.	Unement World	do	2 00
C 802	do.	University Prints	do	2 00
C 803	do.	American Journal of Science	do	2 00
C 804	do.	Mrs. J. H. Pettit	do	1 25
C 805	do.	N. Y. Botanical Garden	do	10 00
C 806	do.	Special Libraries Association	do	75
C 807	do.	R. C. MacMahon	do	10 55
C 808	do.	American Hereford Journal	do	1 31
C 809	do.	A. C. McClurg & Co.	do	454 18
C 810	do.	Ernst Hertzberg & Sons	do	364 82
C 811	do.	Antiquarian Book Shop	do	34 45
C 812	do.	John Wanamaker	do	75 25
C 813	do.	C. W. Ritter	do	174 00
C 814	do.	H. W. Wilson Co.	do	38 65
C 815	do.	Houghton-Mifflin Co.	do	25 39
C 816	do.	Boston Book Co.	do	24 46
C 817	do.	J. M. Hanson Bennett Magazine Agency	do	5 20
C 818	do.	University of Illinois Supply Store	do	9 78
C 819	do.	Chivers Bookbinding Co.	do	56 44
C 820	do.	American Chemical Society	do	38 70
C 821	do.	Norris Book Shop	do	13 40
C 822	do.	J. Fisher & Bro.	do	31 57
C 823	do.	B. Login & Son	do	147 50
C 824	do.	Lloyd R. Caldwell	do	50 00
C 825	do.	T. H. Lloyd	do	50 00
C 826	do.	W. W. Wilson	do	50 00
C 827	do.	Ralph Engle	do	30 00
C 828	do.	Robert W. Stark	do	100 00
C 829	do.	C. M. Linsley	do	50 00
C 830	do.	A. B. Arends	do	45 00
C 831	do.	A. W. Harz	do	45 00
C 832	do.	H. H. Hensold	do	45 00
C 833	do.	H. S. Hinrichs	do	45 00
C 834	do.	E. I. Pilchard	do	50 00
C 835	do.	Howard G. Osborne	do	65 90
C 836	do.	W. L. Bennett	do	75 90
C 837	do.	J. C. Anderson	do	79 00
C 838	do.	H. R. Stanford	do	83 33
C 839	May 29	Coal & Coke Operator	Publications	1 00
C 840	do.	The Burr Co.	Laboratory supplies	9 30
C 841	do.	O. S. Beyer, Jr	Traveling expenses	24 94
C 842	do.	O. S. Beyer, Jr	do	8 49
C 843	do.	L. H. Provine	do	13 19
C 844	do.	W. S. Corsa	do	3 50
C 845	do.	S. V. Holt	do	32 20
C 846	do.	B. P. Perkins	Miscellaneous	91 74
C 847	do.	Frank Leggitt	do	7 56
C 848	do.	Illinois Agriculturist	Incidentals	145 25
C 849	do.	Mr. L. W. Peterson	Machine repairs	10 00
C 850	do.	H. C. Wheeler	Traveling expenses	26 11
C 851	do.	F. W. Wascher	do	33 37
C 852	do.	C. C. Logan	do	39 25
C 853	do.	H. Fahrnkopf	Miscellaneous	31 69
C 854	do.	Chas. A. Campbell	do	16 37

## CONTINGENT EXPENSE VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1916			
C 855	May 29	F. W. Garrett.	Miscellaneous.	\$ 35 47
C 856	do.	H. C. Gilkerson.	do.	85 59
C 857	do.	Elmer & Amend.	Laboratory supplies.	84 60
C 858	do.	W. W. Wilson.	Traveling expenses.	25 81
C 859	do.	R. R. Snapp.	do.	4 55
C 860	do.	Hunter, Rourke & Co.	Fencing.	93 80
C 861	do.	W. H. Smith.	Traveling expenses.	14 61
C 862	do.	S. T. Kiddoo.	do.	7 10
C 863	do.	J. B. Andrews.	do.	9 88
C 864	do.	S. E. Dillavou.	Fencing.	165 75
C 865	do.	J. L. Edmonds.	Traveling expenses.	5 01
C 866	do.	Standard Oil Co.	General supplies.	23 33
C 867	do.	R. C. Wagner & Sons.	Feeding stuffs.	25 25
C 868	do.	H. P. Stinespring.	do.	42 41
C 869	do.	Arthur A. Weigand.	Traveling expenses.	7 08
C 870	do.	Inman Hotel.	do.	2 50
C 871	do.	Ella R. Michaels.	Laboratory supplies.	19 50
C 872	do.	Frank S. Betz Co.	General supplies.	1 07
C 873	do.	A. Daigger & Co.	do.	4 00
C 874	do.	H. R. Barkmeyer.	Laboratory apparatus.	9 53
C 875	do.	Sauveur & Boylston.	General supplies.	9 09
C 876	do.	W. B. Castenholz.	do.	5 00
C 877	do.	Mr. George K. Brady.	Traveling expenses.	2 35
C 878	do.	George K. Brady.	do.	2 50
C 879	do.	B. E. Spalding.	Laboratory supplies.	6 20
C 880	do.	Wilson-Masulen Co.	do.	21 75
C 881	do.	G. R. Forbes.	Wages.	2 50
C 882	do.	E. A. Franquemont.	Traveling expenses.	15 18
C 883	do.	Earl Harrington.	Wages.	60 00
C 884	do.	Twin City Printing Co.	Printing.	6 80
C 885	do.	Review Printing & Stationery Co.	General supplies.	27 47
C 886	May 30	Charles F. Rouselet.	Books.	808 96
C 887	do.	J. Terquem.	do.	21 83
C 888	do.	J. Garber.	do.	2 43
C 889	do.	Bath & West.	do.	44 36
C 890	do.	Max Weg.	do.	2 90
C 891	do.	B. H. Blackwell.	do.	3 96
C 892	do.	Eugene L. Morice.	do.	2 16
C 893	do.	John Wheelton & Co.	do.	3 10
C 894	do.	Henry Sothoran & Co.	do.	57 25
C 895	do.	Bowes & Bowes.	do.	10 95
C 896	do.	Hodges, Figgis & Co.	do.	14 50
C 897	do.	Bernard Quaritch.	do.	45 80
C 898	do.	Thos. Baker.	do.	19 35
C 899	do.	P. M. Barnard.	do.	82 32
C 900	do.	Lucien Gougry.	do.	58 27
C 901	do.	Ulrico Hoepf.	do.	29 21
C 902	do.	Gat. J. Baer & Co.	do.	107 55
C 903	do.	John Davis.	do.	9 90
C 904	do.	Library of Cummin & Masson.	do.	15 72
C 905	do.	William George's Sons.	do.	2 36
C 906	do.	Pickering & Chatts.	do.	175 60
C 907	do.	William Wesley & Son.	do.	7 94
C 908	do.	R. H. Wilcox.	Traveling expenses.	13 69
C 909	do.	Engineering Record.	General supplies.	9 00
C 910	do.	Samuel C. Crouch.	do.	3 00
C 911	do.	Wilson Bros.	Traveling expenses.	45 25
C 912	do.	Twin City Printing Co.	Printing.	9 78
C 913	May 31	T. H. Craig.	Apparatus repairs.	3 75
C 914	do.	F. C. Jorgeson & Co.	Furniture and fixtures.	220 00
C 915	do.	G. E. Stechert & Co.	Books.	2,154 69
C 916	do.	T. H. Craig.	General supplies.	20 00
C 917	do.	Eugene Dietzgen Co.	Office supplies.	4 80
C 918	do.	Hunter, Rourke & Co.	General supplies.	2 25
C 919	do.	H. C. Berry.	Laboratory apparatus.	130 00
C 920	do.	Underwood Typewriter Co.	Office equipment.	57 75
C 921	do.	General Electric Co.	Apparatus repairs.	11 74
C 922	do.	Peck & Hills Furniture Co.	Furniture and fixtures.	13 75
C 923	do.	Keystone Farm Machine Co.	Machine and tools.	13 50
C 924	do.	Crescent Paper Co.	General supplies.	36 64
C 925	do.	A. S. Nelson & Sons.	do.	1 20
C 926	do.	F. K. Robeson.	do.	4 44
C 927	do.	E. D. Kirby Auto Co.	General labor.	1 40
C 928	do.	Chas. A. Hall Hardware Co.	Fencing.	11 00
C 929	do.	Knowlton & Bennett.	General supplies.	1 35
C 930	do.	Carswell Co.	Books.	231 15
C 931	do.	Moody Manual Co.	do.	10 00
C 932	do.	John A. Hartel Co.	do.	2 35

## CONTINGENT EXPENSE VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1916			
C 933	May 31	Ernst Hertzberg & Sons.	Books	\$ 2 17
C 934	do.	T. H. Gloud & Co.	do.	84 29
C 935	do.	Lawyers Co-operative Publishing Co.	do.	5 00
C 936	do.	Canada Law Book Co.	do.	6 30
C 937	do.	John Byrne & Co.	do.	1 50
C 938	do.	University of Chicago Press.	do.	16 30
C 939	do.	C. V. Ritter.	do.	5 50
C 940	do.	American Hereford Journal.	do.	1 50
C 941	do.	Hispanic Society of America.	do.	13 47
C 942	do.	C. W. Hanson & Co.	do.	4 11
C 943	do.	J. M. Hanson-Bennett Magazine Agency.	do.	5 00
C 944	do.	Q. I. Simpson.	do.	1 50
C 945	do.	University of Illinois Supply Store.	do.	3 90
C 946	do.	Holstein-Friesian Association.	do.	4 00
C 947	do.	Chas. E. Lauriat Co.	do.	1 04
C 948	do.	Cadmus Book Shop.	do.	85 50
C 949	do.	John Clark Co.	do.	3 22
C 950	do.	Fairbanks, Morse & Co.	General supplies.	45 00
C 951	do.	A. C. McClurg & Co.	Books.	168 17
C 952	do.	Libreria Leo S. Oschki.	do.	13 40
C 953	do.	A. L. Moody.	Wages.	55 00
C 954	do.	H. S. Capron, Treasurer.	Material furnished from University storeroom.	1,237 05
C 955	do.	H. S. Capron, Treasurer.	do.	316 96
C 956	do.	H. S. Capron, Treasurer.	do.	216 08
C 957	do.	H. S. Capron, Treasurer.	do.	4,469 41
C 958	do.	H. S. Capron, Treasurer.	do.	577 11
C 959	June 1	C. S. Brimley.	Laboratory supplies.	1 00
C 960	do.	Henry Sotheran & Co.	Museum specimens.	138 20
C 961	do.	Central Scientific Co.	Laboratory apparatus.	31 90
C 962	do.	Jacob White.	Apparatus repairs.	38 50
C 963	do.	New York Times Index.	General supplies.	4 00
C 964	do.	Hodges-Figgis Co.	Museum specimens.	9 95
C 965	do.	Hanovia Chemical & Mfg. Co.	Apparatus repairs.	9 74
C 966	do.	Hunter, Rourke & Co.	General supplies.	4 50
C 967	do.	Huntley Dairy Co.	Laboratory supplies.	1 36
C 968	do.	Callaghan & Co.	Books.	6 00
C 969	do.	Thos. L. Elder.	Museum specimens.	26 42
C 970	do.	Dallenbach Bros.	Laboratory supplies.	85 00
C 971	do.	G. C. Willis.	General supplies.	9 00
C 972	do.	Jno. O. Smith.	do.	2 50
C 973	do.	Chicago Medical Book Co.	Books.	12 00
C 974	do.	Thos. J. Dee & Co.	Laboratory supplies.	123 45
C 975	do.	Keystone Type Foundry.	Office equipment.	9 94
C 976	do.	A. Kroch & Co.	Books.	7 24
C 977	do.	Ella R. Michaels.	General supplies.	4 50
C 978	do.	Standard Oil Co.	Laboratory supplies.	63 94
C 979	do.	Royal Typewriter Co.	Office equipment.	50 00
C 980	do.	West Side Photo Co.	Blue printing and photographing.	5 00
C 981	do.	C. A. Brumley.	Wages.	67 50
C 982	do.	Fernando Fe.	Books.	22 86
C 983	do.	A. C. McClurg & Co.	Blue printing and photographing.	8 86
C 984	do.	Illinois Malleable Iron Co.	General supplies.	1 43
C 985	do.	Ahrens & Schriener.	Miscellaneous.	61 73
C 986	do.	Demonstrators' Assn. of Illinois.	General supplies.	183 00
C 987	do.	Tablet & Ticket Co.	do.	11 11
C 988	do.	V. Mueller & Co.	Miscellaneous.	13 70
C 989	do.	E. H. Sargent & Co.	Laboratory supplies.	13 32
C 990	do.	Diem & Wing Paper Co.	General supplies.	43 75
C 991	do.	Blanke Mfg. & Supply Co.	do.	10 93
C 992	do.	Twin City Creamery Co.	do.	1 65
C 993	do.	Twin City Ice & Cold Storage Co.	do.	25 00
C 994	do.	Champaign Ice Cream Co.	do.	14 39
C 995	do.	E. V. Kirby Auto Co.	Machine repairs.	10 35
C 996	do.	D. H. Lloyd.	Laboratory supplies.	1 00
C 997	do.	F. E. Myers & Bro.	General supplies.	7 20
C 998	do.	Albert Dickinson Co.	Food stuffs.	61 24
C 999	do.	Central Scientific Co.	Laboratory supplies.	8 50
C 1000	do.	P. D. Foster.	General supplies.	9 00
C 1001	do.	Unitt & Wiekes.	Museum specimens.	300 00
C 1002	do.	F. C. Jorgeson & Co.	Furniture and fixtures.	210 00
C 1003	do.	Crane Co.	General supplies.	1 51
C 1004	do.	Tribune Co.	Advertisement.	2 16
C 1005	do.	Bradner, Smith & Co.	Office supplies.	26 84
C 1006	do.	John Becker.	General supplies.	5 50
C 1007	do.	Woldenberg & Schaar.	Laboratory supplies.	8 85
C 1008	do.	Reliable Plumbing & Heating Co.	General supplies.	1 50
C 1009	do.	American Milling Co.	Feed.	510 86

## CONTINGENT EXPENSE VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1916			
C 1010	June 1	H. Swannell & Son.....	General supplies.....	\$ 3 60
C 1011	do....	Taylor Hardware Co.....	do.....	7 75
C 1012	do....	Knowlton & Bennett.....	do.....	4 68
C 1013	do....	National Wool Warehouse & Storage Co.....	do.....	7 20
C 1014	do....	Chester Horseshoeing Shops.....	Sundries.....	9 75
C 1015	do....	E. W. Sampson.....	General supplies.....	12 50
C 1016	do....	Watson Faulkner.....	do.....	2 20
C 1017	do....	H. A. Moyer.....	do.....	5 00
C 1018	do....	Pilon & Rodgers.....	Sundries.....	3 00
C 1019	do....	W. P. Foote & Co.....	Feed.....	1 50
C 1020	do....	Swift & Co.....	do.....	3 00
C 1021	do....	F. S. Burch & Co.....	General supplies.....	2 54
C 1022	do....	Alexander Lumber Co.....	Feed.....	6 00
C 1023	do....	S. E. Huff & Co.....	General supplies.....	13 50
C 1024	do....	Filer-Morrisson.....	Laboratory supplies.....	14 17
C 1025	do....	G. C. Willis.....	do.....	1 53
C 1026	do....	Milwaukee Sawdust & Shaving Co.....	Feed.....	108 40
C 1027	do....	Sears, Roebuck & Co.....	General supplies.....	1 83
C 1028	do....	Anderson Galleries.....	do.....	10 50
C 1029	do....	F. W. Maxon.....	Publications.....	10 00
C 1030	do....	N. W. Herburn.....	Traveling expenses.....	20 99
C 1031	do....	J. Howard Beard.....	Expert service.....	52 00
C 1032	do....	James H. Greene.....	Traveling expenses.....	15 76
C 1033	do....	C. M. Linsley.....	Miscellaneous.....	14 68
C 1034	do....	David M. Fyffe.....	Traveling expenses.....	30 96
C 1035	do....	American Guernsey Cattle Club.....	Sundries.....	1 00
C 1036	do....	Dr. R. Z. Luzader.....	do.....	10 00
C 1037	do....	F. K. Robeson.....	General supplies.....	33 24
C 1038	do....	Champaign Steam Laundry.....	Sundries.....	13 61
C 1039	do....	Creamery Package Mfg. Co.....	Machine repairs.....	64 75
C 1040	do....	Champaign Seed Co.....	Laboratory supplies.....	15 10
C 1041	do....	The Science Press.....	Publications.....	7 00
C 1042	do....	University Press.....	do.....	13 35
C 1043	do....	W. F. Hall Printing Co.....	do.....	109 25
C 1044	do....	Flanigan-Pearson Co.....	Office supplies.....	10 00
C 1045	do....	Pantagraph Printing & Stationery Co.....	Publications.....	136 45
C 1046	do....	Illinois Printing Co.....	do.....	36 00
C 1047	do....	M. E. Thompson, Cashier.....	Miscellaneous.....	14 46
C 1048	do....	M. E. Thompson, Cashier.....	do.....	216 09
C 1049	do....	M. E. Thompson, Cashier.....	do.....	197 79
C 1050	do....	H. S. Capron, Treasurer.....	Material furnished from University storeroom.....	303 55
C 1051	do....	H. S. Capron, Treasurer.....	do.....	52 98
C 1052	do....	H. S. Capron, Treasurer.....	do.....	7 00
C 1053	do....	Louise Bennett.....	Wages.....	32 75
C 1054	June 7	Mark Small.....	do.....	65 00
C 1055	do....	C. M. Young.....	Traveling expenses.....	11 24
C 1056	do....	C. C. Wiley.....	do.....	10 53
C 1057	do....	B. L. Bowling.....	do.....	1 15
C 1058	do....	Prof. Julius Goebel.....	do.....	6 59
C 1059	do....	Bernhard Uhlendorf.....	do.....	7 85
C 1060	do....	H. C. Gilkerson.....	do.....	27 01
C 1061	do....	F. C. Bauer.....	do.....	8 72
C 1062	do....	F. A. Wyatt.....	do.....	8 77
C 1063	do....	R. W. Dickenson.....	do.....	62 83
C 1064	do....	O. M. Allyn.....	do.....	15 46
C 1065	do....	W. S. Brock.....	do.....	17 58
C 1066	do....	H. C. Wheeler.....	do.....	26 09
C 1067	do....	C. C. Logan.....	do.....	35 05
C 1068	do....	Wm. Powell.....	Wages.....	40 35
C 1069	do....	Alice Reed.....	Traveling expenses.....	8 62
C 1070	do....	Chas. A. Campbell.....	do.....	10 44
C 1071	do....	J. E. Whitechurch.....	Miscellaneous.....	40 13
C 1072	do....	A. J. Gunderson.....	Traveling expenses.....	18 53
C 1073	do....	H. D. Brown.....	do.....	9 84
C 1074	do....	Urbana, Light Heat & Power Co.....	General supplies.....	16 05
C 1075	do....	W. W. and E. D. Hanes.....	Laboratory supplies.....	3 60
C 1076	do....	Tablet & Ticket Co.....	Office supplies.....	1 08
C 1077	do....	Champaign Seed Co.....	General supplies.....	1 50
C 1078	do....	Knowlton & Bennett.....	do.....	1 75
C 1079	do....	Standard Oil Co.....	General supplies.....	27 75
C 1080	do....	Alamo Mfg. Co.....	Machine repairs.....	1 11
C 1081	do....	Ag. Exten. Dept., I. H. C. Co.....	Furniture and fixtures.....	3 00
C 1082	do....	Watson Faulkner.....	Laboratory supplies.....	4 50
C 1083	do....	International Harvester Co. of America.....	General supplies.....	11 00
C 1084	do....	Keuffel & Esser Co.....	Apparatus repairs.....	1 86
C 1085	do....	Thos. Baker.....	Books.....	1 43
C 1086	do....	E. J. Lambert.....	do.....	3 85

## CONTINGENT EXPENSE VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1916			
C 1087	June 7	G. Rapilly	Books	\$ 7 64
C 1088	do.	Ulrico Hoepli	do.	1 50
C 1089	do.	Henry Sotheran & Co.	do.	11 95
C 1090	do.	E. H. Sargent & Co.	Laboratory supplies	2 00
C 1091	do.	Chester Transfer Co.	Traveling expenses	1 50
C 1092	do.	H. I. Carpenter	Piano tuning	4 50
C 1093	do.	High School Life	Advertising	5 00
C 1094	do.	White Line Laundry	Sundries	99 10
C 1095	do.	G. C. Willis	General supplies	9 17
C 1096	do.	Peoples Gas Light & Coke Co.	Heat and light	23 52
C 1097	do.	University of Illinois Supply Store	Books	15 55
C 1098	do.	F. Blakiston's Son & Co.	do.	3 15
C 1099	do.	G. P. Putnam's Sons	do.	1 50
C 1100	do.	Illinois Library School	do.	4 00
C 1101	do.	S. V. Holt	Traveling expenses	53 38
C 1102	do.	F. W. Wascher	do.	30 81
C 1103	do.	Stephen Rogers	Miscellaneous	115 14
C 1104	do.	Henry Pfau	Wages	40 00
C 1105	do.	George W. Medley	do.	87 13
C 1106	do.	Dr. O. O. Stanley	Expert services	9 00
C 1107	do.	W. S. Perrine	General supplies	75 19
C 1108	do.	S. L. Allen & Co.	do.	1 62
C 1109	do.	Vaughan's Seed Store	do.	2 15
C 1110	do.	Central Scientific Co.	Laboratory apparatus	26 25
C 1111	do.	E. M. Smith & Co.	Apparatus repairs	6 50
C 1112	do.	John M. Ornellas	Laboratory supplies	7 50
C 1113	do.	H. W. Johns-Manville Co.	do.	2 05
C 1114	do.	C. H. Stoelting Co.	General supplies	1 11
C 1115	do.	Anderson Galleries	Museum specimens	20 00
C 1116	do.	Twin City Ice & Cold Storage Co.	General supplies	24 00
C 1117	do.	Nathan R. Graves	do.	38 00
C 1118	do.	W. W. Hubbard	do.	200 00
C 1119	do.	J. T. Ryerson & Son	do.	10 92
C 1120	do.	J. B. Means	Wages	67 60
C 1121	do.	Wm. Hamlin	do.	71 00
C 1122	do.	Agnes A. Wagner	do.	40 00
C 1123	do.	V. Weis	do.	55 00
C 1124	do.	Glenn Pergande	do.	59 85
C 1125	do.	A. L. Stearns	do.	56 70
C 1126	do.	James Cassidy	do.	30 66
C 1127	do.	C. E. Null	do.	38 50
C 1128	do.	Geo. F. Smalley	do.	42 00
C 1129	do.	M. E. Thompson, Cashier	Miscellaneous	300 58
C 1130	do.	M. E. Thompson, Cashier	do.	71 90
C 1131	do.	Eimer & Amend	Laboratory supplies	55 45
C 1132	do.	F. J. Burns & Co.	do.	11 00
C 1133	do.	R. C. Wagner, Sr.	Wages	53 00
C 1134	do.	Peoples Gas Light & Coke Co.	Gas	40 32
C 1135	do.	Emerson-Brantlingham Implement Co.	Machinery and tools	20 00
C 1136	do.	International Harvester Co. of America	do.	79 00
C 1137	do.	Chicago Surface Lines	Incidentals	5 00
C 1138	do.	Spencer Lens Co.	Laboratory supplies	9 36
C 1139	do.	G. E. Stechert & Co.	Books	787 00
C 1140	do.	Hibbard, Spencer, Bartlett & Co.	General supplies	4 55
C 1141	do.	Royal Typewriter Co.	Office equipment	50 00
C 1142	do.	American Electrical Supply Co.	Batteries	2 40
C 1143	do.	A. C. McClurg & Co.	Office supplies	43 79
C 1144	do.	Ernst Leitz	Laboratory supplies	2 36
C 1145	do.	A. Daigger & Co.	do.	2 25
C 1146	do.	West Side Photo Co.	Photo	5 00
C 1147	do.	Western Lumber Co.	Lumber	16 37
C 1148	do.	Thompson & Jameson	Machine repairs	2 40
C 1149	do.	Pittsburgh Plate Glass Co.	Building repairs	17 80
C 1150	do.	Canadian Bird Store	Laboratory supplies	3 60
C 1151	do.	Atlas Model Works	Laboratory apparatus	637 00
C 1152	do.	Wilson Bros.	Wages	76 50
C 1153	do.	Arthur C. Beck	Building repairs	38 00
C 1154	do.	Whitall Tatum Co.	Laboratory supplies	5 40
C 1155	June 9	Colonial Hospital Supply Co.	Gauze	79 50
C 1156	do.	Emil Greiner Co.	Laboratory apparatus	8 26
C 1157	do.	G. C. Willis	General supplies	5 60
C 1158	do.	B. A. Strauch, Champaign	Photos	3 40
C 1159	do.	E. H. Swigert	Tuning pianos	10 00
C 1160	do.	Western Fuel Co.	Coal	98 18
C 1161	do.	Champaign Steam Laundry	Sundries	32 60
C 1162	do.	Chester Transfer Co.	Traveling expenses	1 75
C 1163	do.	D. G. Swannell	Sundries	3 14
C 1164	do.	Bradner, Smith & Co.	General supplies	53 80

## CONTINGENT EXPENSE VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1916			
C 1165	June 9	Vaughan's Seed Store.....	General supplies.....	\$ 47 02
C 1166	do.	Machinists' Supply Co.....	do.....	3 79
C 1167	do.	Chas. A. Strelinger Co.....	Laboratory supplies.....	15 40
C 1168	do.	Twin City Ice & Cold Storage Co.....	Sundries.....	48 00
C 1169	do.	Champaign Seed Co.....	Feed.....	21 05
C 1170	do.	Elmer & Amend.....	Laboratory supplies.....	33 47
C 1171	do.	Brown & Sharpe Mfg. Co.....	Laboratory apparatus.....	48 72
C 1172	do.	G. E. Stechert & Co.....	Books.....	415 00
C 1173	do.	American Electrical Supply Co.....	General supplies.....	4 38
C 1174	do.	E. A. Eichhorst.....	Machine repairs.....	50 80
C 1175	do.	Metzler & Schafer Co.....	Laboratory supplies.....	1 25
C 1176	do.	S. E. Dillavou.....	Orchard plow.....	50 00
C 1177	do.	Samuel Abrams.....	Apparatus repairs.....	1 00
C 1178	do.	Geo. W. Brady & Co.....	Photo developing.....	1 20
C 1179	do.	C. L. Frame Dental Supply Co.....	Laboratory supply.....	34 11
C 1180	do.	Thos. J. Dee & Co.....	Laboratory supplies.....	31 60
C 1181	do.	Oldham Bros.....	Pot. permanganate.....	2 50
C 1182	do.	B. E. Spalding.....	General supplies.....	1 00
C 1183	do.	Eisner Grocery Co.....	Molasses.....	16 52
C 1184	do.	Veeder Mfg. Co.....	Machine repairs.....	1 20
C 1185	do.	Ross-Sim Drug Co.....	General supplies.....	2 69
C 1186	do.	Standard Oil Co.....	do.....	11 58
C 1187	do.	Conner & Quayle Co.....	Sundries.....	2 25
C 1188	do.	Chester Horseshoeing Shop.....	do.....	12 00
C 1189	do.	Burr Co.....	Oilers, laboratory supplies.....	52 30
C 1190	do.	Arthur H. Thomas Co.....	Porcelain dishes.....	3 41
C 1191	do.	F. W. Woolworth Co.....	Funnels.....	1 20
C 1192	do.	D. H. Loyde.....	Mimescope.....	35 00
C 1193	do.	Western Type Foundry.....	18 pt. type.....	1 55
C 1194	do.	A. Kroch & Co.....	Books.....	8 32
C 1195	do.	V. Mueller & Co.....	Electric sponges.....	1 80
C 1196	do.	W. H. Salisbury & Co.....	P. G. tubing.....	5 69
C 1197	do.	Corbin Cabinet Lock Co.....	General supplies.....	1 53
C 1198	do.	Science Press.....	Books.....	28 00
C 1199	do.	Atlas School Supply Co.....	General supplies.....	4 52
C 1200	do.	Pittsburgh Plate Glass Co.....	do.....	3 20
C 1201	do.	National Carbon Co.....	do.....	1 91
C 1202	do.	Peck & Hills Furniture Co.....	Chairs.....	9 31
C 1203	do.	T. H. Craig.....	Stop watches.....	14 00
C 1204	do.	The Letter Shop.....	Wages.....	9 85
C 1205	do.	Western Electric Co.....	Motor.....	44 55
C 1206	do.	Westinghouse Electric & Mfg. Co.....	Laboratory apparatus.....	610 00
C 1207	do.	American Orthologists' Union.....	General supplies.....	2 59
C 1208	do.	Fuller-Morrison Co.....	Laboratory supplies.....	82 00
C 1209	do.	Champaign Bottling Works.....	Carbon dioxide.....	9 50
C 1210	do.	Harvard Apparatus Co.....	General supplies.....	24 30
C 1211	do.	F. C. Jorgeson & Co.....	Furniture and fixtures.....	30 00
C 1212	do.	Charles Mollet Tinsmith.....	Soil bins.....	305 45
C 1213	do.	Emil Borgmann.....	Books.....	3 06
C 1214	do.	C. C. Ferguson.....	New hoes.....	4 00
C 1215	do.	F. M. Lellie.....	Laboratory apparatus.....	53 93
C 1216	do.	Ahrens & Schreiner.....	Laboratory supplies.....	3 50
C 1217	do.	Library Bureau.....	Furniture and fixtures.....	18 00
C 1218	do.	Dings Electro-Mag. Separator Co.....	Laboratory apparatus.....	750 00
C 1219	do.	National Silica Works.....	Laboratory supplies.....	7 50
C 1220	do.	W. Lewis & Co.....	Burlap.....	4 25
C 1221	do.	Illinois State Reformatory.....	Printing.....	12 60
C 1222	do.	Louden & Flaningam.....	do.....	133 00
C 1223	do.	The University Press.....	do.....	5 25
C 1224	do.	Louden & Flaningam.....	do.....	23 83
C 1225	do.	M. E. Thompson, Cashier.....	Miscellaneous.....	183 26
C 1226	do.	M. E. Thompson, Cashier.....	do.....	16 55
C 1227	June 10	M. E. Thompson, Cashier.....	do.....	15 73
C 1228	do.	Maas Brothers.....	General supplies.....	89 34
C 1229	do.	Champaign Steam Laundry.....	Laundry.....	4 20
C 1230	do.	Ahrens & Schreiner.....	General supplies.....	1 95
C 1231	do.	S. E. Dillavou.....	Cultivators.....	10 00
C 1232	do.	Calumet Laundry Co.....	Laundry.....	4 98
C 1233	do.	Mrs. L. C. Branum.....	do.....	4 75
C 1234	do.	Urbana & Champaign Ry., Gas & Electric Co.....	Labor.....	3 00
C 1235	do.	C. H. Stoelting Co.....	Laboratory apparatus.....	29 06
C 1236	do.	F. E. Clements.....	Museum specimens.....	35 00
C 1237	do.	Swift & Co.....	Feed stuffs.....	8 10
C 1238	do.	Barron Bros. Coal Co.....	do.....	2 90
C 1239	do.	Bradner, Smith & Co.....	General supplies.....	1 62
C 1240	do.	E. Ochs.....	Rabbits.....	22 50
C 1241	do.	Book Shop Bindery.....	Books.....	30 90

## CONTINGENT EXPENSE COUVHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
1916				
C 1242	June 10	Paper Mills' Co.	General supplies	\$ 40 01
C 1243	do.	Chicago Addressing Co.	General clerical work	40 70
C 1244	do.	Physicians' Supply & Drug Co.	Laboratory supplies	2 60
C 1245	do.	V. Mueller & Co.	Finger cots	6 00
C 1246	do.	Eimer & Amend	Laboratory supplies and apparatus	22 03
C 1247	do.	Marshall Field & Co.	General supplies	1 80
C 1248	do.	General Chemical Co.	Laboratory supplies	99 16
C 1249	do.	A. Kroch & Co.	Books	4 00
C 1250	do.	Canada Law Book Co.	do.	7 00
C 1251	do.	Boston Book Co.	do.	12 50
C 1252	do.	Little, Brown & Co.	do.	3 20
C 1253	do.	G. A. Jackson	do.	37 50
C 1254	do.	T. H. Flood & Co.	do.	17 66
C 1255	do.	Harvard University Press.	do.	1 10
C 1256	do.	Louden & Flaningam	Printing	1 75
C 1257	June 13	Leeds & Northrup Co.	Laboratory apparatus	301 60
C 1258	do.	The Burr Co.	General supplies	1 40
C 1259	do.	D. H. Loyde	Office equipment	68 13
C 1260	do.	Central Electric Co.	Laboratory supplies	48 75
C 1261	do.	S. E. Huff & Co.	Roof paint	1 50
C 1262	do.	Central Scientific Co.	Laboratory apparatus	9 08
C 1263	do.	Fuller-Morrison Co.	Copper sulphate	23 00
C 1264	do.	Champaign Steam Laundry	Laundry	77 47
C 1265	do.	Ernst Letzt	Laboratory supplies	33 82
C 1266	do.	A. H. Abbott & Co.	Museum specimens	3 50
C 1267	do.	Farbwerke-Hoechst Co.	Laboratory supplies	1 00
C 1268	do.	Maas Brothers	General supplies	2 00
C 1269	do.	Gaylor Brothers	do.	27 45
C 1270	do.	Tice & Lynch	Freight	9 30
C 1271	do.	John David	Books	1 60
C 1272	do.	C. C. Kiler	Bookcase	18 00
C 1273	do.	Farrar & Quinlan	Food	1,144 44
C 1274	do.	Dallenbach Bros.	do.	436 25
C 1275	do.	Harris-Dillavout & Co.	General supplies	3 50
C 1276	do.	The Fleischmann Co.	Yeast	1 50
C 1277	do.	Eisner Grocery Co.	Food	107 62
C 1278	do.	Twin City Creamery Co.	do.	48 95
C 1279	do.	V. Mueller & Co.	Miscellaneous	10 75
C 1280	do.	Chester Transfer Co.	Traveling expenses	4 50
C 1281	do.	Thomson Chemical Co.	Atomic sulphur	1 10
C 1282	do.	Dayton Fruit Tree Label Co.	Pot labels	3 00
C 1283	do.	E. H. Sargent & Co.	Laboratory supplies	49 42
C 1284	do.	Underwood Typewriter Co.	Tension spring	1 00
C 1285	do.	The Arthur H. Thomas Co.	Laboratory apparatus	14 19
C 1286	do.	Moser Cigar & Paper Box Co.	Telescope boxes	60 00
C 1287	do.	American Publishers' Association	One Illinois Blue Book	6 00
C 1288	do.	George Benoy	Traveling expenses	50 93
C 1289	do.	Mallory, Mitchell & Faust	Advertising	16 00
C 1290	do.	Fratelli Alinari	Museum specimens	15 86
C 1291	do.	Machinists' Supply Co.	General supplies	11 78
C 1292	do.	Neostyle Co.	Black ink	29 25
C 1293	do.	Ahrens & Schreiner	Cabbage	3 23
C 1294	do.	R. R. Wells	Lectures and recitals	97 50
C 1295	do.	H. A. Ruehe	Traveling expenses	8 89
C 1296	do.	American Book Co.	Books	13 46
C 1297	do.	Bausch & Lomb Optical Co.	Apparatus repairs	6 79
C 1298	do.	Jolly-Wieland & Richardson Co.	General supplies	14 90
C 1299	do.	Fred Pine	Traveling expenses	5 18
C 1300	do.	Louden & Flaningam	Printing	9 00
C 1301	do.	Twin City Printing Co.	do.	9 28
C 1302	do.	M. E. Thompson, Cashier	Miscellaneous	168 54
C 1303	do.	M. A. McDonald	Moving	1,170 00
C 1304	June 14	Metzler & Schafer Co.	General supplies	2 96
C 1305	do.	Twin City Creamery Co.	do.	18 40
C 1306	do.	Eastman Salt Products Co.	do.	21 41
C 1307	do.	Herrick Auto Supply Co.	Machine repairs	6 18
C 1308	do.	General Electric Co.	do.	3 14
C 1309	do.	Twin City Roofing Co.	Apparatus repairs	9 00
C 1310	do.	Chester Horseshoeing Shop	Sundries	8 00
C 1311	do.	Blanke Mfg. & Supply Co.	General supplies	6 00
C 1312	do.	Chicago Medical Book Co.	do.	98 81
C 1313	do.	B. Login & Son	do.	232 50
C 1314	do.	Hamblin Plumbing Co.	do.	91 40
C 1315	do.	Nina B. Crigler	Salary	40 00
C 1316	do.	The Bristol Co.	Laboratory apparatus	25 70
C 1317	do.	Irving-Pitt Mfg. Co.	Office supplies	2 25
C 1318	do.	W. A. Morschhauser	Office equipment	551 00
C 1319	do.	White Line Laundry	Sundries	5 69



## CONTINGENT EXPENSE VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
<b>1916</b>				
C 1320	June 14	S. E. Huff & Co.	Building repairs	\$ 62 70
C 1321	..do..	Champaign Seed Co.	Seed	30 94
C 1322	..do..	Elsner Grocery Co.	General supplies	18 39
C 1323	..do..	Frison Carriage Shop.	Apparatus repairs.	1 50
C 1324	..do..	Herman H. Buhs.	Feed	23 25
C 1325	..do..	Silver Mfg. Co.	Apparatus repairs.	18 20
C 1326	..do..	F. M. Foity	Sundries	6 50
C 1327	..do..	Taylor Hardware Co.	General supplies	1 00
C 1328	..do..	S. E. Dillavou	Apparatus repairs.	3 50
C 1329	..do..	D. H. Lloyd	Office supplies	4 63
C 1330	..do..	The Creamery Package Mfg. Co.	General supplies	21 29
C 1331	..do..	Champaign Steam Laundry	Sundries	26 71
C 1332	..do..	Shellabarger Mill & Elevator Co.	Feed	1 55
C 1333	..do..	Spencer Lens Co.	Burner	3 85
C 1334	..do..	C. C. Ferguson	Sundries	2 00
C 1335	..do..	The University of Illinois Supply Store.	Develop powders	2 70
C 1336	..do..	Baker & Co.	Laboratory supplies	19 27
C 1337	..do..	Mine Rescue Station Commission.	Laboratory apparatus.	1 10
C 1338	..do..	E. L. Whiting	General supplies	46 32
C 1339	..do..	Library Bureau	Office supplies	4 05
C 1340	..do..	H. S. Capron, Treasurer	Material furnished from University storeroom	1,606 88
C 1341	..do..	H. S. Capron, Treasurer	..do..	299 42
C 1342	..do..	H. S. Capron, Treasurer	..do..	242 16
C 1343	..do..	H. S. Capron, Treasurer	..do..	327 28
C 1344	June 15	G. E. Stechert & Co.	Books	69 00
C 1345	..do..	Western Educational Advertising Agency	Advertising	8 00
C 1346	..do..	D. H. Lloyd	Envelopes	1 25
C 1347	..do..	J. C. Cherry Co.	Machine repairs	1 44
C 1348	..do..	Quality Meat Market.	General supplies	4 92
C 1349	..do..	Maas Brothers	..do..	1 05
C 1350	..do..	W. H. Salisbury & Co.	Laboratory supplies	1 02
C 1351	..do..	R. G. Freyer	Freyer cage	14 00
C 1352	..do..	American Electrical Supply Co.	General supplies	3 45
C 1353	..do..	The University Hospital	Rent	189 00
C 1354	..do..	Journal of Medical Research	Books	1 50
C 1355	..do..	B. Login & Son	..do..	44 00
C 1356	..do..	Multiplex Display Fixture Co.	Furniture and fixtures	86 00
C 1357	..do..	J. A. Fay & Egan Co.	..do..	49 50
C 1358	..do..	Leeds & Northrup Co.	..do..	21 55
C 1359	..do..	E. H. Sargent & Co.	Laboratory supplies	30 27
C 1360	..do..	Central Scientific Co.	..do..	47 49
C 1361	..do..	American Jersey Cattle Club	Sundries	4 50
C 1362	..do..	F. C. Jorgeson & Co.	Furniture repairs	9 15
C 1363	..do..	Lord & Thomas	Office supplies	3 00
C 1364	..do..	Bateman Mfg. Co.	Machine repairs	1 58
C 1365	..do..	Taylor Hardware Co.	General supplies	4 05
C 1366	..do..	Chas. H. Besly & Co.	..do..	39 35
C 1367	..do..	Hunter, Rourke & Co.	Wages	5 00
C 1368	..do..	Leavitt Mfg. Co.	General supplies	4 80
C 1369	..do..	L. C. Smith & Bros.	Typewriter	76 55
C 1370	..do..	A. Daigger & Co.	Laboratory supplies	21 40
C 1371	..do..	Physicians' Supply & Drug Co.	Z. O. plaster	4 20
C 1372	..do..	Fuller-Morrison Co.	Waukesha water general supplies	18 70
C 1373	..do..	A. C. McClurg & Co.	Thumb tacks	2 14
C 1374	..do..	Chicago Addressing Co.	Advertising	81 92
C 1375	..do..	Bloch & Newman	..do..	25 00
C 1376	..do..	Bausch & Lomb Optical Co.	Apparatus repairs	25 20
C 1377	..do..	Hercules Chemical Works	General supplies	3 00
C 1378	..do..	Louden & Plantingam	Printing	69 25
C 1379	..do..	Pantagraph Printing & Stationery Co.	..do..	20 30
C 1380	..do..	Illinois State Reformatory	..do..	26 60
C 1381	June 16	August Corts & Son	Stake fasteners	3 75
C 1382	..do..	D. H. Lloyd	Miscellaneous	77 60
C 1383	..do..	Taylor Hardware Co.	General supplies	7 70
C 1384	..do..	Twin City Ice & Cold Storage Co.	Laboratory supplies	31 00
C 1385	..do..	F. H. Simpson Fruit Co.	General supplies	6 50
C 1386	..do..	A. W. Shaw Co.	..do..	2 00
C 1387	..do..	Conner & Quayle	Machine repairs	9 20
C 1388	..do..	Mallinckrodt Chemical Works	Laboratory supplies	77 82
C 1389	..do..	John H. Doyle	Lock and keys	2 20
C 1390	..do..	D. O. Barto	Traveling expenses	18 91
C 1391	..do..	Percival & Moorehead	Laboratory supplies	1 25
C 1392	..do..	Metzler & Schafer Co.	Food	143 56
C 1393	..do..	Prof. B. L. Miller	Museum specimens	90 00
C 1394	..do..	Leavitt Mfg. Co.	General supplies	1 04
C 1395	..do..	Mining & Scientific Press	Subscription	3 00
C 1396	..do..	University of Illinois Supply Store	Scrap book, general supplies	6 30

## CONTINGENT EXPENSE VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
C 1397	June 16	F. C. Jorgeson & Co.	Furniture and fixtures.	\$ 209 40
C 1398	..do..	A. J. Nystrom & Co.	Museum specimens.	98 46
C 1399	..do..	A. S. Nelson & Sons.	General supplies.	1 20
C 1400	..do..	Champaign Seed Co.	..do..	8 68
C 1401	..do..	D. T. Dobbins.	Feed.	1 55
C 1402	..do..	Fuller-Morrisson & Co.	General supplies.	2 67
C 1403	..do..	D. H. Loyde.	Books, furniture and fixtures.	21 75
C 1404	..do..	C. C. Klier.	General supplies.	8 00
C 1405	..do..	Leavitt Mfg. Co.	..do..	14 14
C 1406	..do..	W. Lewis & Co.	Office equipment repairs.	13 50
C 1407	..do..	John H. Doyle.	Scythe.	1 85
C 1408	..do..	National Carbon Co.	General supplies.	25 21
C 1409	..do..	American Type Founders Co.	Office equipment.	21 32
C 1410	..do..	Commanding Officer, Rock Island Arsenal.	Apparatus repairs.	35 58
C 1411	..do..	National Ammonia Co.	General supplies.	26 00
C 1412	..do..	B. A. Grasberger & Co.	..do..	63 00
C 1413	..do..	Ward's National Science Establishment.	Museum specimens.	150 62
C 1414	..do..	Taylor Hardware Co.	General supplies.	21 05
C 1415	June 19	Pay roll.	June, 1916.	8,612 41
		Decker, E. H.	Salary.	\$291 66
		Green, Frederick.	..do..	312 50
		Harker, O. A.	..do..	333 33
		Hale, W. G.	..do..	291 66
		Pomeroy, J. N.	..do..	255 33
		Vernier, C. G.	..do..	312 50
		Carpenter, C. E.	..do..	208 33
		Bogart, E. L.	..do..	291 66
		Dewsnup, E. R.	..do..	250 00
		Litman, Simon.	..do..	208 33
		Robinson, M. H.	..do..	250 00
		Weston, N. A.	..do..	270 83
		Hieronymus, R. E.	..do..	125 00
		Heilman, R. E.	..do..	216 66
		Thompson, C. M.	..do..	208 33
		Thompson, J. G.	..do..	200 00
		Chase, W. A.	..do..	240 00
		McJohnston, H.	..do..	200 00
		Dreesen, W. H.	..do..	60 00
		Stewart, C. L.	..do..	180 00
		Young, L. E.	..do..	250 00
		McMillen, G. B.	..do..	50 00
		Littleton, A. C.	..do..	150 00
		Scoville, H. T.	..do..	220 00
		McKenna, E. L.	..do..	60 00
		Little, R. F.	..do..	50 00
		Jennings, W. W.	..do..	60 00
		Bond, Ethel.	..do..	100 00
		Curtis, Florence.	..do..	141 66
		Reece, E. J.	..do..	150 00
		Simpson, Frances.	..do..	183 33
		Hill, Fanny W.	..do..	75 00
		Schwartz, G. F.	..do..	183 33
		Smith, Constance B.	..do..	166 66
		Erb, J. L.	..do..	250 00
		Van den Berg, H. J.	..do..	180 00
		Nasmyth, H. D.	..do..	170 00
		Morphy, E. W.	..do..	170 00
		Treat, Edna.	..do..	100 00
		Harding, A. A.	..do..	83 33
		Wright, Mabelle.	..do..	100 00
		Johnson, F. T.	..do..	110 00
		Davis, Bertha.	..do..	100 00
		Day, W. B.	..do..	208 33
		Snow, C. M.	..do..	150 00
		Gathercoal, E. N.	..do..	108 33
		Eicher, B. L.	..do..	83 33
		Colson, H. W.	..do..	83 33
		Fantus, Bernard.	..do..	16 66
		Clark, A. H.	..do..	150 00
C 1416	..do..	Pay roll.	June, 1916.	2,304 65
		Blackwell, Mary.	Salary.	\$ 60 00
		Bollman, Minnie.	..do..	75 00
		Bryan, Sarah E.	..do..	83 33
		Burns, Byron.	..do..	50 00
		Cordell, Della.	..do..	65 00
		Craig, Jennie.	..do..	100 00
		Deveneau, G. A.	..do..	83 33
		Doyle, Katherine.	..do..	65 00

## CONTINGENT EXPENSE VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
C 1416 Cld.	1916 June 19	Flattery, Amanda	Salary	\$ 75 00
		Foster, Frederick	do	50 00
		Galpin, Stella	do	75 00
		Hester, Elizabeth	do	65 00
		Houchens, Josie	do	100 00
		Kern, Floy	do	45 00
		Kirwin, Nora	do	65 00
		Knapp, Aurella	do	83 33
		Lichtenberger, Cleo	do	65 00
		Love, Mary E.	do	70 00
		Luther, Cornelia	do	45 00
		McElroy, Mildred	do	65 00
		McGraw, Katherine	do	65 00
		Norton, Lucile	do	40 00
		Post, Frederick	do	100 00
		Putnam, Persis	do	75 00
		Renz, Myrtle	do	83 33
		Ricketts, Clara A.	do	70 00
		Roberts, Nellie	do	75 00
		Robertson, Nellie	do	75 00
		Sharp, Bertha L.	do	65 00
		Shaw, Hazel Y.	do	83 33
		Thompson, Alice	do	65 00
		Weston, Jessie B.	do	75 00
		Williams, Margaret	do	48 00
C 1417	do....	Pay roll	June, 1916	\$4,379 15
		Alley, W. E.	Salary	\$100 00
		Barnes, Mary G.	do	65 00
		Beadles, Jessie E.	do	65 00
		Boswell, H. C.	do	50 00
		Brownfield, Lelah H.	do	50 00
		Buchanan, Harold C.	do	70 00
		Buckles, Mildred	do	65 00
		Byland, T. C.	do	50 00
		Clemence, Hazel	do	70 00
		Cover, Hazel W.	do	65 00
		Craignille, Jeannette	do	50 00
		Crawford, C. C.	do	70 00
		Cuerden, Fay	do	50 00
		Custer, Emma L.	do	75 00
		Dalton, C. E.	do	50 00
		Davis, Vera M.	do	55 00
		Fieg, Robt. J.	do	50 00
		Garwood, Frances	do	60 00
		Garwood, Helen S.	do	50 00
		Geyer, Helen	do	50 00
		Glenn, Eleanor	do	55 00
		Goodspeed, W. S.	do	90 00
		Gordon, Marie	do	60 00
		Griffith, Mabel	do	75 00
		Halliday, Mabel	do	60 00
		Hamilton, Alice	do	100 00
		Hathaway, Kenneth	do	50 00
		Hayes, Margaret	do	50 00
		Hayes, James Bert	do	100 00
		Hayward, Nellie	do	60 00
		Heater, Myrtle	do	65 00
		Hull, A. H.	do	70 00
		Jay, Edith L.	do	55 00
		Lahr, Lawrence D.	do	60 00
		Leitz, Louise A.	do	45 00
		Lonius, J. O.	do	90 00
		Luther, Ida Louise	do	50 00
		McGurty, Agnes	do	91 66
		McIntire, W. A.	do	50 00
		McMillen, Mary B.	do	60 00
		Manley, Verna	do	50 00
		Manspeaker, Lotta M.	do	100 00
		Merchant, Donna B.	do	60 00
		Meseck, Rudolph	do	65 00
		Miller, C. F.	do	100 00
		Mock, Forrest	do	55 00
		Nagle, Sybil	do	55 00
		Nickerson, A. T.	do	54 16
		Nyberg, Florence	do	55 00
		Pieper, Flossie Oliver	do	20 00
		Peel, Thomas	do	65 00
		Pergande, Robert	do	95 00

## CONTINGENT EXPENSE VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
<b>1916</b>				
C 1417	June 19	Probst, Alice	Salary	\$50 00
Cld.		Ressler, Milton	do	80 00
		Rhoads, Hazel	do	65 00
		Riggs, Bess	do	45 00
		Rogers, Della M.	do	50 00
		Rohweder, Emma	do	45 00
		Ross, Anne	do	55 00
		Slater, Sarah M.	do	65 00
		Smith, Mayme L.	do	70 00
		States, Bertha	do	55 00
		Taft, Martha E.	do	70 00
		Vanderbeek, H. J.	do	75 00
		Vaubel, Daniel	do	70 00
		Wheeler, H. H.	do	70 00
		Williamson, Paul	do	83 33
		Wyninger, H. T.	do	60 00
		Zippodt, Ella	do	50 00
C 1418	do	University Press	Publications	\$ 19 60
C 1419	do	Flanigan-Pearson Co.	Printing	4 75
C 1420	do	M. E. Thompson, Cashier	Miscellaneous	222 63
C 1421	June 21	F. M. Leslie	General supplies	22 50
C 1422	do	Chas. M. Samson	Office supplies	5 00
C 1423	do	Paris Dyeing & Cleaning Co.	Sundries	3 50
C 1424	do	Chas. G. Willoughby	Laboratory apparatus	82 00
C 1425	do	The Bulletin of Pharmacy	Advertising	7 50
C 1426	do	Singer Sewing Machine Co.	Laboratory supplies	2 20
C 1427	do	Westinghouse Electric & Mfg. Co.	Miscellaneous	38 33
C 1428	do	B. C. Ames Co.	Apparatus repairs	4 91
C 1429	do	J. T. Ryerson & Son	General supplies	2 47
C 1430	do	D. E. Harris	do	2 00
C 1431	do	B. E. Spaulding	do	37 73
C 1432	do	A. C. McClurg & Co.	Books	374 42
C 1433	do	Ernst Hertzberg & Sons	do	268 57
C 1434	do	J. M. Hanson-Bennett Magazine Agency	do	30 75
C 1435	do	University of Illinois Supply Store	do	23 61
C 1436	do	Miss Lillian Shepherd	do	10 00
C 1437	do	William Abbott	do	4 00
C 1438	do	Cadmus Book Shop	do	8 57
C 1439	do	American Academy of Pol. Sc. & Soc. Sc.	do	1 20
C 1440	do	B. Login & Son	do	5 53
C 1441	do	J. Fischer & Bro.	do	21 94
C 1442	do	Willis Music Co.	do	1 73
C 1443	do	John Clark Co.	do	49 00
C 1444	do	Boston Book Co.	do	9 40
C 1445	do	Illinois Water Supply Association	do	4 50
C 1446	do	Commonwealth Club of California	do	1 70
C 1447	do	University of Chicago Press	do	1 26
C 1448	do	C. W. Ritter	do	39 44
C 1449	do	J. Terquem	do	387 83
C 1450	do	Paul Gottschalk	do	26 38
C 1451	do	Ulrich Hoepf	do	8 00
C 1452	do	Library Bureau	Furniture and fixtures	19 62
C 1453	do	The Globe-Wernicke Co.	Office equipment	49 20
C 1454	do	Keuffel & Esser Co. of New York	Laboratory apparatus	55 15
C 1455	do	Manning, Maxwell & Moore	do	1 07
C 1456	do	Oldham Brothers	General supplies	10 20
C 1457	do	Peck & Hills Furniture Co.	Furniture and fixtures	25 09
C 1458	do	Henry Troemner	Apparatus repairs	2 20
C 1459	do	D. H. Lloyd	Office equipment	42 50
C 1460	do	Taylor Hardware Co.	General supplies	1 75
C 1461	do	E. A. Eichhorst	Machine repairs	9 55
C 1462	do	Machinists' Supply Co.	do	11 29
C 1463	do	Central Scientific Co.	Laboratory supplies	9 00
C 1464	do	Standard Calorimeter Co.	do	7 22
C 1465	do	C. L. Frame Dental Supply Co.	do	7 10
C 1466	do	W. H. Salisbury & Co.	General supplies	4 50
C 1467	do	A. H. Andrews Co.	Furniture and fixtures	19 00
C 1468	do	Eimer & Amend	General supplies	2 31
C 1469	do	Miss E. Barrington	do	4 80
C 1470	do	Hubbard, Spencer, Bartlett & Co.	do	26 96
C 1471	do	Pittsburgh Plate Glass Co.	Glass	156 58
C 1472	do	Charles H. Ward	Museum specimens	18 90
C 1473	do	Fuller-Morrison Co.	Laboratory supplies	3 50
C 1474	do	Rand, McNally & Co.	One ledger map paper	17 00
C 1475	do	Spencer Lens Co.	Laboratory apparatus	284 20
C 1476	do	Hamblin Plumbing Co.	Machinery and tools, plumbing	10 88
C 1477	do	Marshall Field & Co.	General supplies	47 50
C 1478	do	V. Mueller & Co.	Miscellaneous	55 55

## CONTINGENT EXPENSE VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
	1916			
C 1479	June 21	Maas Brothers	Apparatus repairs, general supply	\$ 2 05
C 1480	do.	Quality Grocery	General supplies	29 25
C 1481	do.	Chas. M. Weber, Postmaster	Post on bill	50 00
C 1482	do.	Lansing Co.	Laboratory apparatus	31 50
C 1483	do.	Norton Co.	Laboratory supplies	1 86
C 1484	do.	Arthur N. Thomas Co.	do.	11 19
C 1485	June 22	Carl Adams	Wages	52 00
C 1486	do.	M. E. Thompson, Cashier	Miscellaneous	45 13
C 1487	do.	M. E. Thompson, Cashier	do.	61 35
C 1488	do.	Jacob Solomon	Wages	50 00
C 1489	do.	Nicholas Michalovich	do.	50 00
C 1490	do.	Peter Drennan	do.	80 00
C 1491	do.	Joseph Klena	do.	60 00
C 1492	do.	Carl Gitzke	do.	30 00
C 1493	do.	E. C. Johnson	do.	70 00
C 1494	do.	W. T. March	do.	50 00
C 1495	do.	Lulu Meyers	do.	50 00
C 1496	do.	George Bote	do.	85 00
C 1497	do.	Earl Meenach	do.	70 00
C 1498	do.	J. E. Murdock	do.	70 00
C 1499	do.	H. B. Deetz	do.	70 00
C 1500	do.	Y. Weis	do.	55 00
C 1501	do.	M. D. Rose	do.	55 00
C 1502	do.	H. W. Douglas	do.	45 00
C 1503	do.	I. A. Gudgel	do.	45 00
C 1504	do.	L. C. Lang	do.	45 00
C 1505	do.	C. A. Stanley	do.	45 00
C 1506	do.	W. M. Woods	do.	55 00
C 1507	do.	J. R. Kelley	do.	65 00
C 1508	do.	Roy Argo	do.	60 00
C 1509	do.	E. W. Bacon	do.	45 00
C 1510	do.	Lucy M. Barto	do.	20 00
C 1511	do.	A. H. Bevis	do.	45 00
C 1512	do.	Jasper Dillon	do.	60 00
C 1513	do.	Jos. Edwards	do.	50 00
C 1514	do.	Lawrence Engle	do.	50 00
C 1515	do.	W. J. Engle	do.	80 00
C 1516	do.	W. C. Jones	do.	75 00
C 1517	do.	Fred Pine	do.	80 00
C 1518	do.	Charles H. Wheatcraft	do.	52 50
C 1519	do.	H. Williamson	do.	52 50
C 1520	do.	J. E. Morgan	do.	10 00
C 1521	do.	Lavina Dille	do.	60 00
C 1522	do.	Andrew Tornquist	Expert services	75 00
C 1523	June 23	F. K. Robeson	General supplies	8 60
C 1524	do.	Elmer & Amend	Laboratory supplies	20 56
C 1525	do.	F. M. Leslie	General supplies	23 50
C 1526	do.	Eisner Grocery Co.	do.	22 55
C 1527	do.	Federal Steel Fixture Co.	Furniture and fixtures	79 00
C 1528	do.	S. E. Dillavou	Machinery and tools	10 50
C 1529	do.	Thos. Conron Hardware Co.	Lawn mower	14 70
C 1530	do.	Taylor Hardware Co.	General supplies	1 70
C 1531	do.	Hunter, Rourke & Co.	do.	43 00
C 1532	do.	Chicago Flexible Shaft Co.	Machine repairs	6 44
C 1533	do.	Champaign Steam Laundry	Sundries	5 35
C 1534	do.	Kasens' Express & Van Co.	Express	26 12
C 1535	do.	Williams & Anderson Co.	General supplies	92 00
C 1536	do.	Palace Meat Market	do.	7 86
C 1537	do.	F. C. Jorgeson & Co.	Furniture and fixtures	120 60
C 1538	do.	Fischer X-Ray Co.	Photograph developer	2 16
C 1539	do.	Walker & Mulliken	Furniture repairs	14 60
C 1540	do.	H. Swannell & Son	General supplies	2 50
C 1541	do.	Library Bureau	do.	5 00
C 1542	do.	Pay roll	June, 1916	2,010 00
		Arneson, Mabel	Salary	\$ 75 00
		Browne, W. H.	do.	250 00
		Cole, H. W.	do.	100 00
		Heermann, Louise	do.	60 00
		Watson, Ethel	do.	50 00
		Blackwell, John	do.	60 00
		Crown, Astrid E.	do.	50 00
		Broday, Esther	do.	55 00
		Froberg, Eric	do.	75 00
		Fletcher, E. C.	do.	125 00
		Forsyth, Jas. Arthur	do.	100 00
		Peterson, Florence	do.	40 00
		Brown, William	do.	45 00
		David, Eshoo	do.	55 00

## CONTINGENT EXPENSE VOUCHERS—Concluded.

No.	Date.	To whom.	For what.	Amount.
C 1542	1916 June 23	David, Simon.	Salary	\$ 50 00
Cld.		Kastanos, John.	do	50 00
		Allen, Josephine.	do	55 00
		Seaberg, Elin M.	do	70 00
		Ruehl, Henrietta.	do	60 00
		Loomis, Metta.	do	100 00
		Bates, Margaret.	do	50 00
		Hyatt, E. G.	do	40 00
		Rumry, Florence.	do	40 00
		Hoy, Anna.	do	60 00
		Tomek, Gertrude.	do	65 00
		David, Paul.	do	60 00
		Gubbins, Maud.	do	65 00
		Toomey, Annie.	do	40 00
		Bolan, Anna R.	do	65 00
C 1543	do	Canadian Bird Store.	Gold fish.	\$ 3 60
C 1544	do	Chicago Addressing Co.	Advertising.	10 18
C 1545	do	The Practical Druggist.	do	6 00
C 1546	do	D. G. Swannell.	Incidentals.	4 59
C 1547	do	Antiquarian Book Shop.	Books.	16 00
C 1548	do	Boston Book Co.	do	70 00
C 1549	do	J. Fischer & Bro.	do	2 20
C 1550	do	Wisconsin State Historical Society.	do	99 05
C 1551	do	William Abbott.	do	5 10
C 1552	do	Houghton Mifflin Co.	do	22 27
C 1553	do	The MacMillan Co.	do	17 85
C 1554	do	D. Van Nostrand Co.	do	13 20
C 1555	do	John Wiley & Sons.	do	13 20
C 1556	do	McGraw-Hill Book Co.	do	16 20
C 1557	do	Lawrence Nesbit.	Wages.	55 00
C 1558	do	Lucy Lowe.	do	45 00
C 1559	do	Mrs. Louise Redman.	do	46 20
C 1560	do	Mrs. Lizzie Shue.	do	40 00
C 1561	do	Mrs. A. D. Horn.	do	40 00
C 1562	do	Dan Whitley.	do	40 00
C 1563	do	H. Kirby.	do	45 00
C 1564	do	W. L. Harry.	do	100 00
C 1565	do	Harry Pritchard.	do	70 00
C 1566	do	Ralph Pritchard.	do	65 00
C 1567	do	Emmett Brentlinger.	do	65 00
C 1568	do	J. S. Whitmire.	do	70 00
C 1569	do	A. J. Stoneburner.	do	50 00
C 1570	do	Charles Pollard.	do	50 00
C 1571	do	Ralph Chaplin.	do	60 00
C 1572	do	H. O. Woodworth.	do	55 00
C 1573	do	D. C. Sprinkle.	do	50 00
C 1574	do	Jesse Judy.	do	40 00
C 1575	do	Asa Egelston.	do	45 00
C 1576	do	Gilbert Vanderveer.	do	50 00
C 1577	do	T. B. Snyder.	do	50 00
C 1578	do	Harry Schultz.	Salary.	35 00
C 1579	do	Johann Becker.	do	55 00
C 1580	do	Anton Muller.	do	20 00
C 1581	do	Anton Muller.	do	15 00
C 1582	do	George Gurdian.	do	43 34
C 1583	do	George Peter.	do	43 34
C 1584	do	H. S. Capron, Treasurer.	Material furnished from University storeroom.	269 83
C 1585	June 26	Smith & Co.	General supplies (ice).	80 00
C 1586	do	W. R. Bradley & Co.	Food.	90 57
C 1587	do	A. C. McClurg & Co.	Books.	328 20
C 1588	do	Ernst Hertzberg & Sons.	do	125 20
C 1589	do	The Caxton Club.	do	7 50
C 1590	do	F. M. Leslie.	Furniture and fixtures.	2 00
C 1591	do	Thos. K. Lewis Co.	Laboratory supplies.	10 86
C 1592	do	Peck & Halls Furniture Co.	Furniture and fixtures.	15 50
C 1593	do	E. H. Sargent & Co.	Laboratory supplies, laboratory apparatus.	48 98
C 1594	do	Eimer & Amend.	Laboratory apparatus.	126 25
C 1595	do	B. A. Strauch.	Photograph supplies.	20 00
C 1596	do	Lahn & Fink.	Laboratory supplies.	127 60
C 1597	do	A. L. Moody.	Wages.	55 00
C 1598	do	Pantagraph Printing & Stationery Co.	Publications.	49 32
C 1599	do	New Era Printing Co.	Printing.	10 27
C 1600	June 29	H. S. Capron, Treasurer.	Material furnished from University storeroom.	7 49

## VIII. WATER SURVEY VOUCHERS.

No.	Date.	To whom.	For what.	Amount.
1915				
W 1	July 7	Paul Hansen	Traveling expenses	\$ 45 00
W 2	..do..	H. F. Ferguson	..do.	21 82
W 3	July 13	J. F. Schnellbach	..do.	48 08
W 4	..do..	Ralph Hilscher	..do.	43 59
W 5	July 16	Ralph Hilscher	..do.	24 42
W 6	..do..	Paul Hansen	..do.	30 43
W 7	..do..	Pay roll	July, 1915	155 00
		Hart, Eliza	Salary	\$50 00
		Jester, Marie	..do.	55 00
		Johnson, J. J.	..do.	50 00
W 8	July 17	Pay roll	July, 1915	70 00
		Mohlman, F. W.	Salary	\$70 00
W 9	..do..	Pay roll	July, 1915	948 32
		Bartow, Edward	Salary	\$166 66
		Corson, H. P.	..do.	125 00
		Ferguson, H. F.	..do.	90 00
		Hansen, Paul	..do.	291 66
		Hilscher, Ralph	..do.	125 00
		Schnellbach, J. F.	..do.	75 00
		Sjoblom, M. C.	..do.	75 00
W 10	..do..	Hazel Ricketts	Wages, July, 1915	40 00
W 11	July 21	W. W. and E. D. Hanes	Laboratory supplies	4 86
W 12	..do..	International Press Clipping Bureau	Clipping service	5 00
W 13	..do..	M. C. Sjoblom	Traveling expenses	4 23
W 14	..do..	F. K. Robeson	Muslin	3 12
W 15	..do..	Reliable Plumbing & Heating Co.	Couplings	2 02
W 16	..do..	L. E. Knorr, Assistant Comptroller	Express bills	3 70
W 17	July 22	W. D. Hatfield	Wages, July, 1915	60 00
W 18	Aug. 10	W. F. Langelier	Traveling expenses	56 11
W 19	..do..	H. F. Ferguson	..do.	7 93
W 20	..do..	Ralph Hilscher	..do.	24 93
W 21	..do..	The Burr Co.	Castings	5 00
W 22	..do..	Paul Handen	Traveling expenses	13 16
W 23	..do..	Pay roll	August, 1915	165 00
		Hart, Eliza	Salary	\$50 00
		Johnson, J. J.	..do.	50 00
		Steitz, Mrs. Carman	..do.	65 00
W 24	..do..	Pay roll	August, 1915	250 00
		Corson, H. P.	Salary	\$125 00
		Hilscher, Ralph	..do.	125 00
W 25	..do..	Pay roll	August, 1915	145 00
		Mahlman, F. W.	Salary	\$70 00
		Schnellbach, J. F.	..do.	75 00
W 26	Aug. 18	Paul Hansen	Traveling expenses	17 85
W 27	..do..	M. C. Sjoblom	..do.	18 89
W 28	Aug. 19	M. C. Sjoblom	..do.	13 30
W 29	..do..	Ralph Hilscher	..do.	24 24
W 30	Aug. 23	A. N. Bennett	..do.	33 23
W 31	..do..	W. W. Hanford	..do.	11 97
W 32	Sept. 25	Hazel Ricketts	Wages, August, 1915 and balance due for July	50 00
W 33	..do..	Ralph Hilscher	Traveling expenses	25 40
W 34	..do..	J. F. Schnellbach	..do.	28 55
W 35	Sept. 28	Ralph Hilscher	..do.	20 96
W 36	Sept. 29	Pay roll	September, 1915	145 00
		Hart, Eliza	Salary	\$50 00
		Johnson, J. J.	..do.	50 00
		Ricketts, Hazel	..do.	45 00
W 37	..do..	Pay roll	September, 1915	218 33
		Mohlman, F. W.	Salary	\$83 33
		Hatfield, W. D.	..do.	60 00
		Schnellbach, J. F.	..do.	75 00
W 38	Sept. 30	M. E. Thompson, Cashier	Bills paid	49 00
W 39	..do..	Edward Bartow	Traveling expenses	91 87
W 40	Oct. 9	W. F. Langelier	..do.	27 97
W 41	Oct. 14	J. F. Schnellbach	..do.	20 09
W 42	..do..	Ralph Hilscher	..do.	14 28
W 43	..do..	M. E. Thompson, Cashier	Sundry bills	12 10
W 44	..do..	W. B. Castenholz, Comptroller	Material furnished from University storeroom	64 50
W 45	Oct. 22	Pay roll	October, 1915	200 00
		Hart, Eliza	Salary	\$50 00
		Johnson, J. J.	..do.	50 00
		Ricketts, Hazel	..do.	45 00
		Jones, Orah	..do.	55 00
W 46	..do..	Pay roll	October, 1915	205 00
		Mohlman, F. W.	Salary	\$70 00

## WATER SURVEY VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
1915				
W 46	Oct. 22	Schnellbach, J. F.	Salary	\$75 00
Cld.		Hatfield, W. D.	do	60 00
W 47	do	J. F. Schnellbach	Traveling expenses	\$ 28 45
W 48	do	M. E. Thompson, Cashier	Bills paid	72 60
W 49	Oct. 27	Ralph Hilscher	Traveling expenses	31 14
W 50	do	H. P. Corson	do	14 67
W 51	Oct. 30	W. B. Castenholz, Comptroller	Material furnished from University storeroom	45 65
W 52	do	W. B. Castenholz, Comptroller	do	5 10
W 53	do	F. W. Mohlman	Traveling expenses	13 34
W 54	do	W. D. Hatfield	do	11 04
W 55	Nov. 2	Pay roll	October, 1915	13 33
		Mohlman, F. W.	Salary	\$13 33
W 56	Nov. 5	M. E. Thompson, Cashier	Bills paid	20 00
W 57	do	M. E. Thompson, Cashier	do	35 54
W 58	do	C. Scholl	Traveling expenses	21 86
W 59	do	J. F. Schnellbach	do	20 88
W 60	Nov. 15	Edward Bartow	do	47 50
W 61	do	Pay roll	November, 1915	218 33
		Mohlman, F. W.	Salary	\$83 33
		Schnellbach, J. F.	do	75 00
		Hatfield, W. D.	do	60 00
W 62	Nov. 19	M. E. Thompson, Cashier	Bills paid	12 00
W 63	Nov. 23	Pay roll	November, 1915	155 00
		Hart, Eliza	Salary	\$50 00
		Johnson, J. J.	do	50 00
		Jones, Orah	do	55 00
W 64	Nov. 29	P. S. Campbell	Printing	11 75
W 65	do	G. C. Willis	General supplies	5 00
W 66	do	W. W. and E. D. Hanes	Laboratory supplies	3 60
W 67	do	Taylor Hardware Co.	General supplies	10 50
W 68	do	J. Bishop & Co. Platinum Works	Laboratory supplies	54 46
W 69	do	Twin City Ice & Cold Storage Co.	Ice	24 00
W 70	do	M. E. Thompson, Cashier	Bills paid	62 39
W 71	do	M. E. Thompson, Cashier	do	3 28
W 72	do	H. S. Capron, Treasurer	Material furnished from University storeroom	167 22
W 73	Nov. 30	Nelle Day	Wages, November, 1915	34 71
W 74	Dec. 6	H. S. Capron, Treasurer	Material furnished from University storeroom	38 54
W 75	Dec. 8	M. E. Thompson, Cashier	Bills paid	1 39
W 76	Dec. 11	Clarence Scholl	Traveling expenses	34 56
W 77	do	W. D. Hatfield	do	9 00
W 78	do	W. W. and E. D. Hanes	Laboratory supplies	1 80
W 79	Dec. 15	M. E. Thompson, Cashier	Bills paid	19 60
W 80	do	M. E. Thompson, Cashier	do	11 92
W 81	do	J. F. Schnellbach	Traveling expenses	24 10
W 82	do	F. W. Mohlman	do	9 39
W 83	do	Stipes & Hecker	General supplies	12 25
W 84	do	Engineering News	Engineering News	5 00
W 85	Dec. 16	H. S. Capron, Treasurer	Material furnished from University storeroom	38 13
W 86	Dec. 20	Taylor Hardware Co.	General supplies	3 05
W 87	do	J. F. Schnellbach	Traveling expenses	9 84
W 88	do	Oldham Brothers	Laboratory supplies	2 50
W 89	do	Louden & Flaningam	Printing	1 50
W 90	Dec. 21	M. E. Thompson, Cashier	Bills paid	17 60
W 91	Dec. 22	Illinois Central R. R. Co.	Freight	4 71
W 92	do	H. S. Capron	Reimbursements for salaries	1,765 00
W 93	do	Paul Hansen	Salary, August, 1915	291 66
W 94	do	Frederick Post Co.	General supplies	28 70
W 95	Dec. 28	H. S. Capron, Treasurer	Material furnished from University storeroom	14 39
W 96	Dec. 31	Pay roll	December, 1915	205 00
		Hart, Eliza	Salary	\$50 00
		Johnson, J. J.	do	50 00
		Jones, Orah	do	55 00
		Day, Nelle	do	50 00
W 97	do	Pay roll	December, 1915	761 66
		Bartow, Edw.	Salary	\$333 33
		Bennett, A. W.	do	75 00
		Mohlman, F. W.	do	83 33
		Schnellbach, J. F.	do	75 00
		Langlier, T. F.	do	125 00
		Mickle, F. L.	do	70 00
W 98	do	F. K. Robeson	Rubber cloth	5 50



## WATER SURVEY VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
1916				
W 99	Jan. 5	M. E. Thompson, Cashier	Bills paid	\$ 16 40
W 100	do.	M. E. Thompson, Cashier	Bills paid	4 77
W 101	Jan. 8	Edward Bartow	Traveling expenses	49 39
W 102	do.	J. F. Schnellbach	do.	15 86
W 103	Jan. 12	M. E. Thompson, Cashier	Express bills	1 60
W 104	Jan. 13	James Cassidy	Labor	94 00
W 105	Jan. 14	Edward Bartow	Traveling expenses	11 29
W 106	Jan. 15	Pay roll	January, 1916	761 66
		Bartow, Edw.	Salary	\$333 33
		Bennett, A. N.	do.	75 00
		Mohlman, F. W.	do.	83 33
		Schnellbach, J. F.	do.	75 00
		Langlier, W. F.	do.	125 00
		Mickle, F. L.	do.	70 00
W 107	do.	Pay roll	January, 1916	205
		Hart, Eliza	Salary	\$50 00
		Johnson, J. J.	do.	50 00
		Jones, Orah	do.	55 00
		Day, Nellie	do.	50 00
W 108	Jan. 20	A. N. Bennett	Traveling expenses	10 21
W 109	do.	J. F. Schnellbach	do.	6 97
W 110	do.	The Garlock Packing Co.	Asb gaskets	17 75
W 111	do.	Illinois State Reformatory	Printing	23 85
W 112	do.	J. W. Butler Paper Co.	do.	19 05
W 113	do.	The Big Four R. R. Co.	Freight	1 12
W 114	Jan. 24	American Water Works Association	Reprints	4 23
W 115	do.	G. E. Stechert & Co.	Books	12 50
W 116	do.	Illinois State Reformatory	Printing	21 60
W 117	Jan. 25	M. E. Thompson, Cashier	Sundry bills	12 40
W 118	do.	M. E. Thompson, Cashier	Labor bills	17 50
W 119	do.	M. E. Thompson, Cashier	do.	20 80
W 120	Jan. 31	H. S. Capron, Treasurer	Material furnished from University storeroom	15 66
W 121	do.	T. H. Craig	Watches	1 25
W 122	do.	Edward Bartow	Traveling expenses	137 31
W 123	Feb. 7	M. E. Thompson, Cashier	Express bills	6 57
W 124	do.	M. E. Thompson, Cashier	Labor bills	34 60
W 125	do.	Paul Hansen	Salary, January, 1916	291 66
W 126	do.	M. E. Thompson, Cashier	Telephone bills	6 00
W 127	do.	Urbana & Champaign Ry, Gas & Electric Co.	Meter repairs	8 75
W 128	do.	W. W. and E. D. Hanes	Laboratory supplies	3 60
W 129	do.	Westinghouse Electric & Mfg. Co.	Motor repair	47 60
W 130	Feb. 8	H. Ferguson	Salary, January, 1916	125 00
W 131	Feb. 11	James Cassidy	Wages, January, 1916	69 75
W 132	do.	W. F. Langelier	Traveling expenses	47 02
W 133	do.	Elmer & Amend	Micrometer	6 70
W 134	do.	H. F. Ferguson	Traveling expenses	16 44
W 135	do.	F. W. Mohlman	do.	27 92
W 136	do.	Hunter, Rourke & Co.	General supplies	10 80
W 137	Feb. 15	Paul Hansen	Traveling expenses	18 02
W 138	do.	J. F. Schnellbach	do.	39 36
W 139	Feb. 16	Pay roll	February, 1916	155 00
		Hart, Eliza	Salary	\$50 00
		Johnson, J. J.	do.	50 00
		Jones, Orah	do.	55 00
W 140	Feb. 17	Pay roll	February, 1916	1,263 32
		Bartow, Edward	Salary	\$333 33
		Langlier, W. F.	do.	125 00
		Bennett, A. N.	do.	75 00
		Schnellbach, J. F.	do.	100 00
		Mohlman, F. W.	do.	83 33
		Mickle, F. L.	do.	70 00
		Hatfield, W. D.	do.	60 00
		Hansen, Paul	do.	291 66
		Ferguson, H. F.	do.	125 00
W 141	Feb. 19	Madeline Bixby	Wages, February, 1916	33 60
W 142	Feb. 22	M. E. Thompson, Cashier	Express bills	2 50
W 143	do.	H. F. Ferguson	Traveling expenses	13 72
W 144	do.	Twin City Ice & Cold Storage Co.	Ice	24 00
W 145	do.	W. F. Langlier	Traveling expenses	14 29
W 146	Feb. 26	M. E. Thompson, Cashier	Labor bills	27 80
W 147	Feb. 29	Gregory Electric Co.	Electric supplies	274 07
W 148	do.	J. B. Carroll Co.	General supplies	3 05
W 149	do.	Ernst Hertzberg & Sons	Books	1 60
W 150	do.	G. C. Willis	Cotton	5 00
W 151	do.	H. S. Capron, Treasurer	Material furnished from University storeroom	97 38

## WATER SURVEY VOUCHERS—Continued.

No.	Date.	To whom.	For what.	Amount.
1916				
W 152	Mar. 8	Paul Hansen	Books	\$ 22 50
W 153	..do..	The Kry-Scheerer Corporation	Laboratory apparatus	362 50
W 154	..do..	Clarence School	Traveling expenses	20 98
W 155	..do..	Wabash Ry. Co.	Freight	6 87
W 156	Mar. 9	American Home Economics Association	General supplies	2 00
W 157	..do..	B. E. Spalding	Laboratory supplies	10 50
W 158	..do..	King & Butcher	Concrete work	900 00
W 159	..do..	The American Chemical Society	General supplies	5 52
W 160	..do..	Illinois State Reformatory	Printing	12 30
W 161	Mar. 10	M. E. Thompson, Cashier	Express bills	1 17
W 162	Mar. 13	P. D. Foster	Laboratory apparatus	52 00
W 163	..do..	Dennison Mfg. Co.	Printing	20 00
W 164	Mar. 14	H. S. Capron, Treasurer	Material furnished from University storeroom	33 32
W 165	Mar. 15	Pay roll	March, 1916	155 00
		Hart, Eliza	Salary	\$50 00
		Johnson, J. J.	..do.	50 00
		Jones, Orah	..do.	55 00
W 166	Mar. 16	Pay roll	March, 1916	1,323 32
		Hansen, Paul	Salary	\$291 66
		Bartow, Edw.	..do.	333 33
		Bennett, A. N.	..do.	75 00
		Mohlman, F. W.	..do.	83 33
		Schnellbach, J. F.	..do.	100 00
		Langlier, W. F.	..do.	125 00
		Hatfield, W. D.	..do.	60 00
		Mickle, F. L.	..do.	70 00
		Ferguson, H. F.	..do.	125 00
		Bixby, Madeline	..do.	60 00
W 167	Mar. 23	W. F. Langlier	Traveling expenses	20 67
W 168	..do..	F. Lee Mickle	..do.	20 67
W 169	..do..	Clarence School	..do.	28 81
W 170	Mar. 27	Eimer & Amend	Laboratory apparatus	2 81
W 171	..do..	John H. Doyle	Padlock	1 00
W 172	..do..	Edward Bartow	Traveling expenses	36 05
W 173	..do..	The Burr Co.	Sewage screen	5 45
W 174	..do..	Hunter, Rourke & Co.	General supplies	3 25
W 175	..do..	F. W. Mohlman	Traveling expenses	16 35
W 176	Mar. 31	H. S. Capron, Treasurer	Material furnished from University storeroom	18 34
W 177	..do..	Ernst Hertzberg & Sons	Books	7 84
W 178	..do..	E. H. Sargent & Co.	Laboratory apparatus	28 28
W 179	..do..	King & Butcher	Blower foundation	36 00
W 180	Apr. 8	M. E. Thompson, Cashier	Miscellaneous bills	2 01
W 181	Apr. 12	The Big Four R. R. Co.	Freight	3 92
W 182	..do..	P. D. Foster	Laboratory apparatus	15 00
W 183	Apr. 13	M. E. Thompson, Cashier	Express bills	5 08
W 184	Apr. 14	W. W. and E. D. Hanes	Laboratory supplies	8 19
W 185	..do..	General Filtration Co.	..do.	150 00
W 186	Apr. 17	H. F. Ferguson	Traveling expenses	39 80
W 187	Apr. 18	The University Press	Printing	2 55
W 188	..do..	Freeman & Son	General supplies	3 70
W 189	..do..	Pacific Flush Tank Co.	..do.	6 06
W 190	..do..	The Burr Co.	..do.	1 60
W 191	Apr. 19	Pay roll	April, 1916	698 33
		Bennett, A. N.	Salary	\$ 75 00
		Mohlman, F. W.	..do.	83 33
		Schnellbach, J. F.	..do.	100 00
		Langlier, W. F.	..do.	125 00
		Hatfield, W. D.	..do.	60 00
		Mickle, F. L.	..do.	70 00
		Ferguson, H. F.	..do.	125 00
		Bixby, Madeline	..do.	60 00
W 192	..do..	Pay roll	April, 1916	155 00
		Hart, Eliza	Salary	\$50 00
		Johnson, J. J.	..do.	50 00
		Jones, Orah	..do.	55 00
W 193	Apr. 20	Hunter, Rourke & Co.	Coal	2 00
W 194	..do..	Builders Iron Foundry	Machinery	50 00
W 195	..do..	H. F. Ferguson	Traveling expenses	19 62
W 196	Apr. 29	Hunter, Rourke & Co.	General supplies	7 82
W 197	..do..	The Big Four Ry. Co.	Freight	8 00
W 198	..do..	Chas. Stoolman	Laboratory apparatus	5 00
W 199	..do..	The Burr Co.	Apparatus repairs	9 60
W 200	..do..	Edw. Bartow	Salary, April	41 67
W 201	..do..	Louden & Planingam	Printing	9 50
W 202	..do..	H. S. Capron, Treasurer	Material furnished from University storeroom	115 15

## WATER SURVEY VOUCHERS—Concluded.

No.	Date.	To whom.	For what.	Amount.
1916				
W 203	May 5	M. E. Thompson, Cashier.	Labor bills.	\$ 89 99
W 204	.do.	F. Lee Mickle.	Travelling expenses.	19 62
W 205	.do.	H. F. Ferguson.	.do.	26 41
W 206	May 15	E. F. Ferguson.	.do.	24 36
W 207	.do.	F. W. Mohlman.	.do.	14 23
W 208	.do.	Edward Bartow.	.do.	27 36
W 209	May 16	Reliable Plumbing & Heating Co.	General supplies.	1 75
W 210	.do.	The Burr Co.	.do.	1 65
W 211	.do.	W. C. Kruse.	.do.	3 10
W 212	.do.	John H. Doyle.	.do.	1 00
W 213	.do.	R. B. Dole.	Traveling expenses.	27 19
W 214	May 19	J. F. Schnellbach.	.do.	12 00
W 215	.do.	Pay roll.	May, 1916.	155 00
		Hart, Eliza.	Salary.	\$50 00
		Johnson, J. J.	.do.	50 00
		Jones, Orah.	.do.	55 00
W 216	.do.	M. E. Thompson, Cashier.	Miscellaneous bills.	9 37
W 217	May 23	M. E. Thompson, Cashier.	.do.	5 88
W 218	.do.	Pay roll.	May, 1916.	1,031 66
		Bennett, A. N.	Salary.	\$ 75 00
		Mohlman, F. W.	.do.	83 33
		Schnellbach, J. F.	.do.	100 00
		Langlier, W. F.	.do.	125 00
		Hatfield, W. D.	.do.	60 00
		Mickle, F. L.	.do.	70 00
		Ferguson, H. F.	.do.	125 00
		Bixby, Madeline.	.do.	60 00
		Dole, R. B.	.do.	333 33
W 219	May 30	Edward Bartow.	Traveling expenses.	17 73
W 220	.do.	Edmen Greenfield.	.do.	14 32
W 221	.do.	Beck Duplicator Co.	General supplies.	8 00
W 222	.do.	P. H. and F. M. Roots Co.	Laboratory apparatus.	180 40
W 223	May 31	M. E. Thompson, Cashier.	Miscellaneous.	1 00
W 224	.do.	H. S. Capron, Treasurer.	Material furnished from University storeroom.	418 64
W 225	.do.	I. M. Bilderback.	Laboratory apparatus.	825 60
W 226	.do.	Secretary of State.	Incidentals.	4 50
W 227	June 1	Hazel Allen.	Wages.	25 00
W 228	.do.	Mayme Rathbone.	.do.	30 00
W 229	June 15	F. Lee Mickle.	Traveling expenses.	10 68
W 230	.do.	J. F. Schnellbach.	.do.	11 94
W 231	.do.	Walrus Mfg. Co.	Sample water cases.	164 00
W 232	.do.	The Professional Memoirs.	Subscription.	3 00
W 233	.do.	H. S. Capron, Treasurer.	Material furnished from University storeroom.	86 64
W 234	June 27	F. W. Mohlman.	Traveling expenses.	83 16
W 235	.do.	Freeman & Son.	General supplies.	1 15
W 236	.do.	Pay roll.	June.	1,364 99
		Bartow, Edw.	Salary.	\$333 33
		Bennett, A. N.	.do.	75 00
		Mohlman, F. W.	.do.	83 33
		Schnellbach, J. F.	.do.	100 00
		Langlier, W. F.	.do.	125 00
		Hatfield, W. D.	.do.	60 00
		Mickle, F. L.	.do.	70 00
		Ferguson, H. F.	.do.	125 00
		Bixby, Madeline.	.do.	60 00
		Dole, R. B.	.do.	333 33
W 237	.do.	Pay roll.	June.	155 00
		Hart, Eliza.	Salary.	\$50 00
		Johnson, J. J.	.do.	50 00
		Jones, Orah.	.do.	55 00
W 238	.do.	Hazel Allen.	Wages.	50 00
W 239	.do.	Mayme Rathbone.	.do.	40 00
W 240	.do.	Herrick's Auto Supply Store Co.	Traveling expenses.	2 50
W 241	.do.	H. F. Ferguson.	Wages.	87 00
W 242	.do.	J. F. Schnellbach.	.do.	42 63
W 243	June 29	A. J. Stice.	Rentals.	3 00
W 244	.do.	Edward Bartow.	Traveling expenses.	88 50
W 245	June 30	Wabash Ry. Co., Urbana.	Freight.	1 32
W 246	.do.	Taylor Hardware Co.	Tin cans.	9 60
W 247	.do.	Royal A. Stipes.	Gravel.	7 00
W 248	.do.	Illinois State Reformatory.	Printing.	4 05
W 249	.do.	H. S. Capron, Treasurer.	Material furnished from University storeroom.	12 83

## IX. MINERS' &amp; MECHANICS' INSTITUTES VOUCHERS.

No.	Date.	To whom.	For what.	Amount.
<b>1915</b>				
M 1	July 13	E. C. Lee	Traveling expenses	\$ 40 25
M 2	do	L. E. Knorr, Assistant Comptroller	Sundry bills	1 94
M 3	July 15	W. L. Morgan	Traveling expenses	37 08
M 4	do	E. C. Lee	do	19 16
M 5	do	H. E. Smith	do	33 25
M 6	do	H. D. Easton	do	36 70
M 7	July 21	H. E. Smith	Special work	150 00
M 8	do	E. C. Lee	do	150 00
M 9	do	W. L. Morgan	do	150 00
M 10	do	R. Y. Williams	do	333 33
M 11	do	H. D. Easton	do	175 00
M 12	do	E. S. Zipprodt	do	5 00
M 13	do	L. E. Knorr, Assistant Comptroller	Sundry and express bills paid	8 48
M 14	July 26	W. L. Morgan	Traveling expenses	38 87
M 15	do	E. C. Lee	do	17 01
M 16	do	Central Union Telephone Co.	Telephone	5 10
M 17	do	W. B. Castenholz	Material furnished from University storeroom	11 00
M 18	do	H. D. Easton	Traveling expenses	12 60
M 19	July 31	Central Union Telephone Co.	Exchange service	6 87
M 20	do	H. E. Smith	Traveling expenses	28 55
M 21	do	Illinois Traction System	Freight	2 15
M 22	do	Illinois Central Ry. Co.	do	4 28
M 22½	do	W. B. Castenholz, Comptroller	Material furnished from University storeroom	30 00
M 23	Aug. 18	M. E. Thompson, Cashier	Express bills	2 48
M 24	Aug. 30	M. E. Thompson, Cashier	Sundry bills	5 42
M 25	Sept. 16	M. E. Thompson, Cashier	Bills paid	2 54
M 26	Sept. 18	M. E. Thompson, Cashier	do	7 98
M 27	Sept. 24	Central Illinois Public Service Co.	Material and labor	22 44*
M 28	Sept. 28	The Herrin News	Book plate and labels	4 25
M 29	Sept. 29	Martin Bolt	Labor	5 00
M 30	do	Theo. Audel & Co.	Elec. guides	2 00
M 31	do	M. E. Thompson, Cashier	Bills paid	7 50
M 32	do	W. B. Castenholz, Comptroller	Material furnished from University storeroom	54

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